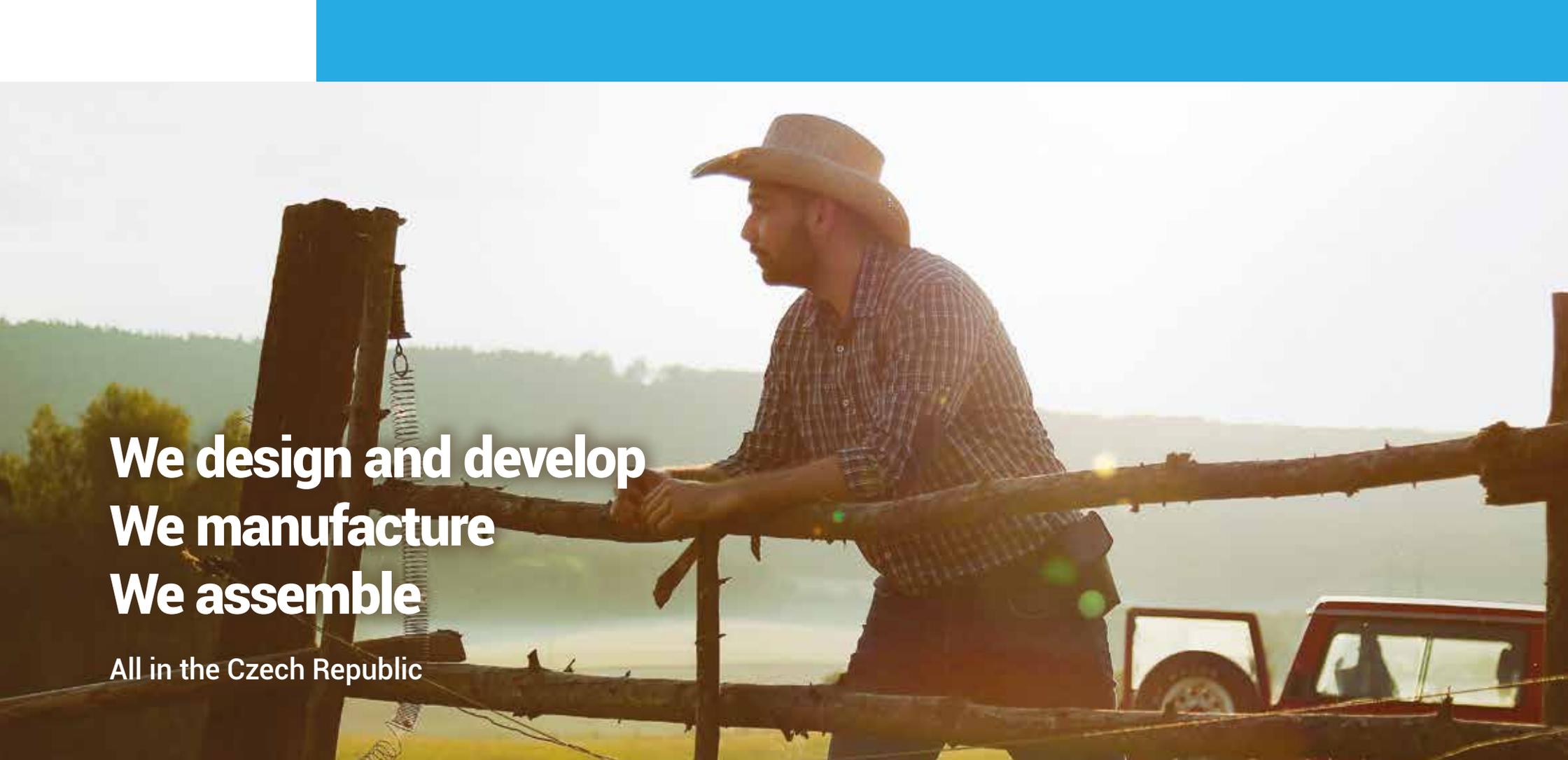


fence<sup>e</sup>

# Electric fencing 2024





**We design and develop**  
**We manufacture**  
**We assemble**

All in the Czech Republic

fencee

**What is  
fencee**

Czech brand introduced on the market in 2017. Due to many years of experience and supporting environment of our parent company VNT electronics s.r.o., which was founded by Jiří Novák in 2004, we have the best prerequisites to design and develop products that will be the state-of-the-art in electronic appliances and will compete alongside products with a long tradition.

During the years of the company existence, we have built a development centre and our own prototype and serial production at our current headquarters in Lanškroun. A complex process that always starts with an idea, all the way to mass production – all in one place.

To optimize the entire production process, we have established a subsidiary company, Morelli electronics s.r.o., which develops and manufactures printed circuit boards. This allows us to control the entire production process of fence devices.

## Development

Long-term collaboration and support with **VNT electronics s.r.o.**



## Manufacturing

Production of PCBs for fence products is carried out by **Morelli electronics s.r.o.**



## Assembling and dispatching

All our products are **manufactured and assembled in Lanškroun**. We are also opening a **new logistics centre** with a capacity of over 1000 pallet places. This allows us to flexibly supply more than 70 countries with our products.

A vertical red banner celebrating Dogtrace's 20th anniversary. At the top is the "DOG TRACE" logo with a paw print. Below it, the text reads "Proof of quality 20 years on the market". Further down, it says "Proven Dogtrace brand, our first successful track." and "www.dogtrace.com". At the bottom is a large white "20" with a paw print inside the zero, and the years "2004 — 2024" below it.

**DOG**  
TRACE

Proof of quality  
20 years on the market

Proven Dogtrace  
brand, our first  
successful track.

[www.dogtrace.com](http://www.dogtrace.com)

20  
2004 — 2024

# We have a clear vision

„Our ambition is to be a company that sets the trend in the development and production of not only electric fence energizers but also other electronic devices.“



*Jiří* **Jiří Novák**  
Director

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## Did you lose your manual?

No problem. They are all online for download.



**EN**

Download the  
online manuals  
**HERE**

## More information about the products

To search, use Art.Nr.

More information and details about the product can be found on our e-shop under the product number. (Art.Nr.)

## Do you have a question?

Do you need help choosing?



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# Energizers



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# Functions of the fence energizers

## ALL MODELS



Czech product.



3 years warranty.



Complies with European Directive 2014/35/EU – 2014/30/EU.



**On-wall installation is very easy.**  
Practical installation **DIN rail** is one of many accessories available.



fence energizers are **resistant to all climatic conditions**. Rain, direct sunlight and frost.



Modern **LED diodes** with BrightLight technology offering high luminosity.



Easy use and comfortable switching thanks to the **ON/OFF button**.



Very **low and efficient** energy consumption.



Smart Control technology provides **microprocessor controlled** operation and optimum performance.



Special **ST transformer**, extra high voltage with long term protection.



**The SafeShock technology ensures maximum safety for your animals** – specially shaped impulse curve.

## power DUOPD MODELS



**Combined operation**  
Power supply is possible from a 230 V using an adapter or from a conventional 12 V battery, also usable as a backup supply.



**LED Bargraph**  
Visually gives information about the state of the fence.



**Time delay 50 s**  
Increase power to maximum power for safety reasons. Only **power DUOPD70**



**Power switching**  
Manual switching between high and low power. Optional for the user to save battery when needed.



**Battery management**  
Checking and managing the battery status.

## energy DUOED MODELS



**Extreme power**  
Energizers with power up to 15 J.



**Power switching**  
Manual switching between high and low power. Optional for the user to save battery when needed.



**Setting buttons**  
Simple and easy to use.



**Combined operation**  
Power supply is possible from a 230 V using an adapter or from a conventional 12 V battery, also usable as a backup supply.



**Yellow terminal**  
For reduced output.



**Time delay 50 s**  
Increase power to maximum power for safety reasons.



**LCD Display**  
Large graphic display with all information about the fence.



**LED Bargraph**  
Visually gives information about the state of the fence.



**Battery management**  
Checking and managing the battery status.

## mini DUO MD MODELS



### Combined operation

Power supply is possible from a 230 V using an adapter or from a conventional 12 V battery, also usable as a backup supply.



### Battery management

Checking and managing the battery status.



### Power Save Mode

Switching the interval between pulses.

## power DUORF PDX MODELS



Basic range of the transmitter **up to 10 km.**



**Current information about** the fence.



### Alarm signalling

The device signals alarms that audibly alerts you.



### Combined operation

Power supply is possible from a 230 V using an adapter or from a conventional 12 V battery, also usable as a backup supply.



### Phone control

You can control PDX energizers from a mobile phone or PC with the fencee Cloud application.



### fencee Cloud

Possibility to connect to the Cloud.



### LED Bargraph

Visually gives information about the state of the fence.



### Power switching

Manual switching between high and low power. Optional for the user to save battery when needed.



### Time delay 50 s

Increase power to maximum power for safety reasons. Only **power DUORF PDX70**



### Battery management

Checking and managing the battery status.



### No SIM CARD needed

No additional operation costs.



### External antenna

With external antenna range up to 30 km.

## energy DUORF EDX MODELS



### Extreme power

Energizers with power up to 15 J.



### Phone control

You can control EDX energizers from a mobile phone or PC with the fencee Cloud application.



### fencee Cloud

Possibility to connect to the Cloud.



### Combined operation

Power supply is possible from a 230 V using an adapter or from a conventional 12 V battery, also usable as a backup supply.



### Power switching

Manual switching between high and low power. Optional for the user to save battery when needed.



### Setting buttons

Simple and easy to use.



### LCD Display

Large graphic display with all information about the fence.



### Yellow terminal

For reduced output.



### Time delay 50 s

Increase power to maximum power for safety reasons.



### Earthing measurement

Green terminal for measuring the earthing quality.



Basic range of the transmitter **up to 10 km.**



### LED Bargraph

Visually gives information about the state of the fence.



### Battery management

Checking and managing the battery status.



### No SIM CARD needed

No additional operation costs.



### External antenna

With external antenna range up to 30 km.

## power energy PE60 MODEL



**Special transformer**  
designed for high loads.



**Extra high voltage 12 500 V**  
10 000 V at 500  $\Omega$  load.



**Developed to protect**  
against predators.

## battery DUO BD and BDX MODELS



**Combined operation**  
Power supply from 230 V mains using an adapter or from a standard 12 V battery.



**Battery management**  
Checking and managing the battery status.



Modern **LED diodes** with BrightLight technology offering high luminosity.



**LCD Display**  
Large graphic display with all information about the fence.



**Power switching**  
Manual switching between 19 power levels.



**Operation on solar panel**  
The device is ready for easy installation and operation with a solar panel.



Basic range of the transmitter **up to 10 km.**



**Current information about** the fence.



**Alarm signalling**  
The device signals alarms that audibly alerts you.



**Phone control**  
You can control BDX energizers from a mobile phone or PC with the fencee Cloud application.



**fencee Cloud**  
Possibility to connect to the Cloud.



**No SIM CARD needed**  
No additional operation costs.

## solar DUO SD and SDX MODELS



**Combined operation**  
Power supply from 230 V mains using an adapter or from a standard 12 V battery.



**Battery management**  
Checking and managing the battery status.



**Power Save Mode**  
Switching the interval between pulses.



Basic range of the transmitter **up to 10 km.**



**Current information about** the fence.



**Alarm signalling**  
The device signals alarms that audibly alerts you.



**Phone control**  
You can control SDX energizers from a mobile phone or PC with the fencee Cloud application.



**fencee Cloud**  
Possibility to connect to the Cloud.



**No SIM CARD needed**  
No additional operation costs.

## energy Smart DUO EDW MODELS



**Wi-Fi technology**  
Energizers with direct connection to the Cloud without the need of a central Gateway.



**Phone control**  
You can control EDW energizers from your mobile phone or PC with the fencee Cloud app.



**External Wi-Fi antenna**  
With an external antenna you increase the control range between the mobile phone and the energizer.



**fencee Cloud**  
Possibility to connect to the Cloud.



**Yellow terminal**  
For reduced output.



**Earthing measurement**  
Green terminal for measuring the earthing quality.

## energy DUO Cellular EDC MODELS



### LTE technology

Fast and reliable LTE connection to the mobile internet network.



### eSIM technology

Modern eSIM technology for connection to the mobile network.



### GPS localization

GPS localization is always active and you can easily locate your device in case of theft or loss.



### Motion sensor

The motion sensor detects any unexpected movement of the device and notifies you immediately in the app.



### Backup battery

The battery will ensure the functioning of the localization and motion sensor functions even if the power is disconnected.



### Unlimited range

Thanks to the technology used, the device is always on the network and control is possible from anywhere, where there is a mobile signal.

## FENCE WiFi GATEWAY GW100



### fencee Cloud

Possibility to connect to the Cloud.



### No SIM CARD needed

No additional costs for operation.



### Phone control

Control and monitor all devices with the mobile app.



Control up to 12 devices.



### Alarm signalling

The device signals alarms that audibly alerts you.



### External antenna

With external antenna range up to 30 km.



Current information about the fence.



### Backup power



### Wi-Fi technology

For connection to the Cloud.

## Monitor MX10



### fencee Cloud

Possibility to connect to the Cloud.



Measurement of fence parameters.



Modern LED diodes with BrightLight technology offering high luminosity.



### No SIM CARD needed

No additional operation costs.



Simple operation using magnet.



IP44 protection.

## fencee Cloud



### Online information

Current online information about all devices.



### Phone control

Control and monitor all devices with the mobile app.



### Alarm signalling

Notification of the problem immediately on your phone and email.



### No SIM CARD needed

No additional operation costs.



### Without limits

The application has no limit for number of devices.



### Time saving

No more running around the fence. You control everything from a phone or PC.



### Control from anywhere

You can control the device literally from anywhere.



### SW update

Automatic update via the Internet.



### Map base

Real location of individual devices. Easy orientation.

# Why fencee



Thanks to incorporating the latest technologies, we can offer you a large portfolio of functions in the fencee energizers. Apart from the standard benefits, such as high resistance of the product, we can also offer special functions for increased protection of animals and the environment. Large terminals for connecting wires and earthing are available on the front panel of energizers for convenient installation. They allow you to connect the fencing wires quickly and securely.



Novelty in our range of products is complete system of Smart Farm solution with the possibility of control via a mobile application or web interface from anywhere in the world. We are creating the future and taking fence control to a new level.



Our fences and some related products are produced exclusively in the Czech Republic. We are proud, that we are able to control the quality of the entire production process. We select qualified suppliers of all necessary components.



fencee energizers are subjected to strict tests in the climate chamber, they are tested in conditions such as those encountered during normal use. Thanks to the reliability and quality of our energizers, we can offer an extended warranty of 3 years.



In case of failure or damage to the energizer (e.g. lightning strike, water damage, etc.) our technical service department is available since the moment of notification.



Smart Farm fencee Cloud System is protected in the EU utility model.



# We collect awards



## SMART FARMING

Using modern technology to improve the quality of agricultural produce.

**power DUO RF PDX**

## Zlatý klas 2018

For innovative contribution to modern agriculture.

**power DUO PD**

## Zlatý klas 2019

For innovative contribution to modern agriculture.

**power DUO RF PDX**



## Zlatý klas 2021

For innovative contribution to modern agriculture.

**Modern Smart Farm fencee Cloud with FENCE WiFi GATEWAY GW100**

## Zlatý klas 2023

For innovative contribution to modern agriculture.

**energy DUO Cellular EDC**

## Zlatý klas 2024

For innovative contribution to modern agriculture.

**battery DUO RF BDX**



## AnimalTech 2023

Award of magazine Náš chov.

**Virtual fencing GPS F10**



## GRAND PRIX 2024

Innovative technologies for agriculture.

**LTE energizer energy DUO Cellular EDC**





### mini M

Small mains energizers with power up to 1 J to provide an economical solution for your fencing gardens and property. Easy installation and operation with minimum maintenance and costs.



### mini DUO MD

Energizers with small dimensions, power up to 1 J and combined power supply for use anywhere. Suitable for paddocks, shorter and temporary enclosures. With battery power saving function.



### power P

Popular mains energizers with an output of 1–5 J. Universally suitable for most animal species. Reliable and maintenance-free solution thanks to power supply from the mains.



### power energy PE60

Extremely powerful mains energizer with specially designed transformer for very high loads. Provides sufficient voltage even in dense vegetation.



### power DUO PD

Combined energizers 1–7 J for use in places without electricity. LED indicator and BARGRAF show the operation of the power supply, measure the voltage and indicate any faults.



### power DUO RF PDX

Smart Combined Energizers with 1–7 J and possibility of remote operating via a small remote control or mobile phone. Up-to-date information about the situation of the electric fence on your mobile phone with fencee Cloud app or in the remote control.



### energy DUO ED

Combined energizers with high power up to 15 J. Ideal for permanent electrical fences with installation lengths up to 120 km.



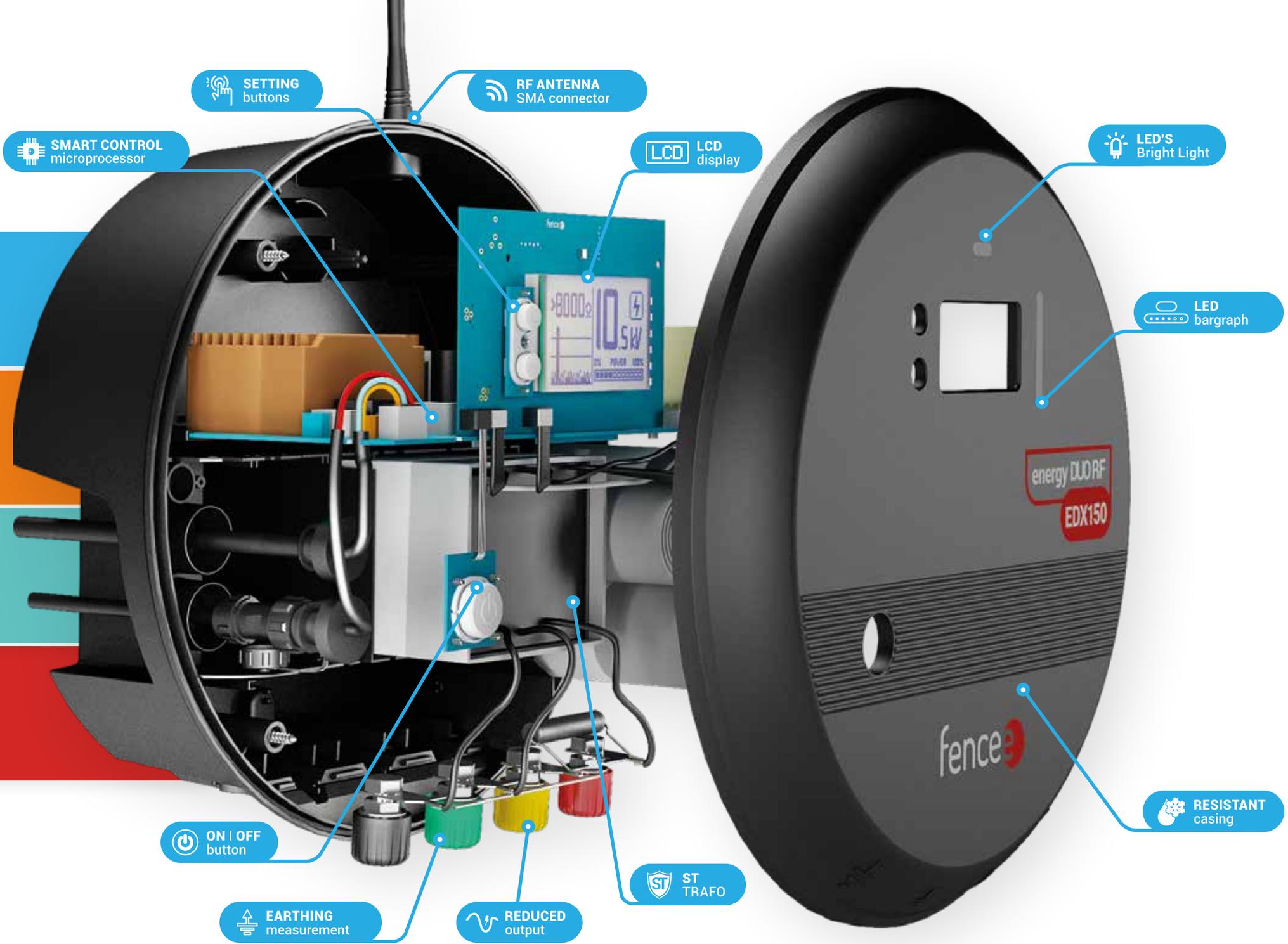
### energy DUO RF EDX

Smart powerful energizers up to 15 J with combined power supply. The energizers can be controlled remotely from anywhere in the world by mobile phone via fencee Cloud app.



### energy Smart DUO EDW

Smart Combined Wi-Fi energizers with power outputs of 10 and 15 J. Direct connection to the home Wi-Fi network. Unlimited control with your mobile phone without the need for a central Gateway.



# Recommended height of fences

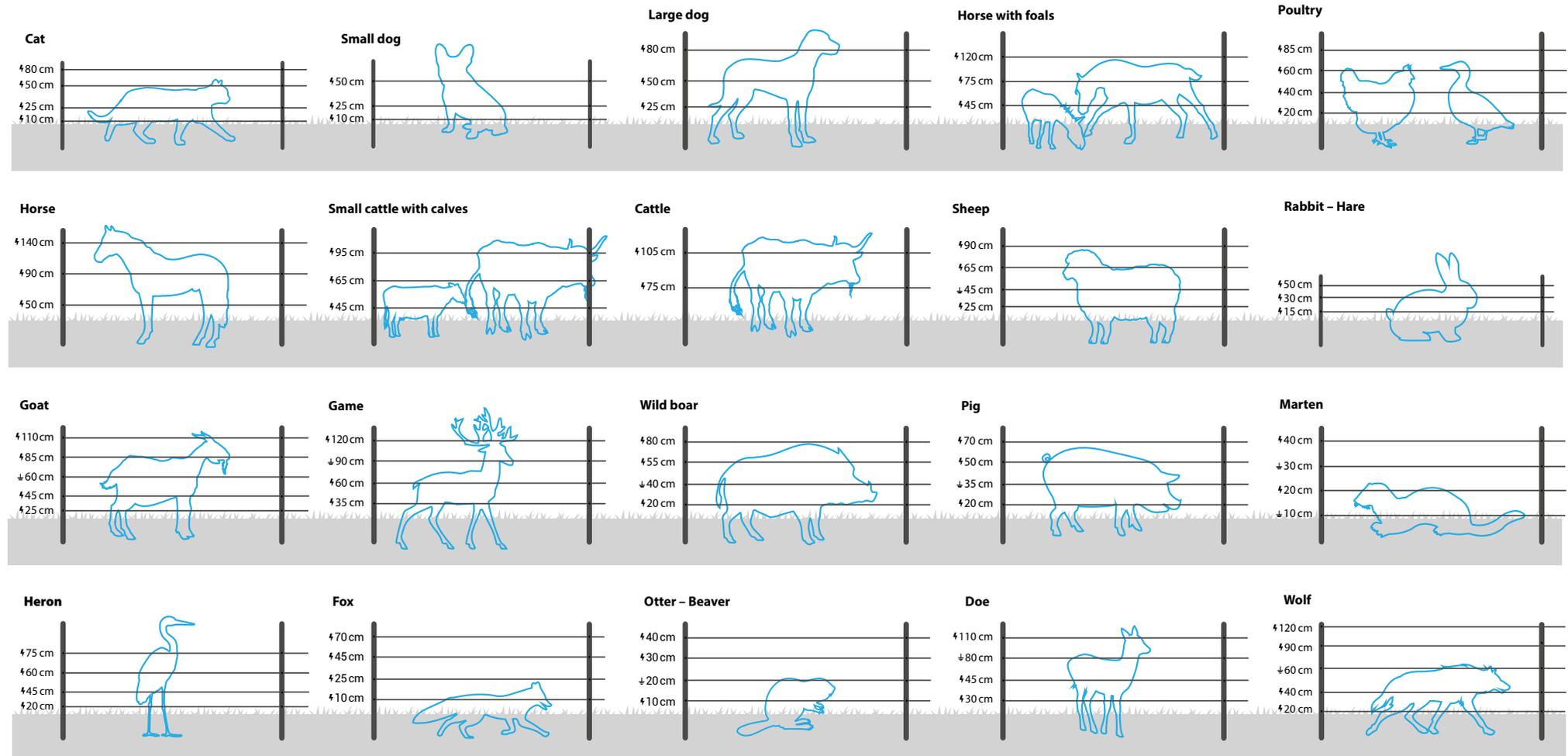
An electric fence is a system in which the correct installation of all its elements is necessary.

Even the fence is not omnipotent, even a very well executed installation may not always prevent animals from escaping, e.g. if they are startled.

Therefore it is necessary, in case where the fence is located near busy roads, to complete the electric fence with a fixed fence.

In poor earthing conditions or for less sensitive animals, we recommend installing a conductor that is connected to the earthing terminal at the same time.

When animal connects those opposite conductors, more intense impulse will occur.



# How far apart should the posts be?

The following data recommend at what distance the posts should be for quality fastening of the wires in the fence.

## POLYWIRES AND POLYROPES

6–8 m, depending on the weight to avoid hanging

## POLYTAPES

3 m (for tape width 40 mm), 5 m (for width 20 mm) and 6–8 m (for width 10 mm)

## WIRES

4 m (for diameter 6–8 mm), 6 m (for diameter 5–6 mm)

## TERRAIN

When installing, always consider the course of the terrain.  
Spread the posts so that the wires copy the ground as much as possible.

## CONNECTORS

Never tie wires in knots — always use suitable connectors to ensure a quality connection and voltage flow in the fence.

## CIRCUIT

The fence does not have to be a closed loop.  
The circuit is closed by contact of the animal with the conductor.

## DAILY INSPECTION

You should check your fence daily. With RF energizers and a central gateway, you get continuous control over the fence on a mobile phone or computer.

## CONDUCTIVITY

Ensure a sufficiently strong output power, use low resistance conductors and have good earthing.

## WARNING SIGNS

For fences along public roads, you are obliged to mark the fence for safety reasons so that the marking is visible from every point.

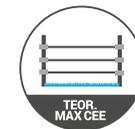
# How long can the fence be?

Depending on the length of the fence, an appropriate wire must be chosen. The power of the energizer and good conductor conductivity is the basis of good fence functionality.

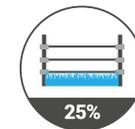
Please remember that **the indicated installation length is given in optimal conditions**, e.g. that there is no vegetation.

If the fence is led in dense vegetation, then part of the energy is lead/lost into the ground, which affects the function of the fence and it is necessary to consider the conditions when choosing the power of the energizer.

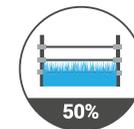
## Vegetation height icons



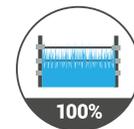
**Optimal**  
conditions



**25%**  
Small  
vegetation



**50%**  
Medium  
vegetation



**100%**  
Tall  
vegetation

# 10 principles

for correct functionality of the fence, which you should follow, in order to have correctly and a safely functioning electric fence.

## Not working? It's fine!

We will help you with any problems, just contact our specialists.

+420 737 450 071

michal.tares@fencee.eu

fencee  
on social  
networks



fencee.cz



fenceeczech

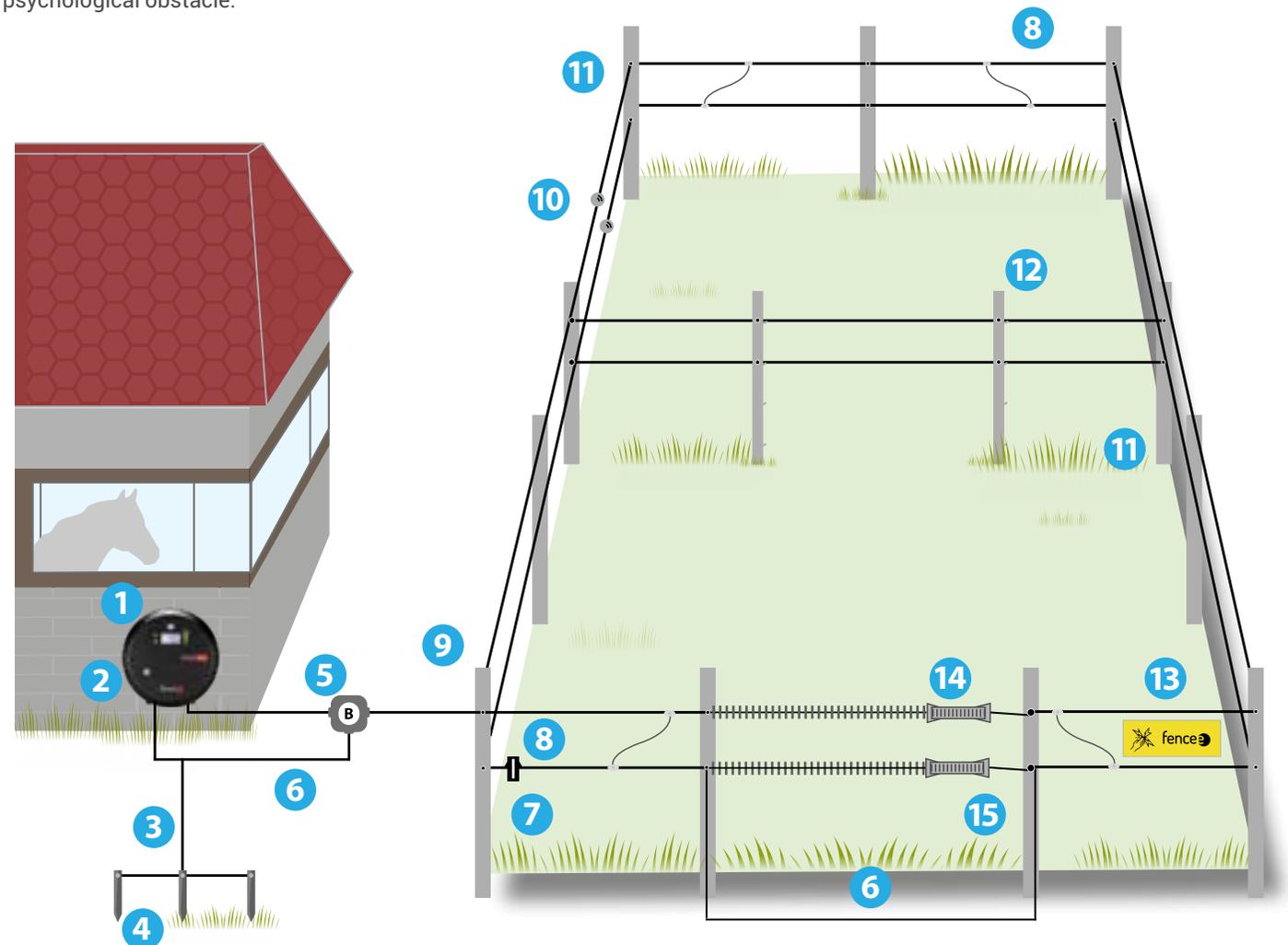
- 1 Quality energizer fence** with appropriate impulse strength.
- 2 Keep the fence clean, without vegetation like grass, shrubs, and branches.**  
Otherwise, there is a "withdrawal" of impulses into the ground, thereby reducing the efficiency of the fence and causing excessive battery consumption (especially for battery types).
- 3 Ensure perfect earthing. At least 1 m deep eventually having multiple in several places.**  
It is necessary to choose the dampest place possible – the conductivity increases.  
Use a stainless, well-conductive metal, secure a conductive connection among each of the earthing rods and its own source of impulses, including contacts on the device.
- 4 Use original connectors. Do not only tie wires into knots.**  
In an emergency case, use at least a soft binding wire to carry the joint.  
The wires of the fence must not be interrupted.
- 5 Use only a well-conductive material.**  
Using conductors with a small resistance is necessary primarily for long fences (over 2 km of wire).
- 6 The wire and especially the earthing rod must not be rusty – rust insulates.**
- 7 Use polytapes or polyropes for fences with horses, not wire or polywire.**  
Polytape can be seen better and does not cut like wire.
- 8 Use a good connection between the power supply and the fence.**  
For the perfect connection, use a high-voltage cable.
- 9 While using battery energizers check the battery status regularly.**
- 10 Keep in mind that you must measure a minimum voltage of 2500 V in every place of the fencing.**  
This value will overcome the resistance of animal skin.  
For large and less sensitive animals, this value is 3000 V.

# How does the electric fence work?

The electric fence consists of an electric energizer and a fence laid out by posts and conductors. The electric energizer supplies the fence line with current impulses. These impulses are characterized by high-voltage and very short duration (less than 0,3 ms.).

However, the electric shock is very unpleasant and animals learn to respect the fence quickly. The electric fence is not only a physical, but also a psychological obstacle.

- 1 Energizer fence
- 2 Switch on the energizer
- 3 Earthing cable
- 4 Non-corroding earthing rod
- 5 Lightning diverter
- 6 High-voltage cable
- 7 Fence wire
- 8 Connecting cable
- 9 Fixed post
- 10 Wire tensioner
- 11 Insulators
- 12 Portable post
- 13 Warning sign
- 14 Gate
- 15 Gate insulator





Smart Farm fencee Cloud System is protected in the EU utility model.





PRODUCTS WITH RF TECHNOLOGY FOR REMOTE CONTROL AND MANAGEMENT OF FENCES



# Complete solution of Smart Farm fencee Cloud

# Smart Farm fencee Cloud

Control and monitor fences from mobile phone or PC with the **fencee Cloud** app.

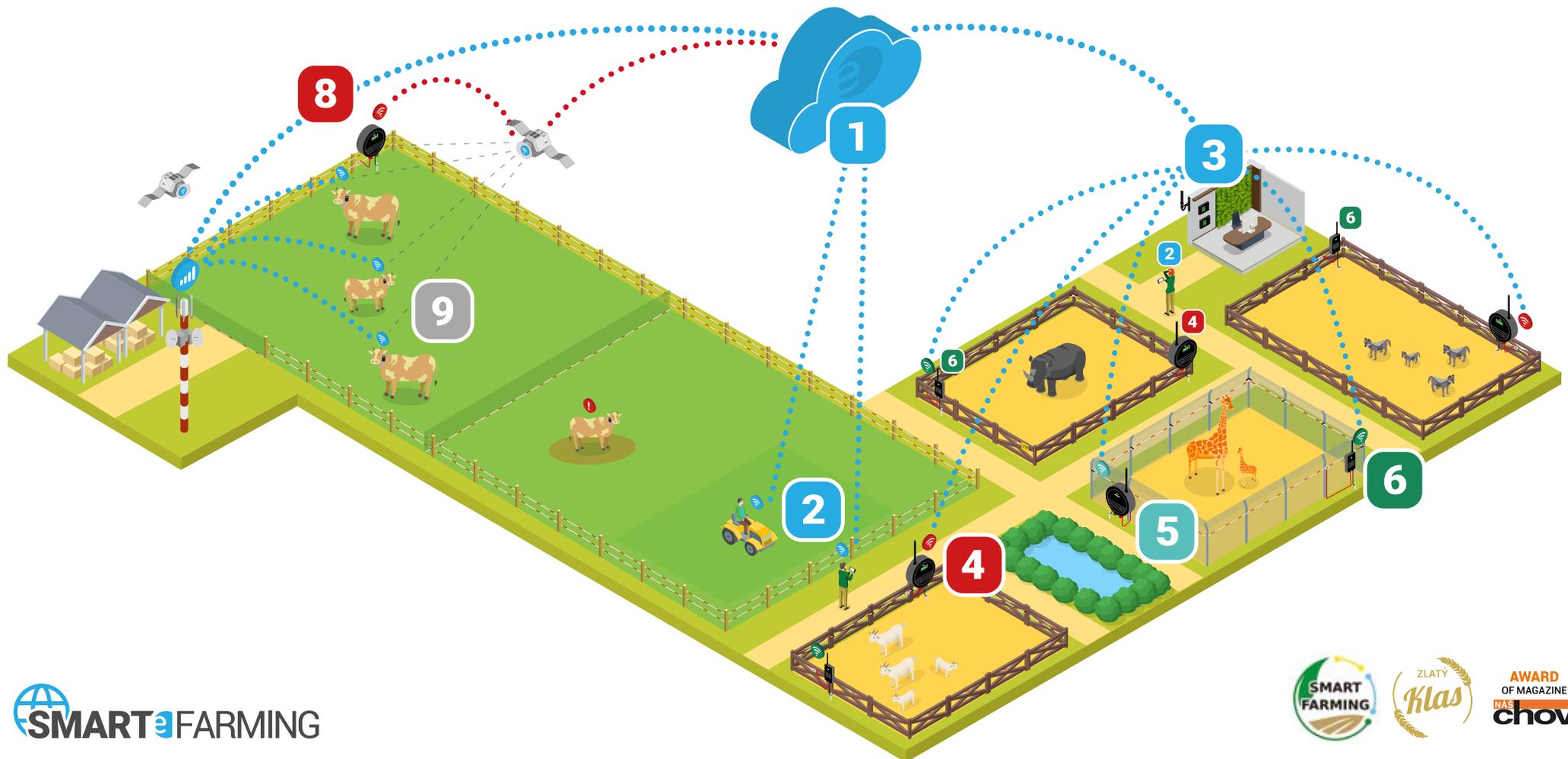
## How does the fencee Cloud work?

The central gateway **3** is connected to the Internet using customer's Wi-Fi.

Cloud **1** collects data from all energizers and monitors. **4 5 6**

With the gateway **3** customer can easily set up and control all devices using fencee Cloud app **2** or web interface.

Stand alone energizers and devices **8** communicate directly with the Cloud, using LTE technology.



# Individual elements

The individual elements of a Smart Farm fencee Cloud help you get a perfect overview of your electric fence.

**1**



**fencee Cloud**

The Cloud is a secure place on Internet through which communicates all paired devices. This allows you to share data with other users, check, set up, and control fences from virtually anywhere.

**2**



**MOBILE APP**  
**fencee Cloud**

Control the fences from your mobile or tablet via the app. For PC control, use the web interface.



**VIRTUAL FENCE WITH SMART COLLAR**  
**fencee GPS F10**

GPS collar for efficient livestock management with vital signs monitoring.



**9**

**3**



**CENTRAL DEVICE**  
**FENCE WiFi GATEWAY GW100**

Gateway is connected to the Internet and fencee Cloud. Using the mobile app, you can remotely control, set up and monitor all connected devices.

**4**



**RF ENERGIZER**  
**energy DUO RF EDX**

Powerful RF energizer with high power up to 15 J. The device can be controlled from the app or you can use the EDX remote controller.

**5**



**RF ENERGIZER**  
**power DUO RF PDX**

Lower range of RF energizers with power up to 7 J that can be controlled via the fencee Cloud mobile app or using PDX remote controller.

**6**



**MONITORING DEVICE**  
**Monitor MX10**

Real-time monitoring of fence voltage. If the voltage drops below the set limit, the monitor sends an alarm to the gateway, which sends notifications to your phone and email via the Cloud.

**7**



**WI-FI ENERGIZER**  
**energy Smart DUO EDW**

Strong combined Wi-Fi energizers with power up to 15 J and Cloud connection without the need of a central Gateway.

**8**



**LTE ENERGIZER**  
**energy DUO Cellular EDC**

LTE combined energizers with up to 15 J of power, mobile network connection, GPS location module and battery backup.

**SMART PORTABLE ENERGIZERS**

Battery energizers and portable energizers with integrated 8 W solar panel.



# Main benefits

The biggest advantages of the fencee Cloud system.



Learn more about options of RF energizers remote control using the fencee Cloud application.



## CURRENT INFORMATION

24/7 online info about all devices.



## NO SIM CARD

No operation costs.



## PHONE CONTROL

Control and monitor via mobile application.



## COSTS SAVING

System cuts cost and save money during operation of electric fences.



## TIME SAVING

Thanks to the remote control, you no longer have to check the fence by walking. Everything is managed via your phone or the web interface.



## ALARM SIGNALIZATION

Problem notification immediately in your phone or e-mail.



## NO LIMITATION

Application does not limit the number of devices.



## CONTROL FROM ANYWHERE

Monitoring and control of the fence from anywhere, anytime.



## RF TECHNOLOGY

The devices communicate with each other using free radio technology.



# Maximum overview with the **fencee Cloud** application

Get an overview of all important values and keep your fences under control whenever you need.

## WELL-ARRANGED GRAPHS

Graphical image of measured values over the last 7 days.



## LIST OF DEVICES

Well-arranged lists of all connected devices sorted by superior gateways.



Name	Fence
G1 Cow pasture 45A970E7000005 - EDX150	8.9 kV
G2 Sheep paddock 4E790066000025 - FOX20	12.0 kV
G3 Horse fence 5FA9707700001 - EDX150	8.6 kV
G4 Horse paddock 24A000104021 - PDX30	3.9 kV
G4_MA Monitor at stable 58E43C90000015 - MX10	4.0 kV
G4_MB Monitor by the river 5FE27DC800000065 - MX10	3.9 kV

## ONLINE ALARMS

In case of an exceptional breakdown situation – an immediate alarm to your phone or e-mail.



## MONITOR VALUES

Values to be set up and monitored through the fencee Cloud application.



## ACCESS CONTROL

Give individual users control and setup rights of electric fences.



# Clearly, all in one place

Values which you can set up and monitor remotely, clearly in one place.



## Voltage

Voltage measurement in the fencing.



## Power output

Based on the current impedance of the fencing, energizer's adjusts power output. The energizer output is increased based on the increased impedance.



## Mode

It is possible to switch between energizer outputs 100 % or 50 %. Decreased output may be appropriate for example, in relation to sensitive animals or to save the battery.



## Status

Display the energizer status. There are several statuses available:

**ON** – switched on, working

**STANDBY** – switched off (i.e. in standby mode)  
can be switched on remotely

**OFF** – switched off, cannot be switched on remotely



## Battery State

Monitor the state of batteries in all connected devices.



## Alarm

User-set voltage threshold. Activation of the alarm if the voltage drops below the limit.



## Impedance

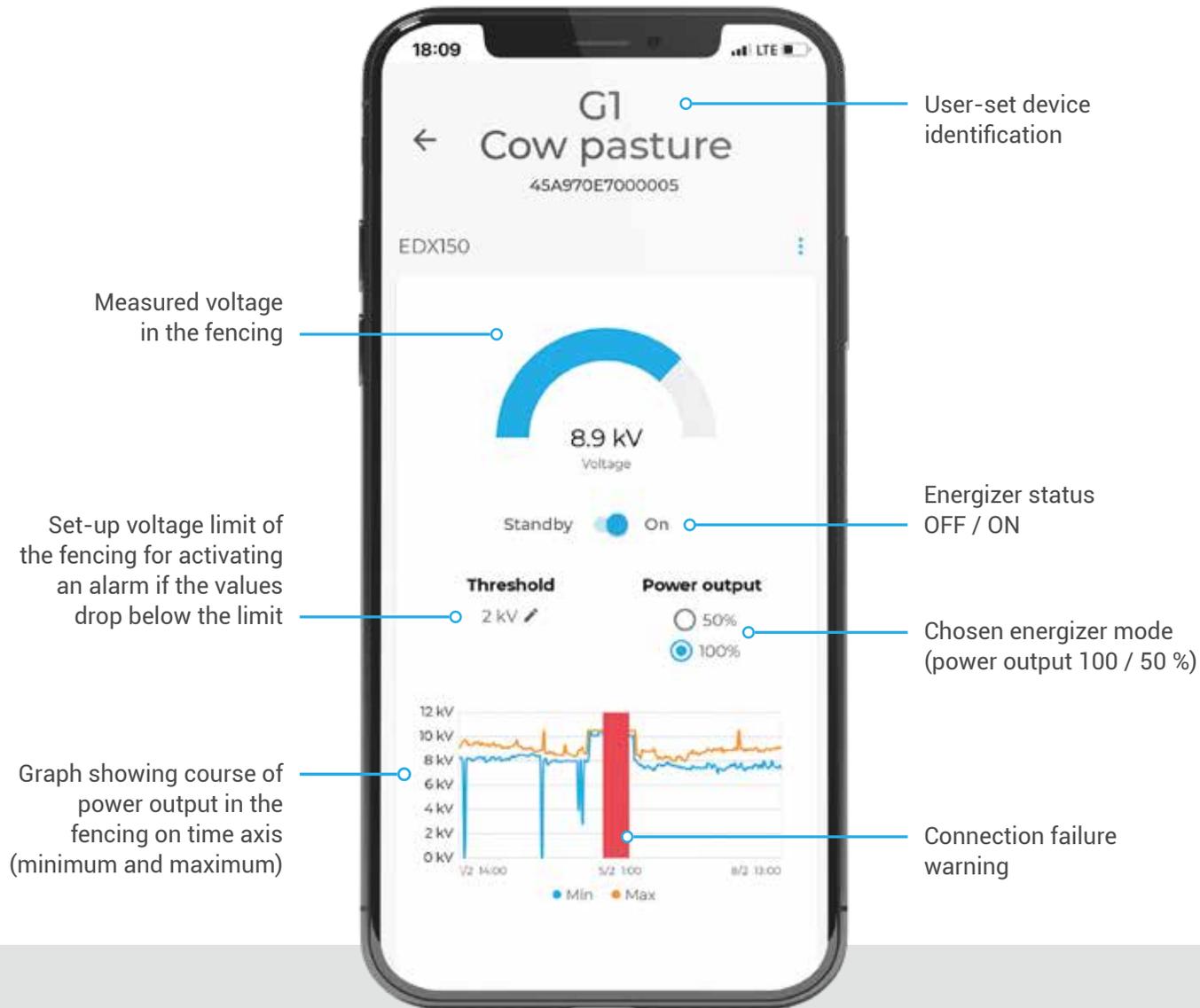
The fencee energy DUO RF EDX energizer measures the impedance of the fencing and adjusts the output based on measured values. The impedance of the fencing changes, in particular, due to the vegetation growing through the fencing or due to the deteriorating characteristics of the conductor.



## Earthing Quality

The energy DUO RF EDX energizer evaluates the earthing quality with controlling earthing electrode.

## WELL-ARRANGED GRAPHS



# App fencee Cloud

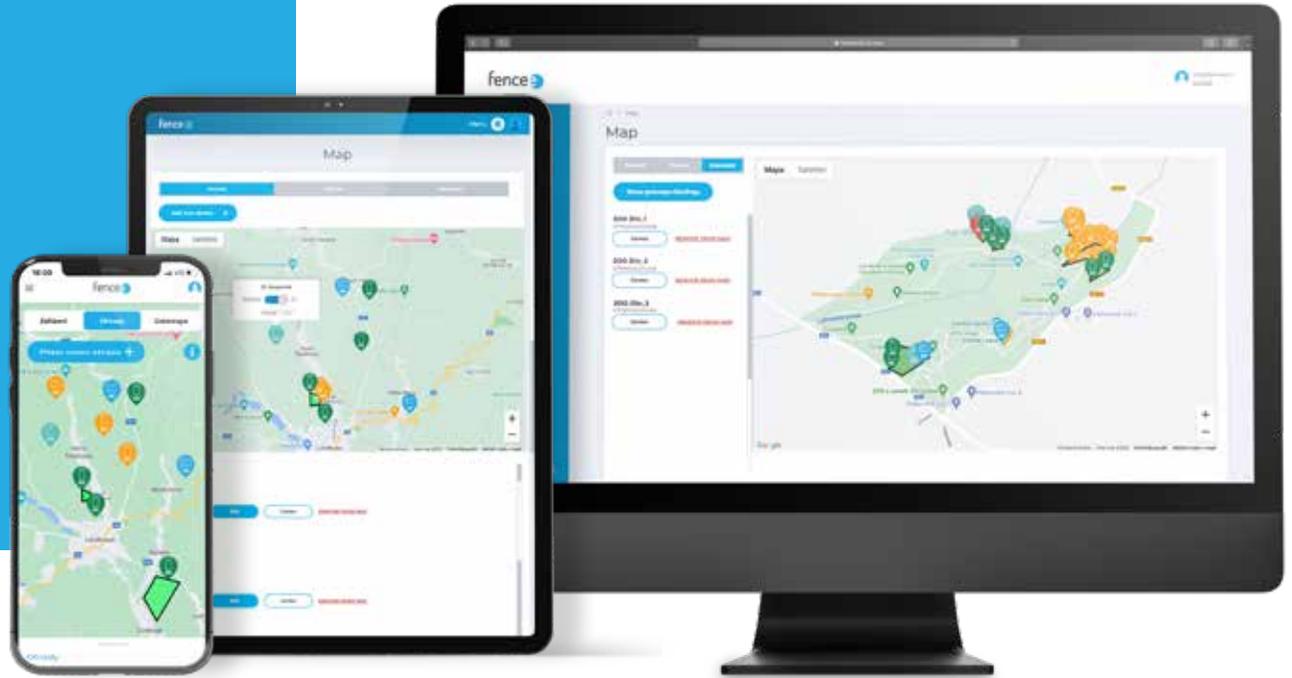
Free to download





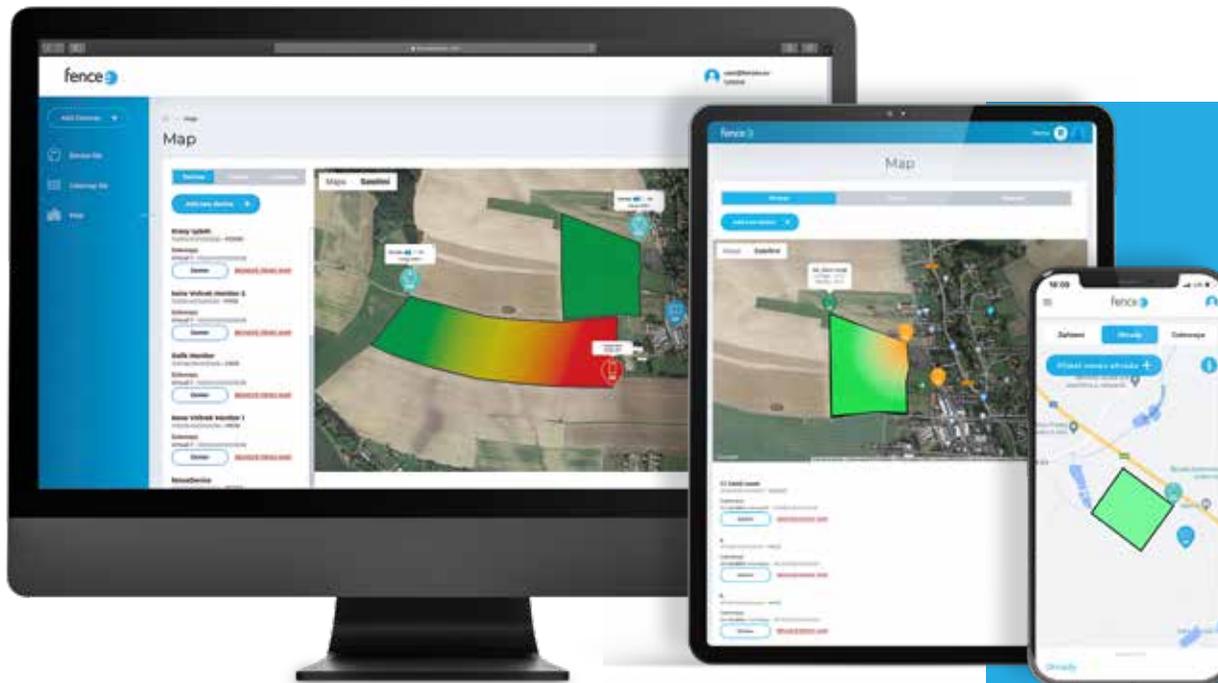
## MAP BASE

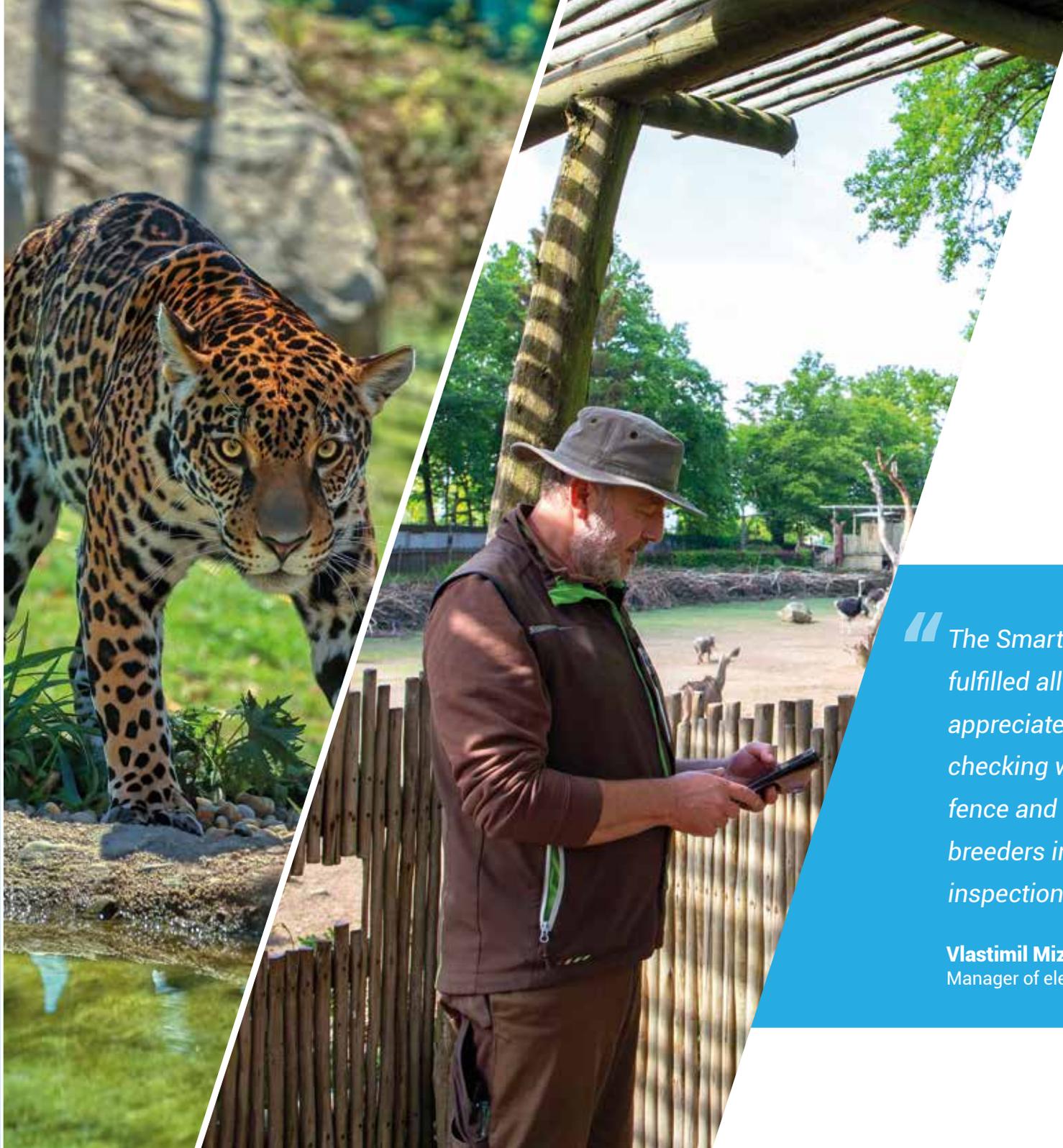
For easy orientation, you can deploy devices in particular locations on the map. From the map, you can easily click on the respective location to get to the relevant device.



## VIRTUAL FENCE

Using a virtual fence, you can easily draw fences into the map. In case of an alarm, you can immediately see colour scheme indicating origin of the problem.





# 24/7 fence supervision for real peace of mind

With the fencee Cloud system, zoo staff gain a real-time overview of all relevant values on electric fences.

**More information about the Smart Farm System in Zoo Zlín can be found on page 80.**

*“ The Smart Farm system is very helpful and has fulfilled all the expectations we had. Most of all we appreciate the online monitoring and the continuous checking where we can see the status of each electric fence and last but not least, saving time for the breeders in finding faults in a fence or during routine inspections. ”*

**Vlastimil Mizera**

Manager of electric fences at Zoo Zlín



# fencee **energy DUO RF EDX**

Smart RF energizers fencee **energy DUO RF EDX** with high power up to 15 J, and the possibility of control via a mobile phone using the fencee Cloud application.

	<b>energy DUO RF EDX80</b>	<b>energy DUO RF EDX100</b>	<b>energy DUO RF EDX120</b>	<b>energy DUO RF EDX150</b>
POWER SUPPLY CONSUMPTION	230 V ~ / 6-11 W 12 V 200-750 mA	230 V ~ / 6-14 W 12 V 200-850 mA	230 V ~ / 6-17 W 12 V 200-1000 mA	230 V ~ / 6-21 W 12 V 200-1250 mA
INPUT ENERGY	11 J	13 J	15 J	20 J
OUTPUT ENERGY	8 J	10 J	12 J	15 J
OUTPUT VOLTAGE	10500 V	10500 V	10500 V	10500 V
OUTPUT VOLTAGE 500 Ω	7500 V	7500 V	8000 V	8000 V
LCD DISPLAY	✓	✓	✓	✓
ON / OFF	✓	✓	✓	✓
LED ON / OFF	✓	✓	✓	✓
LED IMPULSE	✓	✓	✓	✓
LED LOW BATTERY VOLTAGE	✓	✓	✓	✓
LED POWER LOWER 50%	✓	✓	✓	✓
LED ERROR CHECK	✓	✓	✓	✓
LED IMPULSE BARGRAPH	✓	✓	✓	✓
TIME DELAY	✓	✓	✓	✓
REDUCED OUTPUT	✓	✓	✓	✓
EARTHING MEASUREMENT	✓	✓	✓	✓
EXTERNAL ANTENNA SMA	✓	✓	✓	✓
DATA ENCODING	✓	✓	✓	✓
CONTROLLER BATTERY	CR2	CR2	CR2	CR2
TRANSMISSION FREQUENCY	869,525 MHz	869,525 MHz	869,525 MHz	869,525 MHz
TRANSMITTING POWER	+ 22 dBm	+ 22 dBm	+ 22 dBm	+ 22 dBm
EARTHING 1 m	4×	5×	5×	6×
EL. NETS	22×	27×	32×	38×
DIN RAIL	✓	✓	✓	✓
DIMENSION	290 × 108 mm			
WEIGHT	3650 g			



**PHONE  
CONTROL**

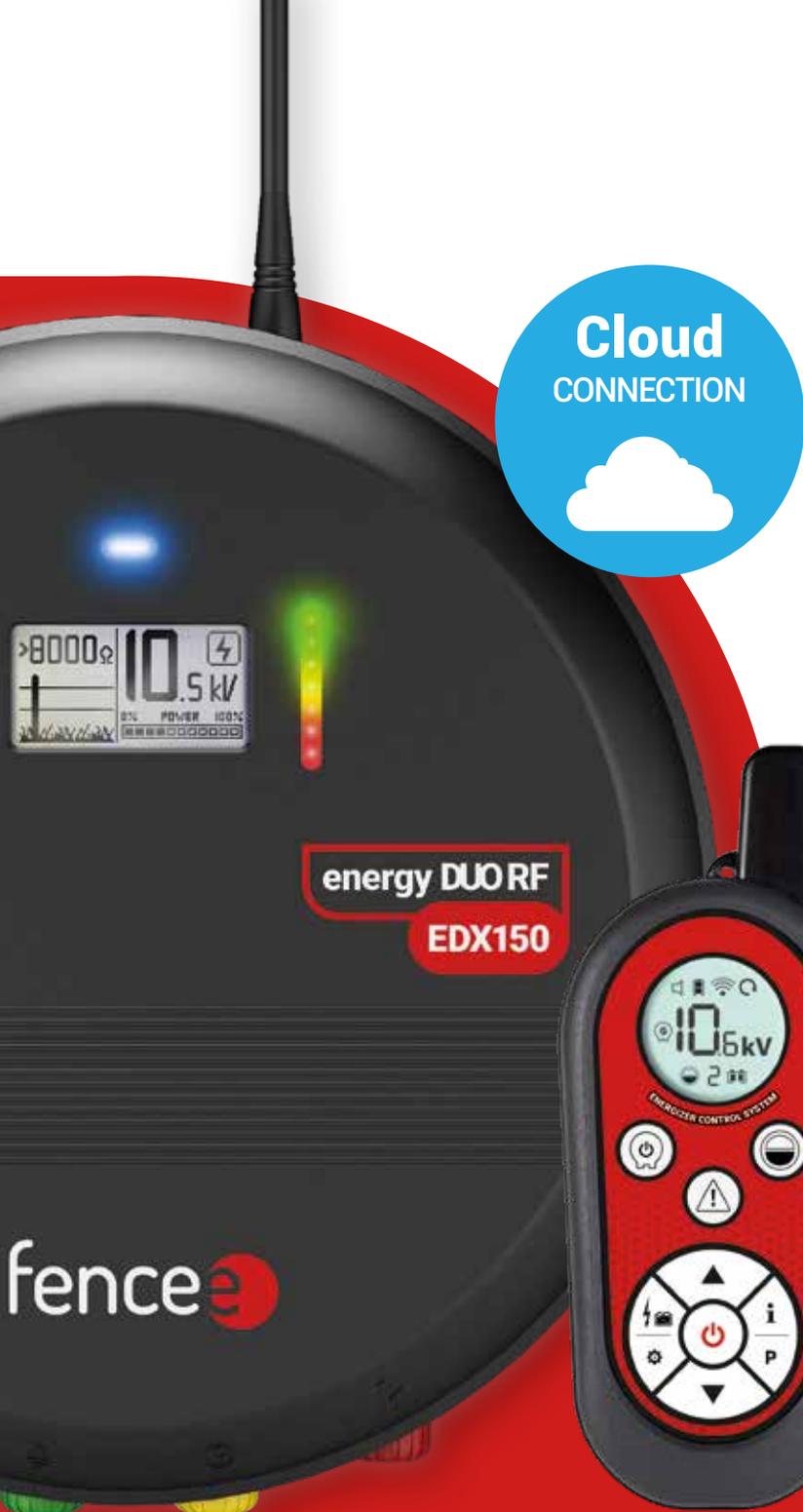


**EARTHING  
MEASUREMENT**



**EXTREME  
POWER**





## TIP

Use external antenna for a range **up to 30 km.**

📶 Basic antenna range up to 10 km



Find out more about **energy DUO RF EDX** energizers



## More than power

UP TO  
**120 km**  
FENCE

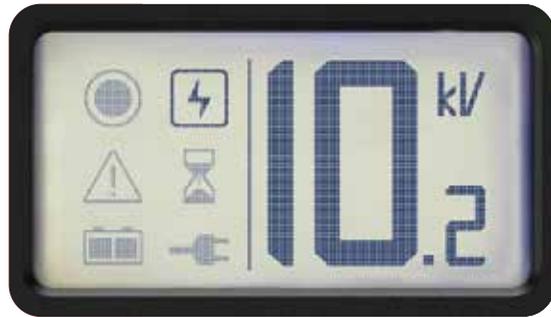
JOULE  
**8 – 15**  
POWER

**230 V ~**  
**12 V**   
POWER SUPPLY

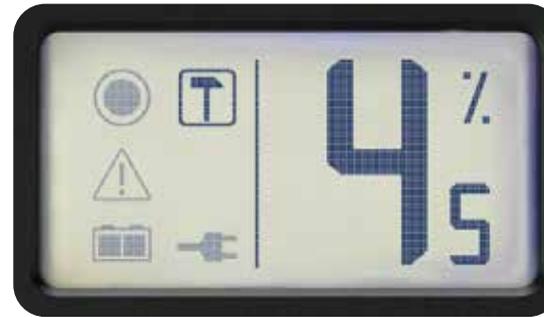
# Everything at a glance!

Energizers energy DUO RF EDX clearly show on a large LCD screen:

fence voltage | density of vegetation around the fence | the current impulse strength | earthing quality | battery voltage (if connected)

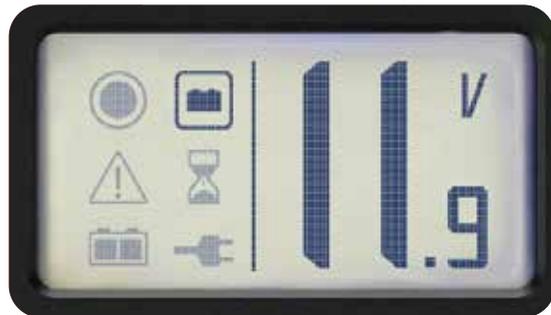


**OUTPUT VOLTAGE**



**OUTPUT POWER**

This information expresses energizer's output power, which depends on current conditions, loads and losses of the fence.



**BATTERY VOLTAGE**



**EARTHING MEASUREMENT**

Display shows different information on several screens, easily scroll between them using the control buttons.



**SETTINGS**  
button

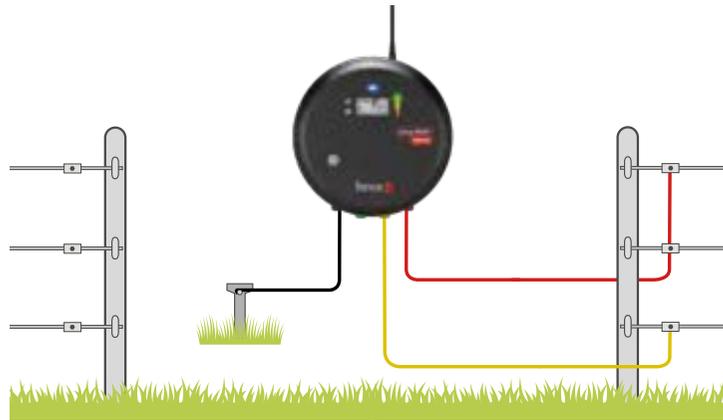


**CONFIRMATION**  
button

# Two outputs for full flexibility



Yellow terminal is used to connect fence with permanently reduced output energy. This terminal is used to connect fence for younger and smaller animals (foals, calves) running a weaker, approximately half-strength voltage. It is also connected separately on bottom wire of larger fence where the growth of dense vegetation is expected. This output is technologically treated against loss, and there is no leakage of voltage to the earth as with typical connections; thus the energizer power is not reduced. The other wires connected to the red terminal are powered separately and at full voltage.



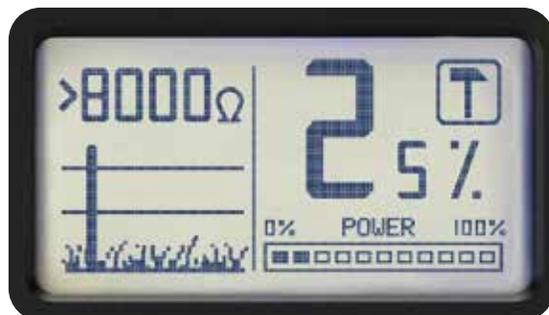
**1** Separate connection to the bottom wire where the growth of dense vegetation is expected.



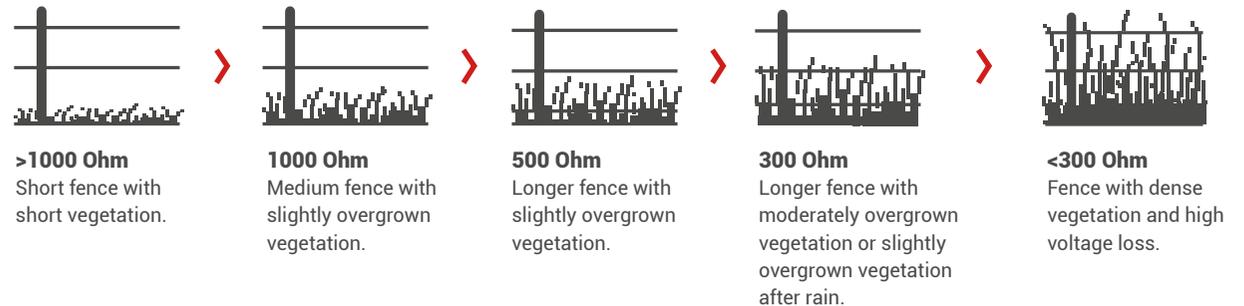
**2** Fence connection for smaller and younger animals.

-  Earthing connection
-  Fence connection with reduced power
-  Fence connection with full voltage

## INDICATION OF FENCE LOADING SCREEN:



## DISPLAY ICONS INDICATING THE FENCE LOADING:



# fencee energy DUO RF EDX



You can control the energizers using a mobile phone or PC.



Large graphic display with control buttons for easy operation.



LED lights and BARGRAF for displaying fence status and fault indication.



Time delay for power increase. Complies with special standards for energizers with power over 5 J.



Yellow terminal for reduced power. Suitable for smaller fences or fences with young animals.



Terminal for earthing quality measurement.



Optional regulation between high and low power.



You can use the remote controller as an accessory.

**Length of installation**  
with height of vegetation

TEOR.  
MAX CEE

25%

50%

100%



	TEOR. MAX CEE	25%	50%	100%
energy DUO RF EDX80	230 km	80 km	17 km	8 km
energy DUO RF EDX100	300 km	90 km	22 km	10 km
energy DUO RF EDX120	320 km	100 km	25 km	13 km
energy DUO RF EDX150	350 km	120 km	28 km	16 km



## energy DUO RF EDX80

Power **8 J**

Voltage **10500 V**

Output voltage 500 Ω **7500 V**

Suitable for more sensitive and also less sensitive animals.



**80**  
km

FENCE  
LENGTH

**230 V ~**  
6 – 11 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
200 – 750 mA

POWER SUPPLY  
CONSUMPTION



## energy DUO RF EDX100

Power **10 J**

Voltage **10500 V**

Output voltage 500 Ω **7500 V**

Suitable for more sensitive and also less sensitive animals.



**90**  
km

FENCE  
LENGTH

**230 V ~**  
6 – 14 W

POWER SUPPLY  
CONSUMPTION

**12 V ☑**  
200 – 850 mA

POWER SUPPLY  
CONSUMPTION



## energy DUO RF EDX120

Power **12 J**

Voltage **10500 V**

Output voltage 500 Ω **8000 V**

Suitable for more sensitive and also less sensitive animals.



**100**  
km

FENCE  
LENGTH

**230 V ~**  
6 – 17 W

POWER SUPPLY  
CONSUMPTION

**12 V ☑**  
200 – 1000 mA

POWER SUPPLY  
CONSUMPTION



## energy DUO RF EDX150

Power **15 J**

Voltage **10500 V**

Output voltage 500 Ω **8000 V**

Suitable for more sensitive and also less sensitive animals.



**120**  
km

FENCE  
LENGTH

**230 V ~**  
6 – 21 W

POWER SUPPLY  
CONSUMPTION

**12 V ☑**  
200 – 1250 mA

POWER SUPPLY  
CONSUMPTION

ALSO  
WORKS  
FOR ENEGIZERS  
**PDX**



## Remote controller **energy DUO RF EDX Hand**

**1** controller for **6** energizers | **3** controllers for **1** energizer

**10** RANGE  
UP TO

 ERROR  
MESSAGES

 **ON** TURNING  
ON/OFF

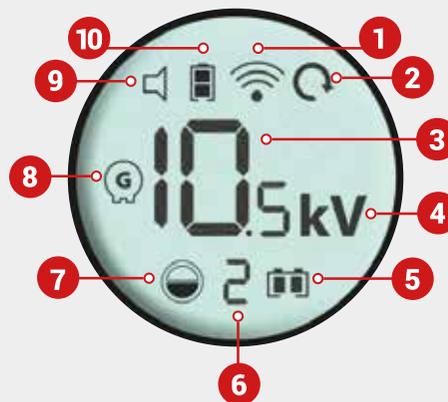
The energizer sends an error warning, that is displayed on the controller

-  Voltage drop in the fence below the set level (normally 3kV), i.e. there was a load on the fence due to various reasons (e.g. grass growth).
-  Voltage status on the battery is reported when the voltage drops below 12V.
-  Loss of signal report, which can be caused by several factors – usually the energizer has been shut down

DIMENSIONS	50 × 120 mm
WEIGHT	74 g
POWER SUPPLY	battery CR2

## Remote controller **display**

You can clearly see on the remote control's backlit display:



- 1** Signal strength
- 2** Update mode
- 3** Measured value
- 4** Measured unit
- 5** Energizer battery
- 6** Energizer number
- 7** Energizer power
- 8** Type of device
- 9** Sound alarm
- 10** Controller battery





# 30 hours saved per month

## thanks to the fencee Cloud system

The Smart Farm with the fencee Cloud application has helped to make the work of the employees and breeders of the Farm Vlkov more efficient. The hours saved are spent on activities that they did not have time for before.

**740 pcs**

BREEDING CATTLE



**11 RF**

ACTIVE DEVICES



**940 ha**

FARMLAND

*“ With fencee Cloud system, I can be sure of the correct operation of all electric fences. The biggest benefit in our case is the constant supervision of the fences with livestock and the fact that I can have peace of mind. I'm checking conveniently from my phone from wherever I want, and I see that as a great time-saving opportunity. ”*

**Ing. Josef Šmíd** | zoo technician – Farm Vlkov

# fencee power DUORF PDX

RF energizers **power DUORF PDX** with power up to 7 J.  
Possibility of remote control with hand controller or mobile phone with the fencee Cloud app.

	power DUORF PDX10	power DUORF PDX20	power DUORF PDX30	power DUORF PDX40	power DUORF PDX50	power DUORF PDX70
POWER SUPPLY	230 V ~ / 3 W	230 V ~ / 5 W	230 V ~ / 5 W	230 V ~ / 9 W	230 V ~ / 9 W	230 V ~ / 12 W
POWER CONSUMPTION	12 V 40 – 100 mA	12 V 40 – 160 mA	12 V 80 – 260 mA	12 V 140 – 340 mA	12 V 100 – 440 mA	12 V 300 – 770 mA
INPUT ENERGY	1,4 J	3 J	4,5 J	5,7 J	7,5 J	10 J
OUTPUT ENERGY	1 J	2 J	3 J	4 J	5 J	7 J
OUTPUT VOLTAGE	9000 V	12000 V	11200 V	10000 V	11000 V	10500 V
OUTPUT VOLTAGE 500 Ω	5000 V	6000 V	6400 V	5500 V	6600 V	7500 V
ON / OFF						
LED ON / OFF						
LED IMPULSE						
LED LOW BATTERY VOLTAGE						
LED POWER LOWER 50%						
LED ERROR CHECK						
LED IMPULSE BARGRAPH						
TIME DELAY						
EARTHING 1 m	1 ×	2 ×	2 ×	3 ×	3 ×	3 ×
EL. NETS	3 ×	5 ×	6 ×	6 ×	8 ×	14 ×
EXTERNAL ANTENNA SMA						
DATA ENCODING						
CONTROLLER BATTERY	CR2	CR2	CR2	CR2	CR2	CR2
TRANSMISSION FREQUENCY	869,525 MHz	869,525 MHz	869,525 MHz	869,525 MHz	869,525 MHz	869,525 MHz
TRANSMITTING POWER	+ 22 dBm	+ 22 dBm	+ 22 dBm	+ 22 dBm	+ 22 dBm	+ 22 dBm
DIN RAIL						
DIAMETER	210 mm					
DEPTH	66 mm					
WEIGHT	1800 g					



PHONE CONTROL



CURRENT INFO ABOUT THE FENCE



ALARM SIGNALLING





**Cloud CONNECTION**



**TIP**

Use external antenna for a range **up to 30 km.**

Basic antenna range up to 10 km



Find out more about **power DUO RF PDX energizers**



UP TO  
**70 km**  
FENCE

JOULE  
**1 - 7**  
POWER

**230 V ~**  
**12 V**  
POWER SUPPLY

# fencee power DUO RF PDX



You can control the energizers using a mobile phone or PC.



LED lights and BARGRAPH for displaying fence status and fault indication.



Optional regulation between high and low power.



The controller is part of the package and its basic range is 10 km.  
1 controller for 6 energizers | 3 controllers for 1 energizer



Control and management of battery status.



Time delay for power increase. Complies with special standards for energizers with power over 5 J.

Length of installation  
with height of vegetation



	TEOR. MAX. CEE	25%	50%	100%
power DUO RF PDX10	35 km	8 km	2 km	1,5 km
power DUO RF PDX20	60 km	15 km	3 km	1,5 km
power DUO RF PDX30	100 km	23 km	5 km	2 km
power DUO RF PDX40	120 km	30 km	8 km	3 km
power DUO RF PDX50	140 km	40 km	10 km	4 km
power DUO RF PDX70	180 km	70 km	17 km	8 km



## power DUO RF PDX10

Power **1 J**

Voltage **9000 V**

Output voltage 500 Ω **5000 V**

Suitable for more sensitive and also less sensitive animals.



**8**  
km

FENCE  
LENGTH

**230 V ~**  
**3 W**

POWER SUPPLY  
CONSUMPTION

**12 V**   
**40 – 100 mA**

POWER SUPPLY  
CONSUMPTION



**power DUO RF PDX20**

Power **2 J**  
 Voltage **12000 V**  
 Output voltage 500 Ω **6000 V**

Suitable for more sensitive and also less sensitive animals.



<b>15 km</b>	<b>230 V ~</b> 5 W	<b>12 V ☑</b> 40 – 160 mA
FENCE LENGTH	POWER SUPPLY CONSUMPTION	POWER SUPPLY CONSUMPTION



**power DUO RF PDX30**

Power **3 J**  
 Voltage **11200 V**  
 Output voltage 500 Ω **6400 V**

Suitable for more sensitive and also less sensitive animals.



<b>23 km</b>	<b>230 V ~</b> 5 W	<b>12 V ☑</b> 80 – 260 mA
FENCE LENGTH	POWER SUPPLY CONSUMPTION	POWER SUPPLY CONSUMPTION



**power DUO RF PDX40**

Power **4 J**  
 Voltage **10000 V**  
 Output voltage 500 Ω **5500 V**

Suitable for more sensitive and also less sensitive animals.



<b>30 km</b>	<b>230 V ~</b> 9 W	<b>12 V ☑</b> 140 – 340 mA
FENCE LENGTH	POWER SUPPLY CONSUMPTION	POWER SUPPLY CONSUMPTION



## power DUO RF PDX50

Power **5 J**

Voltage **11000 V**

Output voltage 500 Ω **6600 V**

Suitable for more sensitive and also less sensitive animals.



**40**  
km

FENCE  
LENGTH

**230 V ~**  
9 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
100 – 440 mA

POWER SUPPLY  
CONSUMPTION



## power DUO RF PDX70

Power **7 J**

Voltage **10500 V**

Output voltage 500 Ω **7500 V**

Suitable for more sensitive and also less sensitive animals.



**70**  
km

FENCE  
LENGTH

**230 V ~**  
12 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
300 – 770 mA

POWER SUPPLY  
CONSUMPTION



Time delay for power increase.





## Remote controller power DUO RF PDX Hand

1 controller for 6 energizers | 3 controllers for 1 energizer

**10** km RANGE UP TO

 ERROR MESSAGES

 TURNING ON/OFF

The energizer sends an error warning, that is displayed on the controller

-  Voltage drop in the fence below the set level (normally 3kV), i.e. there was a load on the fence due to various reasons (e.g. grass growth).
-  Voltage status on the battery is reported when the voltage drops below 12V.
-  Loss of signal report, which can be caused by several factors – usually the energizer has been shut down

DIMENSIONS	50 × 120 mm
WEIGHT	74 g
POWER SUPPLY	battery CR2

## Remote controller display

You can clearly see on the remote control's backlit display:



- 1 Signal strength
- 2 Update mode
- 3 Measured value
- 4 Measured unit
- 5 Energizer battery
- 6 Energizer number
- 7 Energizer power
- 8 Type of device
- 9 Sound alarm
- 10 Controller battery

# fencee battery DUO RF BDX

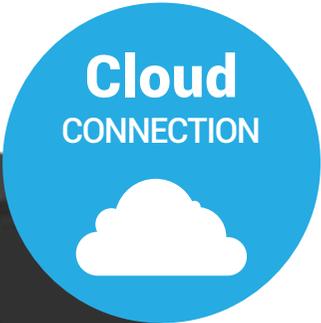
Portable battery-powered RF energizers with remote control possibility of connection to the fencee Cloud. Maximum flexibility thanks to combined power supply and the possibility to connect a 30 W solar panel.

	<b>battery DUO RF BDX10</b>	<b>battery DUO RF BDX20</b>	<b>battery DUO RF BDX30</b>	<b>battery DUO RF BDX50</b>
POWER SUPPLY	230 V ~ / 1,2 W	230 V ~ / 1,9 W	230 V ~ / 3 W	230 V ~ / 4,5 W
POWER CONSUMPTION	12 V ~ / 0,24–1,2 W 20 mA–100 mA	12 V ~ / 0,24–1,9 W 20 mA–160 mA	12 V ~ / 0,3W–3W 25 mA–250 mA	12 V ~ / 0,33–4,5 W 28 mA–380 mA
INPUT ENERGY	1,4 J	2,6 J	4 J	6,5 J
OUTPUT ENERGY	1 J	2 J	3 J	5 J
OUTPUT VOLTAGE	11000 V	11000 V	11000 V	11000 V
OUTPUT VOLTAGE 500 Ω	5000 V	5000 V	5500 V	6000 V
ON / OFF	✓	✓	✓	✓
LED IMPULS	✓	✓	✓	✓
LED LOW BATTERY VOLTAGE	✓	✓	✓	✓
LED ERROR CHECK	✓	✓	✓	✓
LED OPERATION ON SOLAR PANEL	✓	✓	✓	✓
LED INDICATION	✓	✓	✓	✓
BATTERY MANAGEMENT	✓	✓	✓	✓
LCD DISPLAY	✓	✓	✓	✓
SETTING/CONTROL BUTTON	✓	✓	✓	✓
SMART CONTROL	✓	✓	✓	✓
SAFE SHOCK	✓	✓	✓	✓
EARTHING 1 M	1×	2×	3×	4×
EL. FENCE NETS	5×	9×	13×	20×
DATA ENCODING	✓	✓	✓	✓
CONTROLLER BATTERY	CR2	CR2	CR2	CR2
TRANSMITTING FREQUENCY	869,525 MHz	869,525 MHz	869,525 MHz	869,525 MHz
TRANSMITTING POWER	22 dBm	22 dBm	22 dBm	22 dBm
DIMENSION H×W×D	38 × 31 × 21cm			
WEIGHT	2920 g			

**PHONE CONTROL**

**CURRENT INFO ABOUT THE FENCE**

**ALARM SIGNALLING**



UP TO  
**40 km**  
FENCE

JOULE  
**1 - 5**  
POWER

**230 V ~**  
**12 V**   
POWER SUPPLY



# fencee battery DUO RF BDX



Optional choice among 19 output power levels.



Highly bright LEDs for indication.



Control and management of battery status.



The remote control is included in the package and its basic range is 10 km.  
1 remote control for 6 energizers | 3 remote controls for 1 energizer



SafeShock specially shaped impulse curve for maximum safety.



Low and efficient energy consumption.

Length of installation  
with height of vegetation



	TEOR. MAX CEE	25%	50%	100%
battery DUO RF BDX10	42 km	12 km	6 km	1,5 km
battery DUO RF BDX20	60 km	22 km	10 km	3 km
battery DUO RF BDX30	100 km	32 km	13 km	5 km
battery DUO RF BDX50	140 km	40 km	16 km	6 km

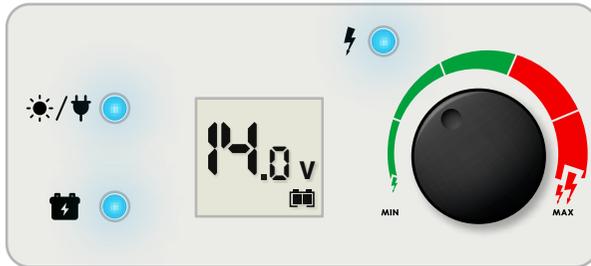


The device is suitable for operation from a 30 W solar panel. The connection clamps of the fence and grounding are very easy to access.

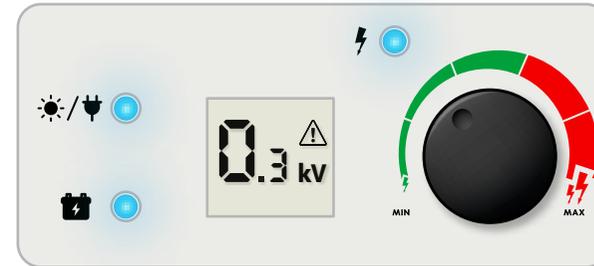


## Energizer display

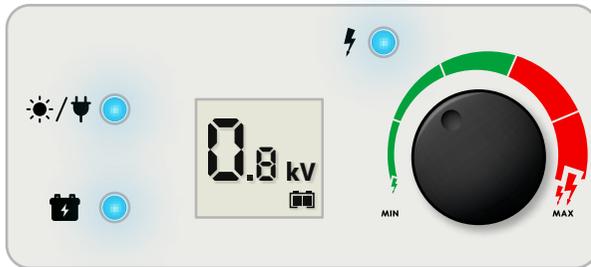
You can clearly see all important information on the display.



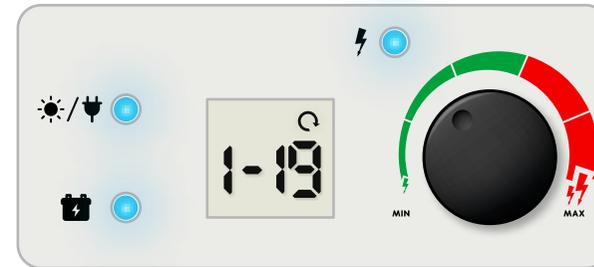
Energizer battery voltage.



Display of the minimum voltage level you can set for alarm triggering.



Voltage on the fence



Setting the output power. You can choose from 19 levels.

## LED signal

Clearly visible LEDs that inform you about.

-  Energizer is powered by solar panel or 230 mains adapter.
-  Battery charging and operating.
-  Energizer operating.

Manual rotary switch for all energizer settings.





## battery DUO RF BDX10

Power **1 J**

Voltage **11000 V**

Output voltage 500 Ω **5000 V**

Suitable for more and less sensitive animals.



**12**  
km

FENCE  
LENGTH

**230 V ~**  
1,2 W

POWER SUPPLY  
CONSUMPTION

**12 V **  
20 – 100 mA

POWER SUPPLY  
CONSUMPTION



## battery DUO RF BDX20

Power **2 J**

Voltage **11000 V**

Output voltage 500 Ω **5000 V**

Suitable for more and less sensitive animals.



**22**  
km

FENCE  
LENGTH

**230 V ~**  
1,9 W

POWER SUPPLY  
CONSUMPTION

**12 V **  
20 – 160 mA

POWER SUPPLY  
CONSUMPTION



## battery DUO RF BDX30

Power **3 J**

Voltage **11000 V**

Output voltage 500 Ω **5500 V**

Suitable for more and less sensitive animals.



**32**  
km

FENCE  
LENGTH

**230 V ~**  
3 W

POWER SUPPLY  
CONSUMPTION

**12 V **  
25 – 250 mA

POWER SUPPLY  
CONSUMPTION



## battery DUO RF BDX50

Power **5 J**

Voltage **11000 V**

Output voltage 500 Ω **6000 V**

Suitable for more and less sensitive animals.



**40**  
km

FENCE  
LENGTH

**230 V ~**  
4,5 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
28 – 380 mA

POWER SUPPLY  
CONSUMPTION



## DUO remote controller

**10**  
km  
RANGE  
UP TO



TURNING  
ON/OFF

**50%** **100%**  
POWER  
SWITCH



ERROR  
MESSAGES

The energizer sends error messages that are displayed on the remote controller.

- 📶 Voltage drop in the fence below the set level
- 📶 Battery voltage status report
- 📶 Loss of signal report

**1** controller for **6** energizers

**3** controllers for **1** energizer

## Solar panel 30 W with console for BDX energizers

Add a 30 W solar panel to the energizer and use the sun's natural power to recharge the 12 V battery.



**Solar panel 30 W**  
Art.Nr. 8535



**Console for 30 W panel**  
Art.Nr. 8536



# fencee solar DUO RF SDX

Portable solar fence energizer with integrated 8 W solar panel and 12 V/7 Ah battery.  
Solar portable RF energizers with remote control and connection to the fencee Cloud.

## solar DUO RF SDX08

POWER SOURCE	230 V ~ / 1,4 W
POWER CONSUMPTION	12 V ☒ 60 mA
INPUT ENERGY	1 J
OUTPUT ENERGY	0,8 J
OUTPUT VOLTAGE	10500 V
OUTPUT VOLTAGE 500 Ω	4500 V
BATTERIES	12 V / 7Ah
SOLAR PANEL	8 W
ON/OFF	✓
LED IMPULS	✓
LED LOW VOLTAGE BATTERY	✓
LED POWER SAVE MODE	✓
LED ERROR CHECK	✓
CONNECTION TO THE CLOUD	✓
REMOTE CONTROL RANGE	10 km
REMOTE CONTROL BATTERY	CR2
TRANSMITTING FREQUENCY	869,525 MHz
POWER TRANSMISSION	22 dBm
RECOMMENDED GROUNDING 1 m	1 ×
ELECTRIC FENCE NETS	3 ×
DIMENSION	36,5 × 21 × 28 cm
WEIGHT	2650 g





Thanks to the prepared groove on the device, mounting on a pole, T-post or U-post is very easy.



UP TO  
**15 km**  
FENCE

JOULE  
**0,8**  
POWER

**230 V ~**  
**12 V**   
POWER SUPPLY



# fencee solar DUORF SDX



The interval/time between pulses is approximately doubled, making the device power efficient and capable of powering the fences for up to 20 days on a single charge.



The driver is included in the package and its basic range is 10 km.  
1 controller for 6 energizers | 3 controllers for 1 energizer



Highly visible LEDs for fault indication.



Control and management of battery status.



High voltage transformer with long term protection.



SafeShock specially shaped impulse curve for maximum safety.



Low and efficient energy consumption.

Length of installation  
with height of vegetation

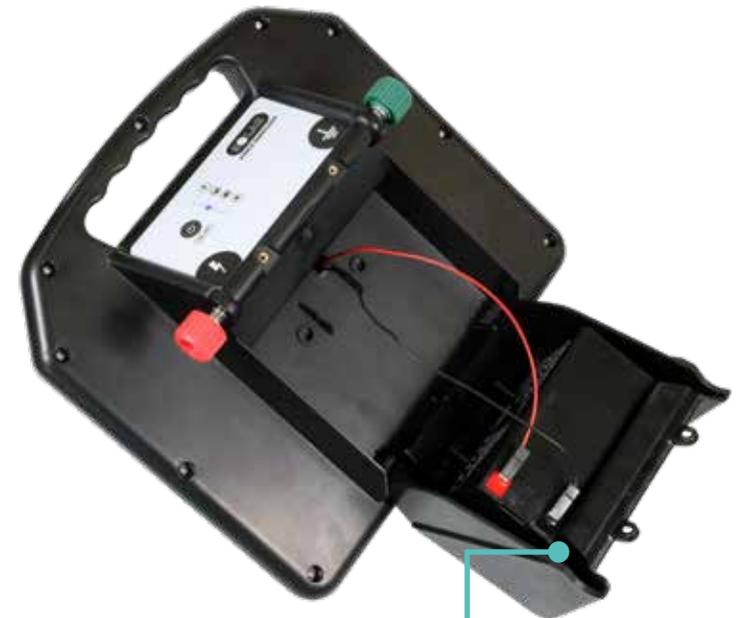


solar DUORF SDX08

30 km | 15 km | 10 km | 4 km



Control button and signal LED to display the status of the device.



Connectors for easy battery connection.



## solar DUO RF SDX08

Power **0,8 J**

Voltage **10500 V**

Output voltage 500 Ω **4500 V**

Suitable for more sensitive animals.



**15**  
km

FENCE  
LENGTH

**230 V ~**  
**1,4 W**

POWER  
CONSUMPTION

**12 V**   
**60 mA**

POWER  
CONSUMPTION



## DUO remote controller

**10**  
km RANGE  
UP TO



TURNING  
ON/OFF

50% 100% POWER  
SWITCH



ERROR  
MESSAGES

The energizer sends error messages that are displayed on the remote controller.

- ❶ Voltage drop in the fence below the set level
- ❷ Battery voltage status report
- ❸ Loss of signal report

**1** controller for **6** energizers

**3** controllers for **1** energizer



## Battery 12 V / 7 Ah

Battery for **solar DUO SD** and **SDX** energizers.

- Compact dimensions exactly for size of the energizers
- High capacity
- Connectors for easy connection

# FENCE **WiFi** GATEWAY **GW100**

- REMOTE CENTRAL CONTROL AND MANAGEMENT OF RF ENERGIZERS
- COMMUNICATION WITH THE CONTROL MONITOR

The central gateway is connected to the Cloud via Wi-Fi. Using the Cloud, you can control all connected devices from anywhere in the world via application in your mobile phone or the web interface.

- 📶 Power supply via network adapter and battery backup in case of power failure
- 📶 Internet control is not limited by distance
- 📶 One gateway can control up to 12 devices



FENCE WiFi GATEWAY GW100	
POWER SUPPLY	230 V / 50 Hz, 14 VDC
CONSUMPTION	max. 300 mA
BACKUP POWER	9,6 V – 800 mAh
LCD DISPLAY	✓
ALARM SYSTEM	✓
EXTERNAL ANTENNA CONNECTOR SMA	✓
NUMBER OF CONNECTED DEVICES	up to 12
RANGE WITH BASIC ANTENNA	up to 10 km
RANGE WITH EXTERNAL ANTENNA	up to 30 km
TRANSMISSION FREQUENCY	869,525 MHz
TRANSMITTING POWER	+22 dBm
DIMENSIONS	165 × 116 × 35 mm
WEIGHT	420 g

**WiFi** CONNECTION  
VIA Wi-Fi

**12** CONTROL UP TO  
12 DEVICES

CONTROL FROM  
ANYWHERE





# Modern Smart Farm under control



- 📶 Control via internet is not limited by distance
- 📶 Check and control up to 12 RF fencee devices
- 📶 Always up-to-date software with the possibility of upgrading over internet
- 📶 Overview screen with information about all devices
- 📶 Detailed display with parameters of an individual device
- 📶 Range with basic antenna up to 10 km



## TIP

Use external antenna for a range **up to 30 km**.



For more information on the correct installation of antennas, please refer to the leaflet.



# Perfect overview of the fence!

## DETAIL SCREEN

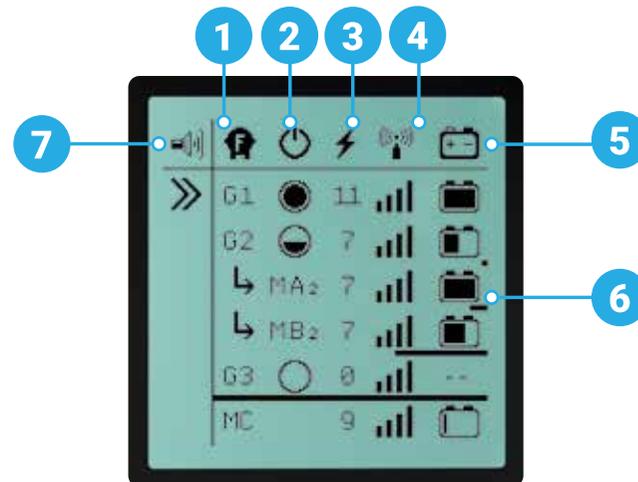
Well-arranged depiction of available information on the relevant device.



- 1 Device type
- 2 Energizer status and power
- 3 Signal level
- 4 Fence voltage [kV]
- 5 Energizer power output based on the current fencing load
- 6 Current set value for alarm activation [kV]
- 7 Battery voltage, only if connected [V], battery of Monitor MX10 (in %)
- 8 Time from last data transfer
- 9 Current fencing impedance
- 10 Wi-Fi gateway connection status
- 11 MAC address of the device

## OVERVIEW SCREEN

Displays all connected devices. You have an overview of status and performance of the device, signal quality. You can clearly see the individual battery states of all devices.



- 1 Device type – designation GX or MX  
G – indicates a energizer type device  
M – indicates a monitor type device  
X – indicates an optional name for distinguishing individual energizers 1–12 or monitors A–L
- 2 Energizer status and power
- 3 Last measured voltage on the fence [kV]
- 4 Radio signal level between device and gateway
- 5 Displays battery status, if battery available, or the monitor's battery status
- 6 Indication of last device response
- 7 Indication of audible warning status

# FENCE **WiFi** GATEWAY GW100

Works in combination with energizers

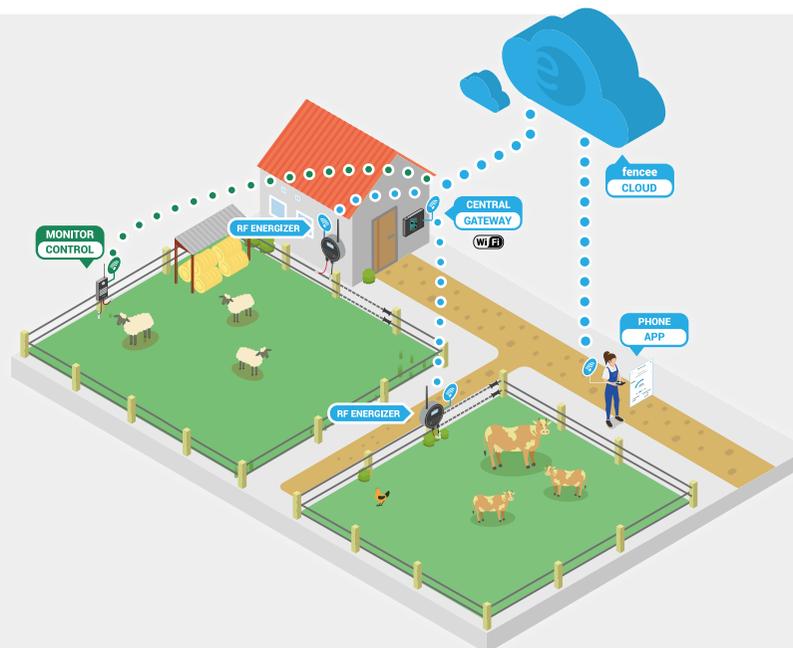
**solar DUO RF SDX, battery DUO RF BDx, power DUO RF PDX, energy DUO RF EDX**  
and monitoring device **Monitor MX10**

For connection to the fencee Cloud you can use mobile phone, tablet or computer.



## Modern Smart Farm with the fencee Cloud app

How it works and what are the benefits, everything in our video.



# App fencee Cloud

Free to download



# FENCE GATEWAY **GWC300**

## FENCE CELLULAR GATEWAY FOR REMOTE CENTRAL CONTROL AND MANAGEMENT OF SMART ENERGIZERS

### FENCE CELLULAR GATEWAY GWC300

POWER SUPPLY	230 V / 50 Hz, 14 VDC
CONSUMPTION	max. 300 mA
BACKUP BATTERY	3,6 V
LED INDICATION	✓
ALARM SYSTEM	✓
EXTERNAL CONNECTOR SMA	✓
NUMBER OF CONNECTED DEVICES	up to 20
RANGE WITH BASIC ANTENNA	up to 10 km
RANGE WITH EXTERNAL ANTENNA	up to 30 km
TRANSMISSION FREQUENCY	869,525 MHz
TRANSMITTING POWER RF	+22 dBm
TRANSMITTING POWER LTE	+22 dBm
TRANSMITTING POWER BLUETOOTH	+6 dBm
LTE	✓
Cat M1	✓
NB-IoT	✓
2G	✓
GPS	✓
BLUETOOTH	2,4 GHz
DIMENSIONS	78 × 144 × 42 mm
WEIGHT	380 g

Cloud CONNECTION



LTE TECHNOLOGY

**20** CONTROL UP TO 20 DEVICES



UNLIMITED CONTROL



SMART FARMING

# NEW



- Power supply via network adapter and battery backup in case of power failure
- Internet control is not limited by distance
- One gateway can control up to 20 devices
- Always up-to-date software with the possibility of upgrading over internet

**20** CONTROL UP TO  
20 DEVICES



UNLIMITED  
CONTROL



SAVE TIME  
AND MONEY



eSIM  
TECHNOLOGY



ONLINE  
SUPERVISION



LTE  
TECHNOLOGY



**Connect  
and control  
from anywhere**

# Smart Farm with fencee Cloud app at the sheep Farm Petrlak

A small sheep farm located in the Czech mountains. We talked to the owner Mr. Petrlak and his son Jakub to find out how satisfied they are with the Smart Farm system after almost two years of use.

**59** SUFFOLK SHEEP + **2 RF** ACTIVE DEVICES + **13 ha** FARMLAND =

**413 €**  
MONTHLY

**4.956 €**  
PER YEAR

SAVING

“Due to strong winds sometimes face a branch or a whole tree falling on the wires, that causes a short circuit on the fence. We can not imagine the time we would spend on finding the cause of the problem without the fencee app anymore.”

**Vlastimil Petrlák** | Owner of the farm

# Smart Farm fencee Cloud used by Sheep and Goats Breeders Association

## Catalogue of Smart Farm fencee Cloud

Find out all about our RF devices and Smart Farm options in our catalogue.

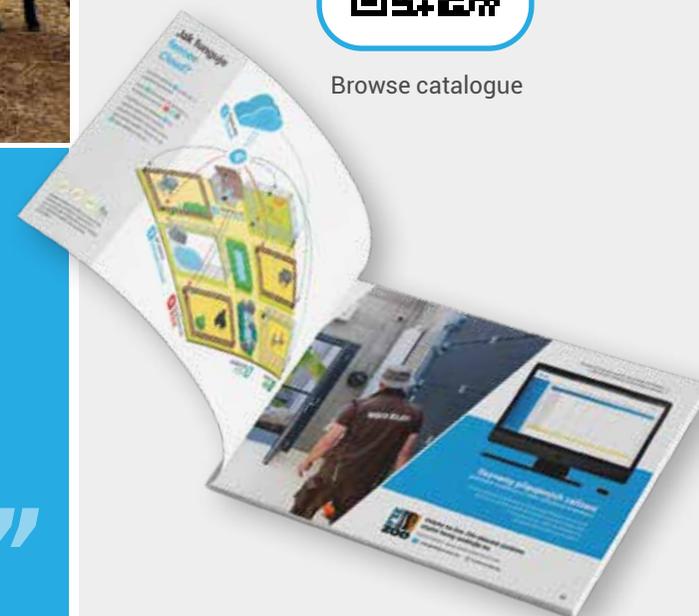


Browse catalogue



“With the app and the entire Smart Farm system we have a 24-hour-a-day overview of energizers outputs and fence conditions. This allows us to react immediately to any changes and know exactly where a problem occurs. That's where I see a big benefit for the breeders.”

**Ing. Jiří Huml** | Director of the Association

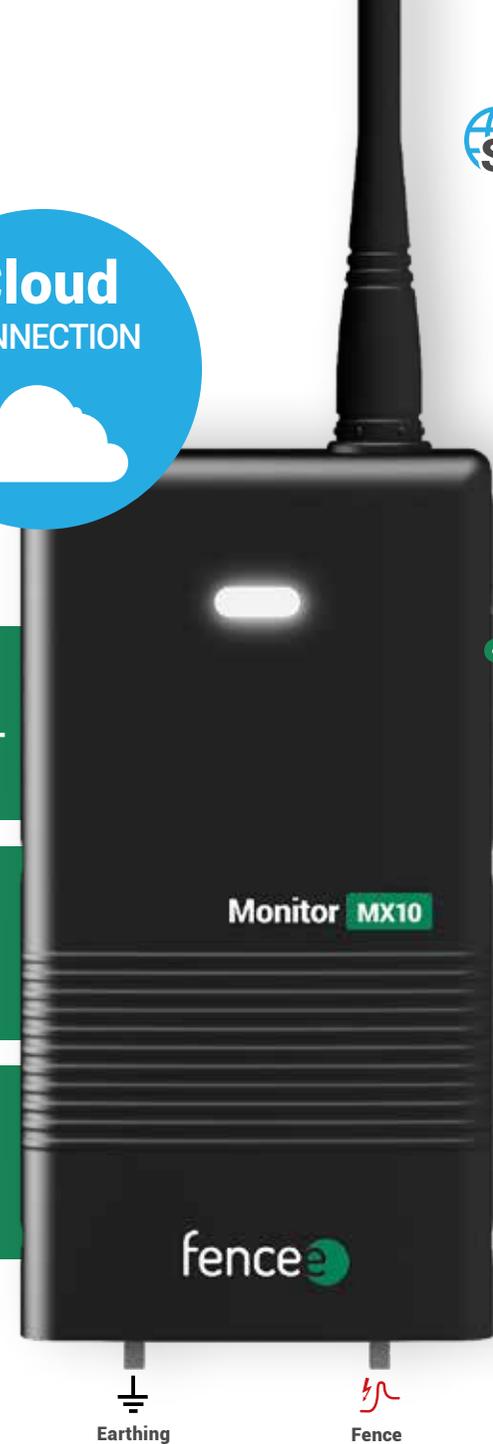
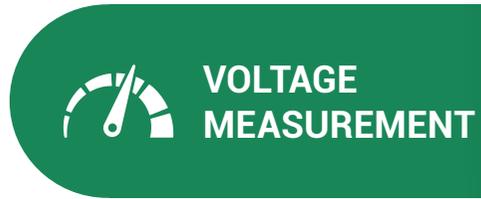


# Monitor **MX10**

## 24/7 REMOTE MONITORING OF FENCE VOLTAGE

It monitors key fence sections and immediately informs about the voltage drop. Measures the fence voltage and sends data to the gateway.

- 📶 Possibility for connecting more monitors to one fence – to divide single fence into more zones
- 📶 Battery life time 1 year / the whole season

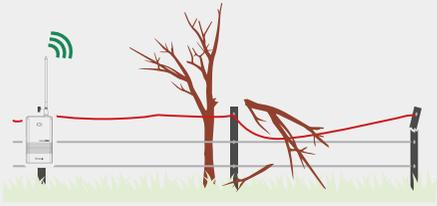


	Monitor MX10
LED INDICATION	✓
EXTERNAL CONNECTOR SMA	✓
SOUND SIGNAL	✓
MAGNETIC SWITCH MODE	✓
RANGE WITH BASIC ANTENNA	up to 10 km
RANGE WITH EXTERNAL ANTENNA	up to 30 km
TRANSMISSION FREQUENCY	869,525 MHz
TRANSMITTING POWER	+22 dBm
BATTERY	2 × C LR14
DIMENSION	78 × 144 × 42 mm
WEIGHT	325 g



Learn more about the **Monitor MX10**

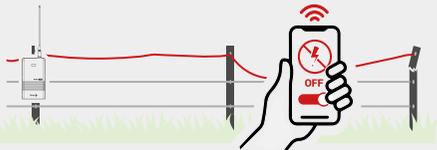
# How does it work?



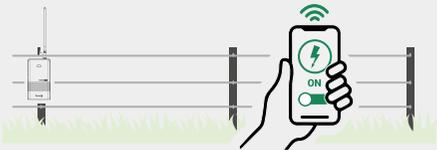
**1** The monitor recognizes a drop in the fence voltage and sends information to the central gateway.



**2** The gateway sends an alarm within a few seconds.

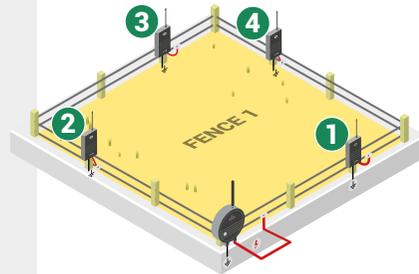


**3** You can switch off the power supply on fence conveniently via the fence Cloud application and eliminate a problem.



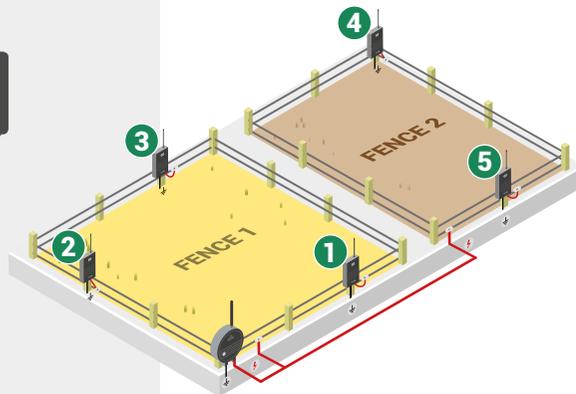
**4** Once the problem is eliminated, you can switch on the energizer using the app and check the fence voltage on your mobile phone.

# Monitors installation options



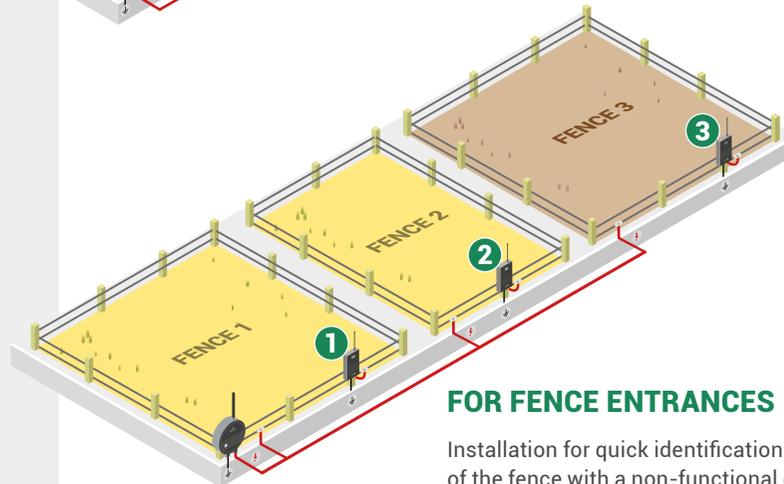
## STANDARD INSTALLATION

Fence divided into sections. If the voltage of a monitor drops, the and location of the problem identified.



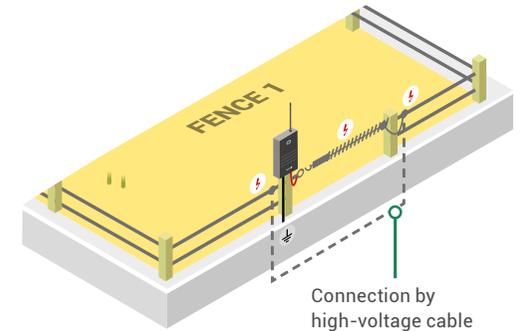
## FOR FENCE ENTRANCES AND IN PROBLEMATIC LOCATIONS – SECTIONS

Installation for an easy identification of the fence with a non-functional energizer or the location where problems may occur frequently, e.g. by the forest, by the water, in locations with dense vegetation.



## FOR FENCE ENTRANCES

Installation for quick identification of the fence with a non-functional energizer.



## CONTROL INSTALLATION FOR CLOSING A GATE

The monitor can also be installed on the gate insulator eye. If the handle hook is disconnected and the eye lacks voltage, the monitor evaluates the situation and sends an alarm to the gateway.

## TIP

Put the monitor in the key sections where voltage needs to be checked (fence entrance) or where frequent problems, for example, with vegetation, by the forest, by the water, or when disconnected fence gate, can be expected.

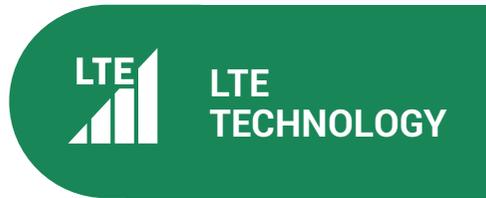
# Monitor **MC20**

## ELECTRIC FENCE VOLTAGE MONITORING 24/7

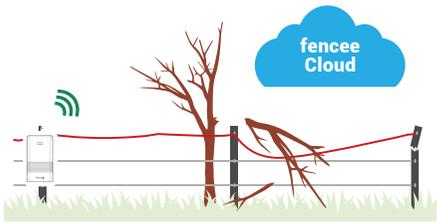
Monitor important electric fence values in the fencee Cloud app and get real-time warning alerts.



	LTE Monitor MC20
POWER SUPPLY	3 V
BATTERY	2 × 1,5 V Alkaline LR14 8000 mAh
INTEGRATED ANTENNAS	✓
LED INDICATION	✓
SOUND SIGNAL	✓
MAGNETIC SWITCH MODE	✓
LTE	✓
GPS	✓
NB-IoT	✓
BLUETOOTH	2,4 GHz
TRANSMITTING POWER LTE	+22 dBm
TRANSMITTING POWER BLUETOOTH	+6 dBm
DIMENSION	78 × 144 × 42 mm
WEIGHT	300 g



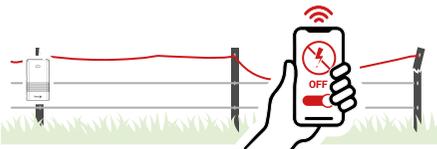
# How does it work?



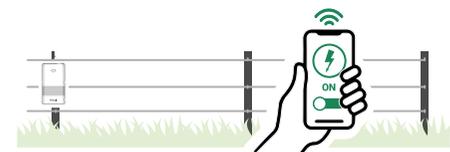
**1** The LTE monitor recognizes a drop in the fence voltage and sends information to the fencee Cloud.



**2** The fencee Cloud sends an alarm within a few seconds.



**3** You can switch off the power supply on fence conveniently via the fencee Cloud application and eliminate a problem.



**4** Once the problem is eliminated, you can switch on the energizer using the app and check the fence voltage on your mobile phone.



REAL-TIME  
WARNING ALERTS



ONLINE  
MONITORING



SAVES TIME  
AND COSTS



OPERATION  
WITHOUT FEES



Control your device  
from anywhere on your  
mobile phone with  
fencee Cloud app



# fencee **energy Smart DUO EDW**

Combined Wi-Fi energizers fencee **energy Smart DUO EDW** with high power up to 15 J, and the possibility of control via a mobile phone using the fencee Cloud application.

	<b>energy Smart DUO EDW80</b>	<b>energy Smart DUO EDW100</b>	<b>energy Smart DUO EDW150</b>
POWER SUPPLY CONSUMPTION	230 V ~ / 6–11 W 12 V 200–750 mA	230 V ~ / 6–14 W 12 V 200–850 mA	230 V ~ / 6–21 W 12 V 200–1250 mA
INPUT ENERGY	11 J	13 J	20 J
OUTPUT ENERGY	8 J	10 J	15 J
OUTPUT VOLTAGE	10500 V	10500 V	10500 V
OUTPUT VOLTAGE 500 Ω	7500 V	7500 V	8000 V
LCD DISPLAY	✓	✓	✓
ON / OFF	✓	✓	✓
LED ON / OFF	✓	✓	✓
LED IMPULSE	✓	✓	✓
LED LOW BATTERY VOLTAGE	✓	✓	✓
LED POWER LOWER 50%	✓	✓	✓
LED ERROR CHECK	✓	✓	✓
LED IMPULSE BARGRAPH	✓	✓	✓
TIME DELAY	✓	✓	✓
REDUCED OUTPUT TERMINAL	✓	✓	✓
EARTH MEASURING TERMINAL	✓	✓	✓
EXTERNAL ANTENNA SMA	✓	✓	✓
WI-FI TECHNOLOGY	2,4 GHz	2,4 GHz	2,4 GHz
WI-FI SECURITY	WPA2-PSK / WEP	WPA2-PSK / WEP	WPA2-PSK / WEP
EARTHING 1 m	4×	5×	6×
EL. NETS	22×	27×	38×
DIN RAIL	✓	✓	✓
DIMENSIONS	290 × 108 mm		
WEIGHT	3280 g		



**PHONE  
CONTROL**



**EARTHING  
MEASUREMENT**



**CONNECTION  
VIA WI-FI**



**Cloud**  
CONNECTION



energy Smart DUO



**EDW**

encee



Find out more about  
**energy Smart DUO EDW**  
energizers

UP TO  
**120 km**  
FENCE

JOULE  
**8–15**  
POWER

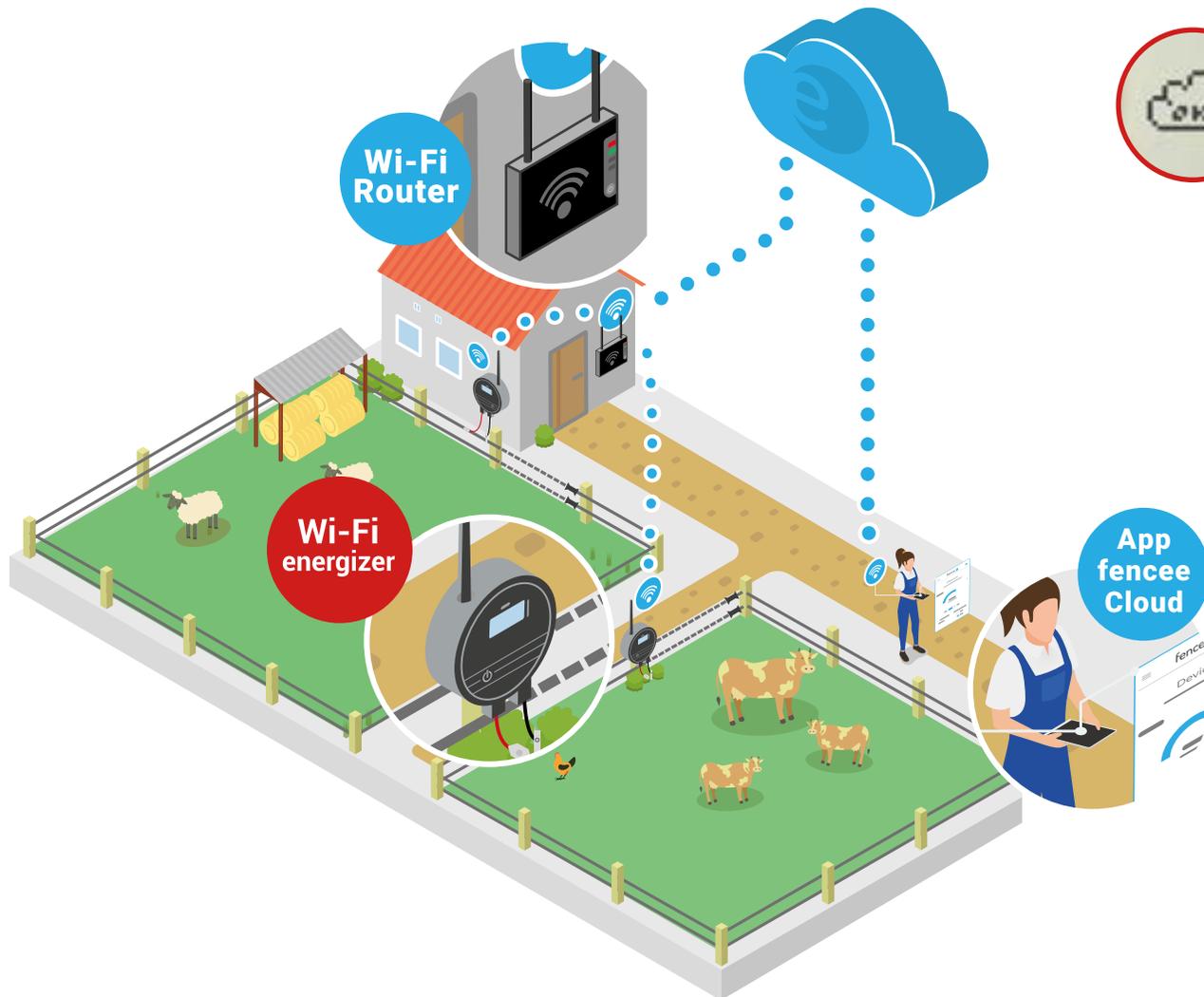
**230 V ~**  
**12 V**   
POWER  
SUPPLY



# Direct connection to a Wi-Fi network

Easily control a smart Wi-Fi energizer within range of your home network, without the need for a central WiFi Gateway.

- Simple connection of the Wi-Fi energizer directly to the 2.4GHz router
- Sending data directly to the Cloud and mobile phone
- 24/7 electric fence status information



# Important information at first glance

The energy Smart DUOEDW energizer display all important values on a large backlit LCD display.

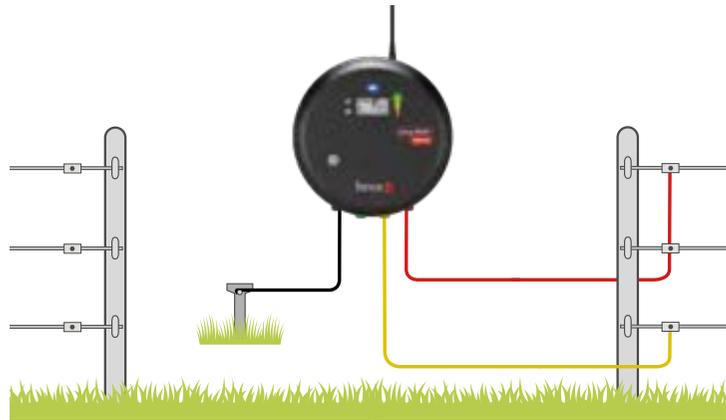
The Smart DUOEDW energizer display shows various status indicators and values on a large backlit LCD display. The display is divided into sections for connection signalling, earthing measurement, and output power.

- Connection Signalling:** Shows a large '10.2 kV' reading, a lightning bolt icon, a cloud with 'OK' icon, and a power plug icon.
- Earthing Measurement:** Shows a '540Ω' reading, a lightning bolt icon, a '0.38 kV' reading, and a power bar graph with '0% POWER 100%'.
- Output Power:** Shows a large '45%' reading, a lightning bolt icon, a warning triangle icon, and a power plug icon.

# Two outputs for full flexibility



Yellow terminal is used to connect fence with permanently reduced output energy. This terminal is used to connect fence for younger and smaller animals (foals, calves) running a weaker, approximately half-strength voltage. It is also connected separately on bottom wire of larger fence where the growth of dense vegetation is expected. This output is technologically treated against loss, and there is no leakage of voltage to the earth as with typical connections; thus the energizer power is not reduced. The other wires connected to the red terminal are powered separately and at full voltage.



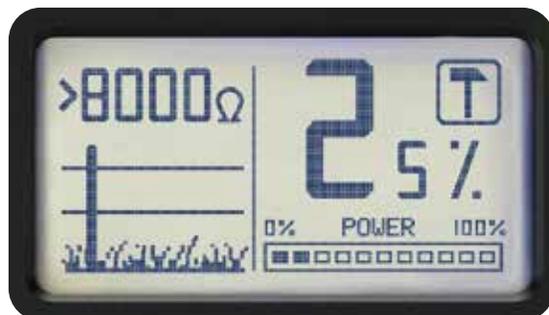
**1** Separate connection to the bottom wire where the growth of dense vegetation is expected.



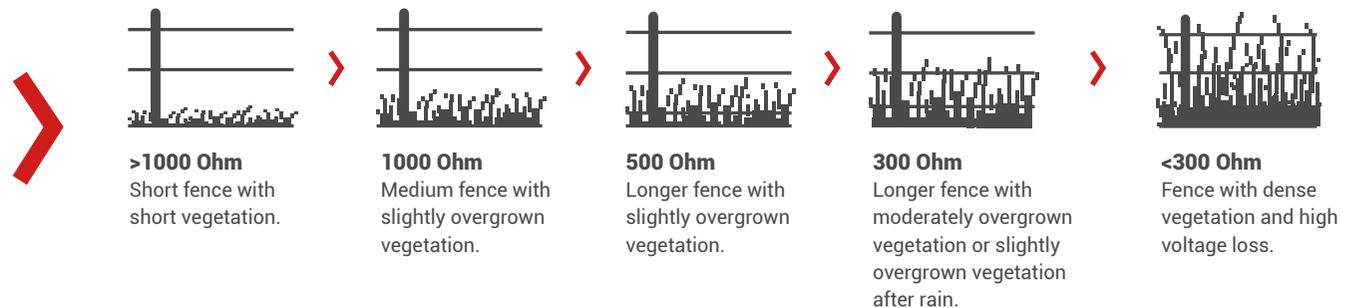
**2** Fence connection for smaller and younger animals.

-  Earthing connection
-  Fence connection with reduced power
-  Fence connection with full voltage

## INDICATION OF FENCE LOADING SCREEN:



## DISPLAY ICONS INDICATING THE FENCE LOADING:



# fencee energy Smart DUO EDW



You can control the energizers using a mobile phone or PC.



Direct connection via Wi-Fi to the fencee Cloud, without the need of a central Gateway.



Large graphic display with control buttons for easy operation.



LED lights and BARGRAF for displaying fence status and fault indication.



Time delay for power increase. Complies with special standards for energizers with power over 5 J.



Yellow terminal for reduced power. Suitable for smaller fences or fences with young animals.



Terminal for earthing quality measurement.



Optional regulation between high and low power.

Length of installation  
with height of vegetation

TEOR.  
MAX CEE

25%

50%

100%

energy Smart DUO EDW80

230 km

80 km

17 km

8 km

energy Smart DUO EDW100

300 km

90 km

22 km

10 km

energy Smart DUO EDW150

350 km

120 km

28 km

16 km



Waterproof connectors for battery and adapter.



Easily accessible output terminals for connection.



**energy Smart DUO EDW80**

Power **8 J**

Voltage **10500 V**

Output voltage 500 Ω **7500 V**

Suitable for all types of animals.



**80**  
km

FENCE  
LENGTH

**230 V ~**  
6 – 11 W

POWER SUPPLY  
CONSUMPTION

**12 V ☑**  
200 – 750 mA

POWER SUPPLY  
CONSUMPTION



**energy Smart DUO EDW100**

Power **10 J**

Voltage **10500 V**

Output voltage 500 Ω **7500 V**

Suitable for more sensitive and also less sensitive animals.



**90**  
km

FENCE  
LENGTH

**230 V ~**  
6 – 14 W

POWER SUPPLY  
CONSUMPTION

**12 V ☑**  
200 – 850 mA

POWER SUPPLY  
CONSUMPTION



**energy Smart DUO EDW150**

Power **15 J**

Voltage **10500 V**

Output voltage 500 Ω **8000 V**

Suitable for more sensitive and also less sensitive animals.



**120**  
km

FENCE  
LENGTH

**230 V ~**  
6 – 21 W

POWER SUPPLY  
CONSUMPTION

**12 V ☑**  
200 – 1250 mA

POWER SUPPLY  
CONSUMPTION

# fencee **energy DUO Cellular EDC**

Smart LTE energizers fencee **energy DUO Cellular EDC** with power 6 J up to 15 J.  
 These energizers allow direct connection to the internet and fencee Cloud through the latest technologies.

	<b>energy DUO Cellular EDC60</b>	<b>energy DUO Cellular EDC80</b>	<b>energy DUO Cellular EDC100</b>	<b>energy DUO Cellular EDC150</b>
POWER SUPPLY CONSUMPTION	230 V ~ / 5-8 W 12 V 417-573 mA	230 V ~ / 6-11 W 12 V 415-750 mA	230 V ~ / 6-14 W 12 V 443-800 mA	230 V ~ / 6-21 W 12 V 470-1400 mA
INPUT ENERGY	7,5 J	11 J	13 J	20 J
OUTPUT ENERGY	6 J	8 J	10 J	15 J
OUTPUT VOLTAGE	10500 V	10500 V	10500 V	10500 V
OUTPUT VOLTAGE 500 Ω	7000 V	7500 V	7500 V	8000 V
LCD DISPLAY	✓	✓	✓	✓
ON / OFF	✓	✓	✓	✓
LED ON / OFF	✓	✓	✓	✓
LED IMPULSE	✓	✓	✓	✓
LED LOW BATTERY VOLTAGE	✓	✓	✓	✓
LED POWER LOWER 50%	✓	✓	✓	✓
LED ERROR CHECK	✓	✓	✓	✓
LED IMPULSE BARGRAPH	✓	✓	✓	✓
TIME DELAY	✓	✓	✓	✓
REDUCED OUTPUT TERMINAL	✓	✓	✓	✓
EARTH MEASURING TERMINAL	✓	✓	✓	✓
EXTERNAL ANTENNA SMA	✓	✓	✓	✓
GPS LOCALIZATION	✓	✓	✓	✓
LTE	Cat M1 + NB1	Cat M1 + NB1	Cat M1 + NB1	Cat M1 + NB1
BLUETOOTH	4.1	4.1	4.1	4.1
EARTHING 1 m	3×	4×	5×	6×
EL. NETS	20×	22×	27×	38×
DIN RAIL	✓	✓	✓	✓
DIAMETER/DEPTH	290 x 108 mm			
WEIGHT	3301 g			



**PHONE  
CONTROL**

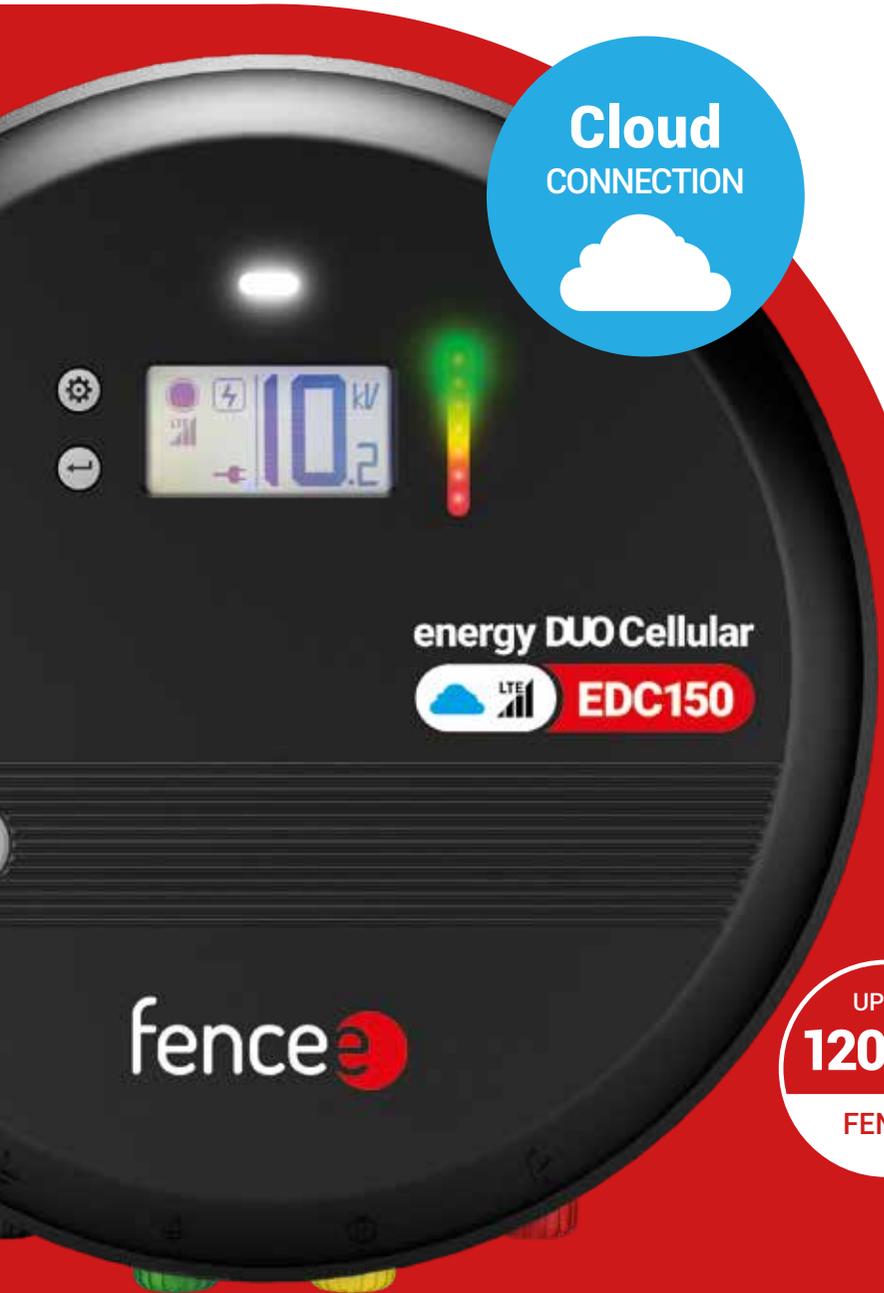


**E-SIM  
TECHNOLOGY**



**LTE  
TECHNOLOGY**





**Cloud**  
CONNECTION

AWARD ZLATÝ KLAS



For innovative  
contribution  
to modern  
agriculture.

energy DUO Cellular  
EDC150



More about LTE energizers  
energy DUO Cellular EDC

UP TO  
**120 km**  
FENCE

JOULE  
**6–15**  
POWER

**230 V ~**  
**12 V**   
POWER  
SUPPLY



# Direct connection to the Cloud

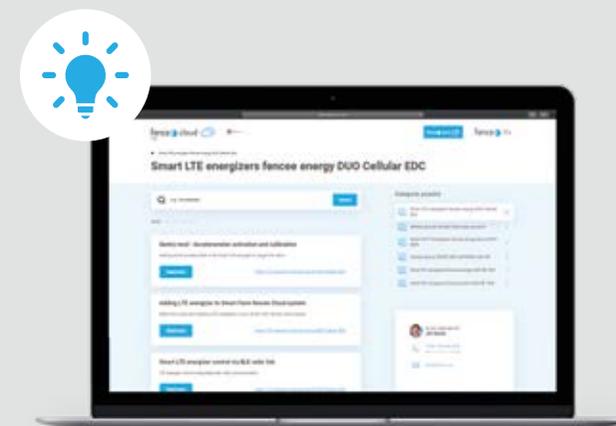
Smart LTE energizers allow direct connection to the fencee Cloud without the need for a central WiFi Gateway.

- Perfect visibility and control of the electric fence thanks to smart NB-IoT and LoRaWAN
- GPS, GLONASS, Galileo device location
- Technology e-SIM, LTE, Wi-Fi, Bluetooth
- Mobile phone control from anywhere



## Advice and guides

In our helpdesk, you will find advice on how to set up and properly use all the functions of smart LTE energizers.



[www.help.fencee.eu](http://www.help.fencee.eu)



# Important information at a glance

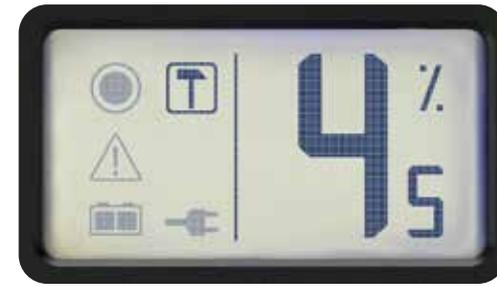
The energy DUO Cellular EDC energizers display all important values on a large backlit LCD display.



- Excellent signal
- Good signal
- Weak signal
- Bad signal
- No signal



EARTHING MEASUREMENT



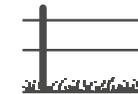
OUTPUT POWER



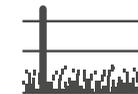
ENCLOSURE LOAD

# GPS function tracking in case of theft

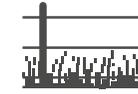
With GPS, you'll always know where your device is and can easily track it down if it's stolen.



>1000 Ohm  
short fence – short vegetation



1000 Ohm  
medium fence – slightly overgrown vegetation



500 Ohm  
longer fence – slightly overgrown vegetation



300 Ohm  
longer fence – moderately overgrown vegetation or slightly overgrown vegetation after rain



<300 Ohm  
dense vegetation – fence with high voltage losses

# fencee energy DUO Cellular EDC



You can control the energizers using a mobile phone or PC.



Fast and reliable LTE connection to the mobile internet network.



Modern e-SIM technology for connection to the mobile network.



GPS localization is always active and you can easily locate your device in case of theft or loss.



The motion sensor detects any unexpected movement of the device and notifies you immediately in the app.



The backup battery will ensure the functioning of the localization and motion sensor functions even if the power is disconnected.



Thanks to the technology used, the device is always connected the network and can be controlled from any location with a mobile signal.



## energy DUO Cellular EDC60

Power **6 J**

Voltage **10000 V**

Output voltage 500 Ω **7000 V**

Suitable for all types of animals.



Length of installation  
with height of vegetation

TEOR.  
MAX CEE

25%

50%

100%

	TEOR. MAX CEE	25%	50%	100%
energy DUO Cellular EDC60	210 km	75 km	14 km	5 km
energy DUO Cellular EDC80	230 km	80 km	17 km	8 km
energy DUO Cellular EDC100	300 km	90 km	22 km	10 km
energy DUO Cellular EDC150	350 km	120 km	28 km	16 km

**70**  
km

FENCE  
LENGTH

**230 V ~**  
**6 – 10 W**

POWER SUPPLY  
CONSUMPTION

**12 V**   
**400 – 680 mA**

POWER SUPPLY  
CONSUMPTION



**energy DUO Cellular EDC80**

Power **8 J**  
Voltage **10500 V**  
Output voltage 500 Ω **7500 V**

Suitable for all types of animals.



<b>80</b> km	<b>230 V ~</b> 6 – 11 W	<b>12 V ☑</b> 200 – 750 mA
FENCE LENGTH	POWER SUPPLY CONSUMPTION	POWER SUPPLY CONSUMPTION



**energy DUO Cellular EDC100**

Power **10 J**  
Voltage **10500 V**  
Output voltage 500 Ω **7500 V**

Suitable for all types of animals.



<b>90</b> km	<b>230 V ~</b> 6 – 14 W	<b>12 V ☑</b> 200 – 850 mA
FENCE LENGTH	POWER SUPPLY CONSUMPTION	POWER SUPPLY CONSUMPTION



**energy DUO Cellular EDC150**

Power **15 J**  
Voltage **10500 V**  
Output voltage 500 Ω **8000 V**

Suitable for all types of animals.



<b>120</b> km	<b>230 V ~</b> 6 – 21 W	<b>12 V ☑</b> 200 – 1250 mA
FENCE LENGTH	POWER SUPPLY CONSUMPTION	POWER SUPPLY CONSUMPTION

# fencee power DUO Cellular PDC

Smart LTE energizers fencee **power DUO Cellular PDC** with output power 5 J.  
 These energizers allow direct connection to the internet and fencee Cloud using the latest technologies.

## power DUO Cellular PDC50

POWER SUPPLY	230 V ~ / 10 W
POWER CONSUMPTION	12 V ☒ 100 – 440 mA
INPUT ENERGY	7,5 J
OUTPUT ENERGY	5 J
OUTPUT VOLTAGE	12000 V
OUTPUT VOLTAGE 500 Ω	8000 V
ON / OFF	✓
LED ON / OFF	✓
LED IMPULSE	✓
LED ERROR CHECK	✓
LED IMPULSE BARGRAPH	✓
TEOR. MAX CEE	140 km
SMALL VEGETATION	45 km
MEDIUM VEGETATION	13 km
TALL VEGETATION	7 km
BLUETOOTH	4.1
LTE	Cat M1 + NB1
EARTHING 1 m	3x
EL. NETS	15x
DIN RAIL	✓
DIAMETER	210 mm
DEPTH	66 mm
WEIGHT	1445 g



PHONE CONTROL



E-SIM TECHNOLOGY



LTE TECHNOLOGY



**Cloud**  
CONNECTION



### Solar panel 100 W

Art.Nr. 8146

We recommend using a 100 W solar panel for maintenance-free operation anywhere in the pasture.



You can control the energizers using a mobile phone or PC.



Fast and reliable LTE connection to the mobile internet network.



Modern e-SIM technology for connection to the mobile network.



Thanks to the technology used, the device is always connected the network and can be controlled from any location with a mobile signal.



High voltage transformer with long term protection.



LED lights and BARGRAPH for displaying fence status and fault indication.



Optional regulation between high and low power.

UP TO  
**40 km**

FENCE

JOULE  
**5**

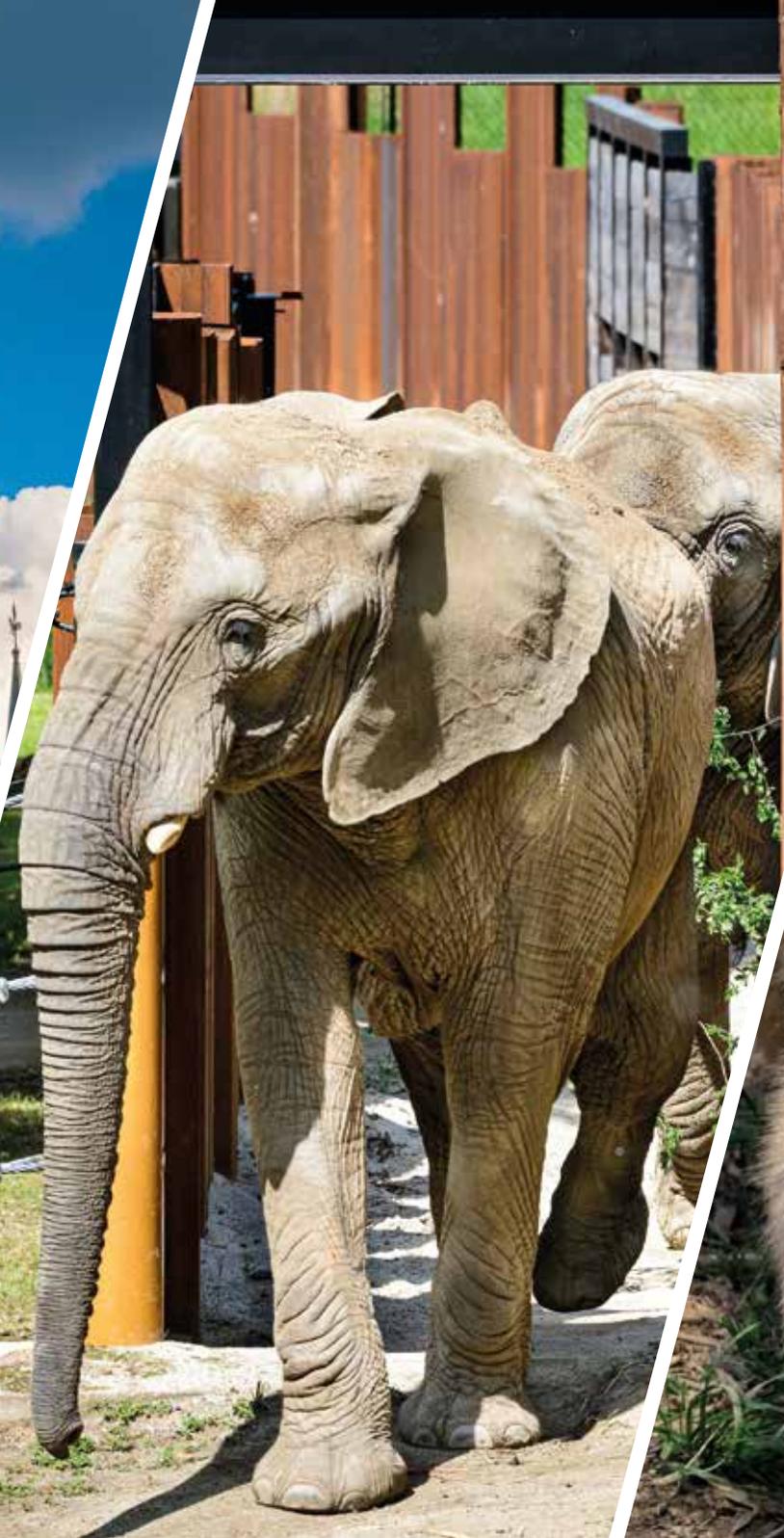
POWER

**230 V ~**  
**12 V**

POWER  
SUPPLY



Cellular  
**PDC50**



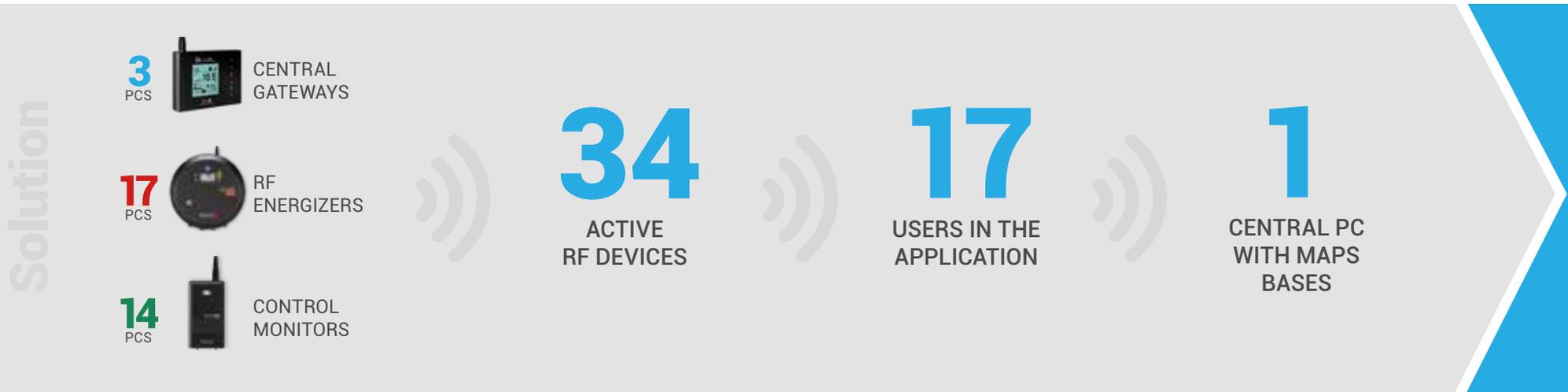


# Smart Farm fencee Cloud system in Zoo Zlín

A case study of the use and benefits of Smart Farm fencee in Zlín Zoo.

# Results speak for themselves

After the installation of the Smart Farm system in Zoo Zlín, the work of technicians and caretakers has become more efficient. Last but not least, the employees have gained a complete overview of the electric fences and are immediately informed on their smartphones if a problem occurs.



## Secured enclosures and animals

Take a look at the layout of the electric fences, which are secured by the Smart Farm system fencee Cloud.



# What says about the system

Ing. Roman Horský | director of Zoo Zlín 🇨🇪



“The new smart system fencee Cloud will allow us to have electric fences under control around the clock and will also make it easier detecting the specific section of failure. A truly unique system in every aspect.”

Result



**14 pcs** external antennas increase signal quality

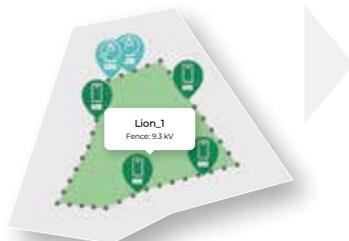
**30+** animals are protected

**+12 000 m<sup>2</sup>** the areas are monitored by the fencee Cloud system



**Katanga Lion**

*Panthera leo bleyenberghi*  
Enclosure area: **1260 m<sup>2</sup>**



**Gelada Baboon**

*Theropithecus gelada*  
Enclosure area: **4869 m<sup>2</sup>**



**American Jaguar**

*Panthera onca*  
Enclosure area: **2200 m<sup>2</sup>**

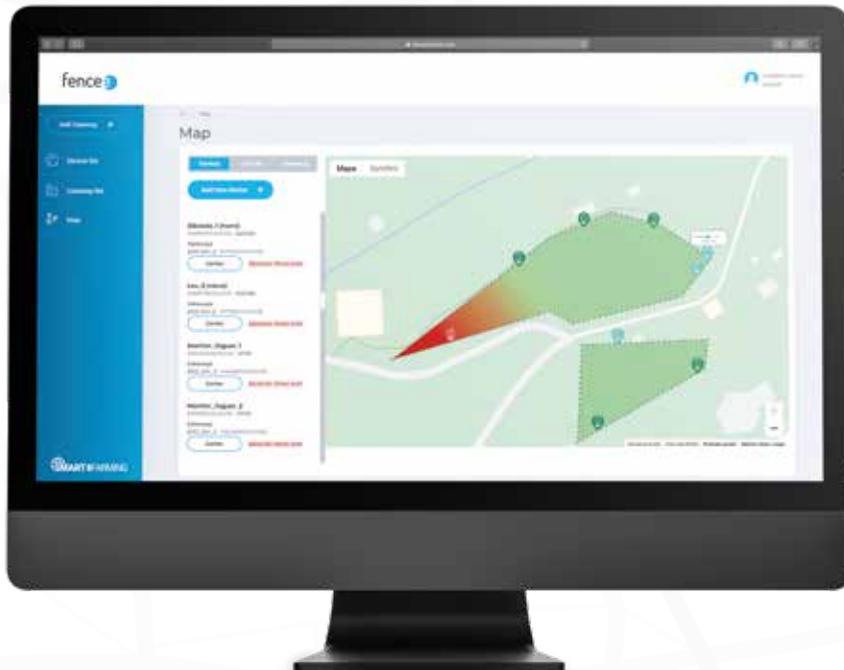


# How the system looks in use

## Map base with the real location of individual devices

Once the system was installed, all fences and devices were entered into the map base.

Overview of all Smart fences with a list of central units. ▶



## Virtual fence

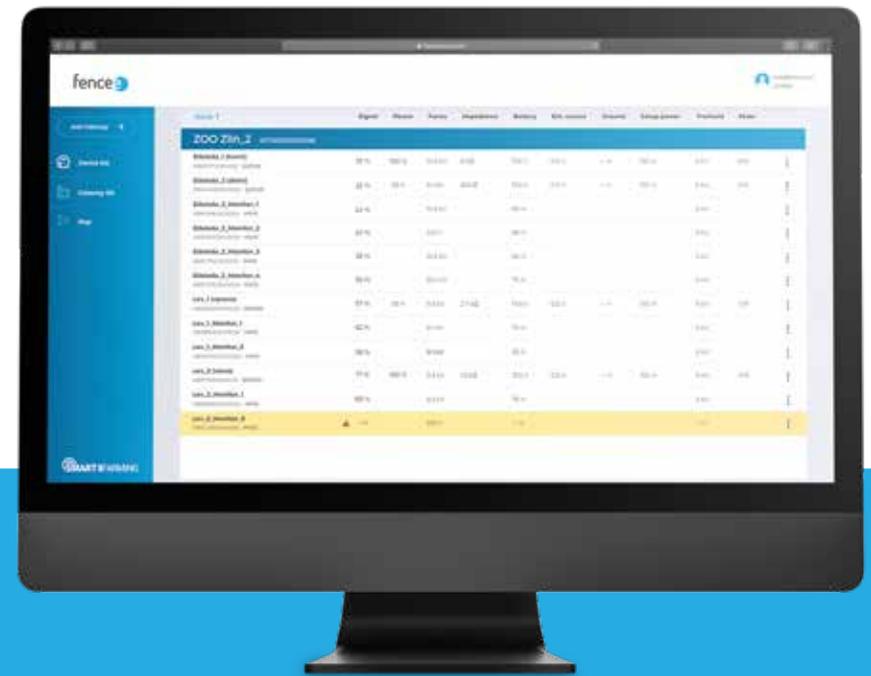
determine the exact location after the alarm occurs

All electric fences were plotted in the map base from which it is easy to see at a glance the location of a potential fault.

◀ The Gelada enclosure, when the Monitor MX10 alarm is activated, with list of all paired devices in the enclosure.



List of devices connected to the central GATEWAY No. 2 with alarm message on the Control Monitor. ▼



## Lists of connected devices clearly divided by all important values

All connected devices are split into clear lists which are sorted according to the respective central units. In the lists you can see the important values for individual devices.



Questions about the Smart Farm system can be directed in Zoo Zlín to:

Vlastimil Mizera – manager of electric fences at Zoo Zlín

✉ [energetik@zoozlin.eu](mailto:energetik@zoozlin.eu) 🌐 [www.zoozlin.eu](http://www.zoozlin.eu)

# Virtual fencing

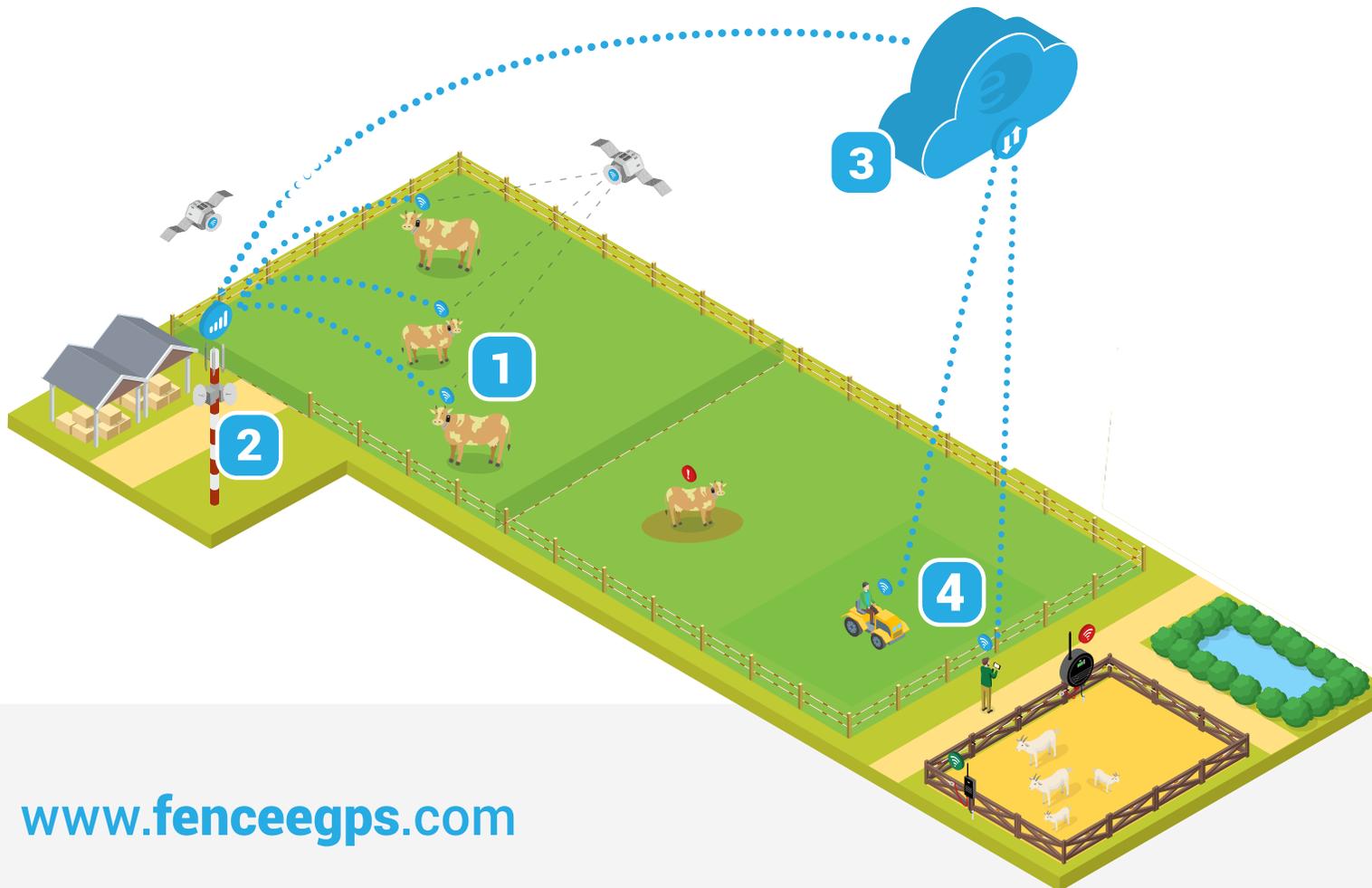
SOLAR POWERED SMART COLLARS  
FOR EASY HERD MANAGEMENT

## How does it work?

The livestock GPS collar **1** collects all important data.

Base station **2** collects data from all collars and sends it to the **3** Cloud.

The app **4** gives you an absolute control over your pastures and herds.



Monitor the activity and health of each animal.



Control your herd quickly and easily.



Increase your pasture productivity with our heat maps and virtual fences.



Save your time and costs on animal husbandry.

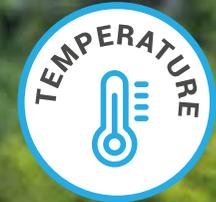


Continuous control of herds and animals.



Learn more about the fencee Virtual fencing

## Collar for **new possibilities** in livestock farming



**Track and move your  
herds from anywhere**

## What do you need?

TECHNOLOGY  
Bluetooth  
GPS  
RF



Cellular  
BASE Station



### 1 SMART COLLAR fencee GPS FX10

POWER SUPPLY	Li-Ion 3,7 V
INTEGRATED SOLAR PANEL	✓
BATTERY LIFE	1 season
TRANSMITTING FREQUENCY	869,525 MHz
POWER TRANSMISSION	+22 dBm
INTEGRATED ANTENNAS	✓
RGB LED DIODES	✓
SOUND	✓
MAGNETIC SWITCH	✓
PROTECTION	IPX6
DIMENSIONS	149 × 108 × 49 mm
WEIGHT	595 g

### 2 OUTDOOR GATEWAY fencee FGX100

POWER SUPPLY	12 V ☑
CONSUMPTION	200 - 1500 mA
CONNECTION POINTS	250 / 500
TRANSMITTING FREQUENCY	869,525 MHz
POWER TRANSMISSION	+22 dBm
RF ANTENNA	N-Female
LTE - 4G, GPS, Wi-Fi	SMA-Female
LED INDICATION	✓
ON/OFF BUTTON	✓
PROTECTION	IPX6
DIMENSIONS	290 × 85 × 69 mm
WEIGHT	1135 g

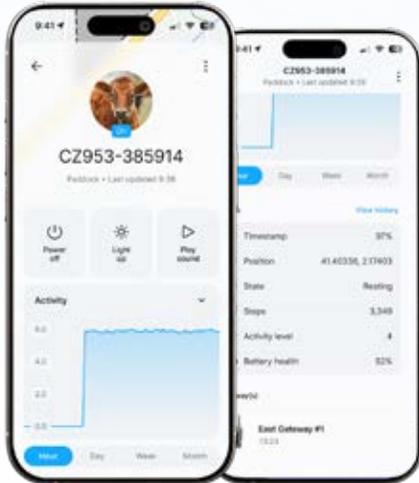
### 3 FENCE BATTERY MANAGEMENT fencee FBM40/100

POWER VOLTAGE	12 V
POWER CURRENT	10 A
BATTERY CAPACITY	44 Ah
LIGHTNING ARRESTER	✓
LED CONTROL	✓
SOLAR PANEL	40 W / 100 W
POWER VOLTAGE	18,7 V / 22,4 V
POWER CURRENT	2,14 A / 4,46 A
DIMENSIONS	370 × 120 × 87 cm
TOTAL WEIGHT	19,7 kg / 24,2 kg

## 4 MOBILE APP fence Cloud

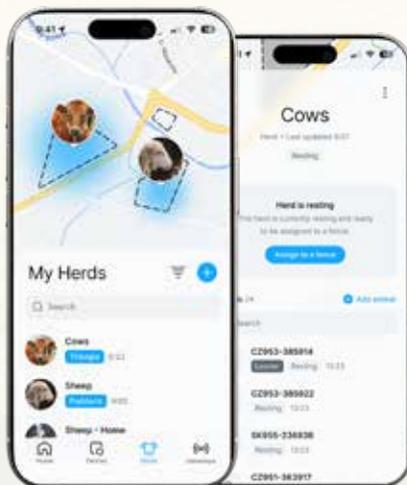
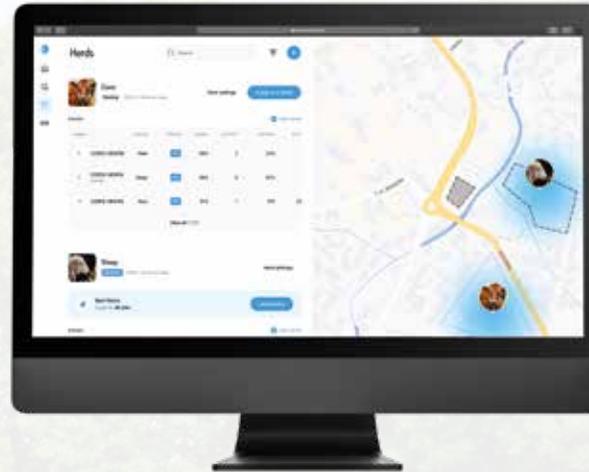
You can find all the information about the animals in the new app.

# Locate and monitor animals on your phone or PC



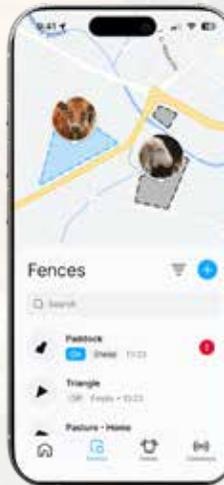
### ANIMAL OVERVIEW AND DATA

Alerts on all important health functions, activity and temperature.



### HERDS AND TRACKING

Get an overview of current location and movements of your animals.



### VIRTUAL FENCE

Create, edit and remove pastures. Alerts for exit, entrance, theft.



# fencee **energy DUO ED**

Combined energizers fencee **energy DUO ED** with high power up to 15 J, LCD display and control push buttons for easy setting.

	<b>energy DUO ED80</b>	<b>energy DUO ED100</b>	<b>energy DUO ED120</b>	<b>energy DUO ED150</b>
POWER SUPPLY CONSUMPTION	230 V~ / 6-11 W 12 V  200-750 mA	230 V~ / 6-14 W 12 V  200-850 mA	230 V~ / 6-17 W 12 V  200-1000 mA	230 V~ / 6-21 W 12 V  200-1250 mA
INPUT ENERGY	11 J	13 J	15 J	20 J
OUTPUT ENERGY	8 J	10 J	12 J	15 J
OUTPUT VOLTAGE	10000 V	10000 V	10500 V	10500 V
OUTPUT VOLTAGE 500 Ω	7000 V	7000 V	7500 V	7500 V
LCD DISPLAY	✓	✓	✓	✓
ON / OFF	✓	✓	✓	✓
LED ON / OFF	✓	✓	✓	✓
LED IMPULSE	✓	✓	✓	✓
LED LOW BATTERY VOLTAGE	✓	✓	✓	✓
LED POWER LOWER 50%	✓	✓	✓	✓
LED ERROR CHECK	✓	✓	✓	✓
LED IMPULSE BARGRAPH	✓	✓	✓	✓
TIME DELAY	✓	✓	✓	✓
REDUCED OUTPUT	✓	✓	✓	✓
EARTHING 1 m	4×	5×	5×	6×
EL. NETS	22×	27×	32×	38×
DIN RAIL	✓	✓	✓	✓
DIAMETER	290 mm			
DEPTH	108 mm			
WEIGHT	3650 g			



DISPLAY



SETTING  
BUTTONS



EXTREME  
POWER





It is easily legible from a distance even in direct sunlight due to adjustable display contrast.



Learn more about the energy DUO ED



## Nothing but performance

UP TO  
**120 km**  
FENCE

JOULE  
**8 – 15**  
POWER

**230 V ~**  
**12 V**   
POWER SUPPLY



# fencee energy DUO ED



Large graphic display with control buttons for easy operation.



LED lights and BARGRAPH for displaying fence status and fault indication.



Time delay for power increase. Complies with special standards for energizers with power over 5 J.



Yellow terminal for reduced power. Suitable for smaller fences or fences with young animals.



Optional regulation between high and low power.



Control and management of battery status.



## energy DUO ED80

Power **8 J**

Voltage **10000 V**

Output voltage 500 Ω **7000 V**

Suitable for more sensitive and also less sensitive animals.



Length of installation  
with height of vegetation



	TEOR. MAX GEE	25%	50%	100%
energy DUO ED80	230 km	80 km	17 km	8 km
energy DUO ED100	300 km	90 km	22 km	10 km
energy DUO ED120	320 km	100 km	25 km	13 km
energy DUO ED150	350 km	120 km	28 km	16 km

**80**  
km

FENCE  
LENGTH

**230 V ~**  
6 – 11 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
200 – 750 mA

POWER SUPPLY  
CONSUMPTION



### energy DUO ED100

Power **10 J**

Voltage **10000 V**

Output voltage 500 Ω **7000 V**

Suitable for more sensitive and also less sensitive animals.



**90**  
km

FENCE  
LENGTH

**230 V ~**  
6 – 14 W

POWER SUPPLY  
CONSUMPTION

**12 V ☑**  
200 – 850 mA

POWER SUPPLY  
CONSUMPTION



### energy DUO ED120

Power **12 J**

Voltage **10500 V**

Output voltage 500 Ω **7500 V**

Suitable for more sensitive and also less sensitive animals.



**100**  
km

FENCE  
LENGTH

**230 V ~**  
6 – 17 W

POWER SUPPLY  
CONSUMPTION

**12 V ☑**  
200 – 1000 mA

POWER SUPPLY  
CONSUMPTION



### energy DUO ED150

Power **15 J**

Voltage **10500 V**

Output voltage 500 Ω **7500 V**

Suitable for more sensitive and also less sensitive animals.



**120**  
km

FENCE  
LENGTH

**230 V ~**  
6 – 21 W

POWER SUPPLY  
CONSUMPTION

**12 V ☑**  
200 – 1250 mA

POWER SUPPLY  
CONSUMPTION

# fencee power DUO PD

fencee **power DUO PD** series with combined power supply for universal use. Energizers of power 1 – 7 J with a possible installation length up to 70 km.

	power DUO PD10	power DUO PD20	power DUO PD30	power DUO PD40	power DUO PD50	power DUO PD70
POWER SUPPLY	230 V~ / 3 W	230 V~ / 5 W	230 V~ / 5 W	230 V~ / 9 W	230 V~ / 9 W	230 V~ / 12 W
POWER CONSUMPTION	12 V  40 – 100 mA	12 V  40 – 140 mA	12 V  80 – 240 mA	12 V  80 – 320 mA	12 V  100 – 420 mA	12 V  300 – 750 mA
INPUT ENERGY	1,4 J	3 J	4,5 J	5,7 J	7,5 J	10 J
OUTPUT ENERGY	1 J	2 J	3 J	4 J	5 J	7 J
OUTPUT VOLTAGE	9000 V	12000 V	11200 V	10000 V	11000 V	10500 V
OUTPUT VOLTAGE 500 Ω	5000 V	6000 V	6400 V	5500 V	6600 V	7500 V
ON / OFF						
LED ON / OFF						
LED IMPULSE						
LED LOW BATTERY VOLTAGE						
LED POWER LOWER 50%						
LED ERROR CHECK						
LED IMPULSE BARGRAPH						
TIME DELAY						
EARTHING 1 m	1 ×	2 ×	2 ×	3 ×	3 ×	3 ×
EL. NETS	3 ×	5 ×	6 ×	6 ×	8 ×	14 ×
DIN RAIL						
DIAMETER	210 mm					
DEPTH	66 mm					
WEIGHT	1700 g					



LED  
BARGRAPH



POWER  
REGULATION



BATTERY  
MANAGEMENT



High-performance  
and reliable  
in all situations

UP TO  
**70 km**  
FENCE

JOULE  
**1 - 7**  
POWER

**230 V ~**  
**12 V**   
POWER  
SUPPLY



# fencee power DUO PD



LED lights and BARGRAPH for displaying fence status and fault indication.



Optional regulation between high and low power.



Control and management of battery status.



High voltage transformer with long term protection.



The SafeShock technology ensures maximum safety for your animals. Specially shaped impulse curve.



Time delay for power increase. Complies with special standards for energizers with power over 5 J.

Length of installation  
with height of vegetation



	TEOR. MAX CEE	25%	50%	100%
power DUO PD10	35 km	8 km	2 km	1,5 km
power DUO PD20	60 km	15 km	3 km	1,5 km
power DUO PD30	100 km	23 km	5 km	2 km
power DUO PD40	120 km	30 km	8 km	3 km
power DUO PD50	140 km	40 km	10 km	4 km
power DUO PD70	180 km	70 km	17 km	8 km



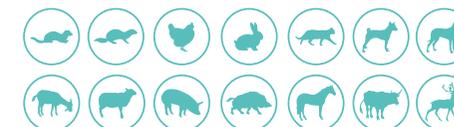
power DUO PD10

Power **1 J**

Voltage **9000 V**

Output voltage 500 Ω **5000 V**

Suitable for more sensitive and also less sensitive animals.



**8**  
km

FENCE  
LENGTH

**230 V ~**  
**3 W**

POWER SUPPLY  
CONSUMPTION

**12 V**   
**40 – 100 mA**

POWER SUPPLY  
CONSUMPTION



## power DUO PD20

Power **2 J**

Voltage **12000 V**

Output voltage 500 Ω **6000 V**

Suitable for more sensitive and also less sensitive animals.



**15**  
km

FENCE  
LENGTH

**230 V ~**  
5 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
40 – 140 mA

POWER SUPPLY  
CONSUMPTION



## power DUO PD30

Power **3 J**

Voltage **11200 V**

Output voltage 500 Ω **6400 V**

Suitable for more sensitive and also less sensitive animals.



**23**  
km

FENCE  
LENGTH

**230 V ~**  
5 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
80 – 240 mA

POWER SUPPLY  
CONSUMPTION



## power DUO PD40

Power **4 J**

Voltage **10000 V**

Output voltage 500 Ω **5500 V**

Suitable for more sensitive and also less sensitive animals.



**30**  
km

FENCE  
LENGTH

**230 V ~**  
9 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
80 – 320 mA

POWER SUPPLY  
CONSUMPTION



## power DUO PD50

Power **5 J**

Voltage **11000 V**

Output voltage 500 Ω **6600 V**

Suitable for more sensitive and also less sensitive animals.



**40**  
km

FENCE  
LENGTH

**230 V ~**  
9 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
100 – 420 mA

POWER SUPPLY  
CONSUMPTION



## power DUO PD70

Power **7 J**

Voltage **10500 V**

Output voltage 500 Ω **7500 V**

Suitable for more sensitive and also less sensitive animals.



**70**  
km

FENCE  
LENGTH

**230 V ~**  
12 W

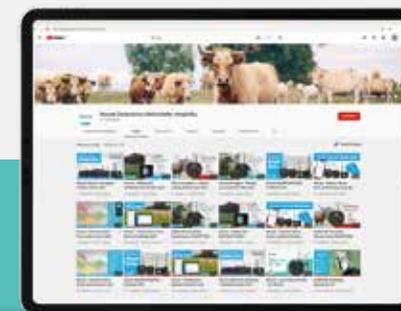
POWER SUPPLY  
CONSUMPTION

**12 V**   
300 – 750 mA

POWER SUPPLY  
CONSUMPTION



Find out more about  
power **DUO PD** energizers in our video.



Time delay for power increase.



# Smart Farm makes everyday life on the ranch easier

After almost three years of using of Smart Farm with fencee Cloud a friendly ranching family shared their experience of using the system with us.

20 HORSES + 3 RF ACTIVE DEVICES + 10 ha FARMLAND =

169 €  
MONTHLY

2.028 €  
PER YEAR

SAVING

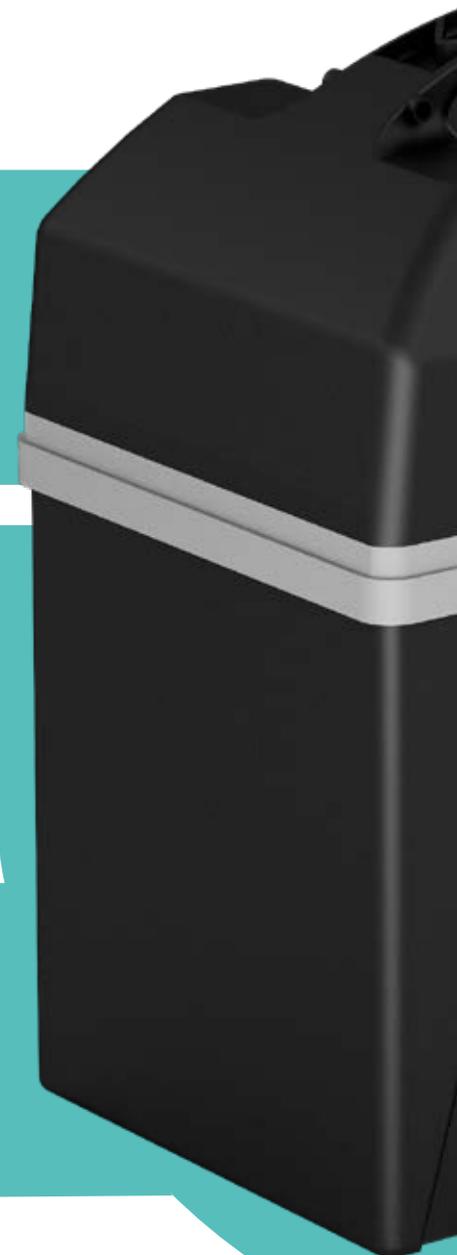
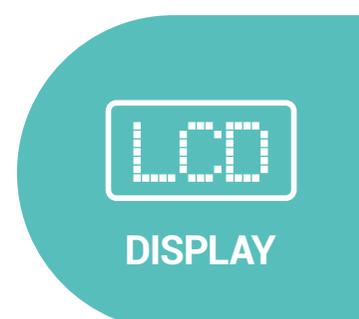
“Controlling the fence with your mobile phone is a great feature. You only realise when you try it yourself. With one click, I can turn off the power whenever I want. Before this, junior had to help with this and always ran to turn off the power with a button.”

Eman Hanyk | Ranch Coldriver

# fencee **battery DUO BD**

Portable battery energizers with output power up to 5 J and storage space for a 12 V/44 Ah battery.  
Maximum flexibility thanks to the combined power supply and the possibility to connect a 30 W solar panel.

	<b>battery DUO BD10</b>	<b>battery DUO BD20</b>	<b>battery DUO BD30</b>	<b>battery DUO BD50</b>
POWER SOURCE	230 V ~ / 1,2 W	230 V ~ / 1,9 W	230 V ~ / 3 W	230 V ~ / 4,5 W
POWER CONSUMPTION	12 V ~ / 0,24–1,2 W 20 mA–100 mA	12 V ~ / 0,24–1,9 W 20 mA–160 mA	12 V ~ / 0,3W–3W 25 mA–250 mA	12 V ~ / 0,33–4,5 W 28 mA–380 mA
INPUT ENERGY	1,4 J	2,6 J	4 J	6,5 J
OUTPUT ENERGY	1 J	2 J	3 J	5 J
OUTPUT VOLTAGE	11000 V	11000 V	11000 V	11000 V
OUTPUT VOLTAGE 500 Ω	5000 V	5000 V	5500 V	6000 V
ON / OFF	✓	✓	✓	✓
LED IMPULS	✓	✓	✓	✓
LED LOW VOLTAGE BATTERY	✓	✓	✓	✓
LED ERROR CHECK	✓	✓	✓	✓
LED SOLAR PANEL OPERATION	✓	✓	✓	✓
LED INDICATIONS	✓	✓	✓	✓
BATTERY MANAGEMENT	✓	✓	✓	✓
LCD DISPLAY	✓	✓	✓	✓
SETTING/CONTROL BUTTON	✓	✓	✓	✓
SMART CONTROL	✓	✓	✓	✓
SAFE SHOCK	✓	✓	✓	✓
BLUETOOTH	5.4	5.4	5.4	5.4
TRANSMITTING POWER	6 dBm	6 dBm	6 dBm	6 dBm
TRANSMISSION FREQUENCY	2,4 GHz	2,4 GHz	2,4 GHz	2,4 GHz
GROUNDING 1 M	1 ×	2 ×	3 ×	4 ×
ELECTRIC FENCE NETS	5 ×	9 ×	13 ×	20 ×
DIMENSIONS H × W × D	38 × 31 × 21cm			
WEIGHT	2920 g			





UP TO  
**40 km**  
FENCE

JOULE  
**1 - 5**  
POWER

**230 V ~**  
**12 V**   
POWER SUPPLY



# fencee battery DUO BD



Optional choice among 19 output power levels.



Bluetooth technology for remote device control.



Highly bright LEDs for indication.



Control and management of battery status.



High voltage transformer with long term protection.



SafeShock specially shaped impulse curve for maximum safety.



Low and efficient energy consumption.

Length of installation  
with vegetation height



	TEOR. MAX CEE	25%	50%	100%
battery DUO BD10	42 km	12 km	6 km	1,5 km
battery DUO BD20	60 km	22 km	10 km	3 km
battery DUO BD30	100 km	32 km	13 km	5 km
battery DUO BD50	140 km	40 km	16 km	6 km



The device is ready for operation with a 30 W solar panel. The connection clamps of the fence and grounding are very easy to access.

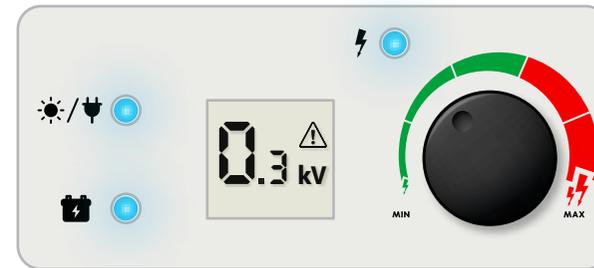


## Energizer display

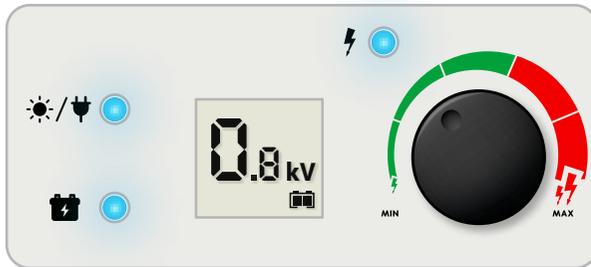
You can clearly see all important information on the display.



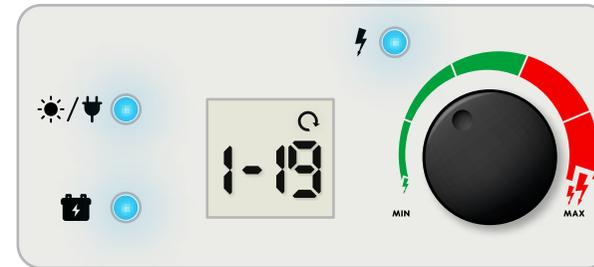
Energizer battery voltage.



Display of the minimum voltage level you can set for alarm triggering.



Voltage on the fence



Setting the output power. You can choose from 19 levels.

## LED signal

Clearly visible LEDs that inform you about.

-  Energizer is powered by solar panel or 230 mains adapter.
-  Battery charging and operating.
-  Energizer operating.

Manual rotary switch for all energizer settings.





## battery DUO BD10

Power **1 J**

Voltage **11000 V**

Output voltage 500 Ω **5000 V**

Suitable for more and less sensitive animals.



**12**  
km

FENCE  
LENGTH

**230 V ~**  
1,2 W

POWER SUPPLY  
CONSUMPTION

**12 V ⚡**  
20 – 100 mA

POWER SUPPLY  
CONSUMPTION



## battery DUO BD20

Power **2 J**

Voltage **11000 V**

Output voltage 500 Ω **5000 V**

Suitable for more and less sensitive animals.



**22**  
km

FENCE  
LENGTH

**230 V ~**  
1,9 W

POWER SUPPLY  
CONSUMPTION

**12 V ⚡**  
20 – 160 mA

POWER SUPPLY  
CONSUMPTION



## battery DUO BD30

Power **3 J**

Voltage **11000 V**

Output voltage 500 Ω **5500 V**

Suitable for more and less sensitive animals.



**32**  
km

FENCE  
LENGTH

**230 V ~**  
3 W

POWER SUPPLY  
CONSUMPTION

**12 V ⚡**  
25 – 250 mA

POWER SUPPLY  
CONSUMPTION



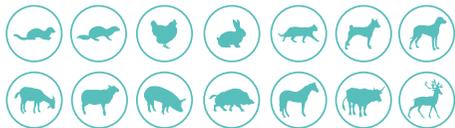
## battery DUO BD50

Power **5 J**

Voltage **11000 V**

Output voltage 500 Ω **6000 V**

Suitable for more and less sensitive animals.



**40**  
km

FENCE  
LENGTH

**230 V ~**  
**4,5 W**

POWER SUPPLY  
CONSUMPTION

**12 V**   
**28 – 380 mA**

POWER SUPPLY  
CONSUMPTION

## Solar panel 30 W with bracket for BD energizers

Add a 30 W solar panel to the energizer and use the sun's natural power to recharge the 12 V battery.



**Battery 12 V / 44 Ah**  
Art.Nr. 8148



**Solar panel 30 W**  
Art.Nr. 8535



**Console for 30 W panel**  
Art.Nr. 8536



# fencee **mini DUO MD**

A new series of electric fence energizers fencee **mini DUO MD** is universally applicable. Output power 0,3 – 1 J with a possible installation length up to 9 km.

	<b>mini DUO MD03</b>	<b>mini DUO MD06</b>	<b>mini DUO MD10</b>
POWER SUPPLY	<b>230 V ~ / 1 W</b>	<b>230 V ~ / 1,2 W</b>	<b>230 V ~ / 2 W</b>
POWER CONSUMPTION	<b>12 V ☒</b> 20 – 40 mA	<b>12 V ☒</b> 40 – 60 mA	<b>12 V ☒</b> 80 – 100 mA
INPUT ENERGY	0,5 J	0,9 J	1,4 J
OUTPUT ENERGY	0,3 J	0,6 J	1 J
OUTPUT VOLTAGE	9000 V	9500 V	10000 V
OUTPUT VOLTAGE 500 Ω	3000 V	3500 V	4000 V
ON / OFF	✓	✓	✓
LED ON / OFF	✓	✓	✓
LED IMPULSE	✓	✓	✓
LED LOW BATTERY VOLTAGE	✓	✓	✓
POWER SAVE MODE	✓	✓	✓
LED ERROR CHECK	✓	✓	✓
EARTHING 1 m	1×	1×	1×
EL. NETS	1×	2×	3×
DIN RAIL	✓	✓	✓
DIAMETER		150 mm	
DEPTH		57 mm	
WEIGHT		729 g	



**ON / OFF  
BUTTON**



**POWER  
SAVE MODE**



**LOW  
CONSUMPTION**





mini DUO  
MD10

encee

The ideal choice for  
home use, temporary  
and mobile electric fencing

UP TO  
**9 km**  
FENCE

JOULE  
**0,3 – 1**  
POWER

**230 V ~**  
**12 V**   
POWER  
SUPPLY



# fencee mini DUO MD



The interval/time between pulses is approximately doubled, allowing the devices to significantly save battery power and can power a fence for 50 to 55 days on a single charge.



LED lights with high luminosity for indication of fault.



Control and management of battery status.



High voltage transformer with long term protection.



The SafeShock technology ensures maximum safety for your animals. Specially shaped impulse curve.



Low and efficient energy consumption.

Length of installation  
with height of vegetation



	TEOR. MAX CEE	25%	50%	100%
mini DUO MD03	12 km	5 km	3 km	0,5 km
mini DUO MD06	21 km	7 km	5 km	1 km
mini DUO MD10	30 km	9 km	6 km	1,5 km



## mini DUO MD03

Power **0,3 J**

Voltage **9000 V**

Output voltage 500 Ω **3000 V**

Suitable for more sensitive and also less sensitive animals.



**5**  
km

FENCE  
LENGTH

**230 V ~**  
**1 W**

POWER SUPPLY  
CONSUMPTION

**12 V**   
**20 – 40 mA**

POWER SUPPLY  
CONSUMPTION



### mini DUO MD06

Power **0,6 J**

Voltage **9500 V**

Output voltage 500 Ω **3500 V**

Suitable for more sensitive and also less sensitive animals.



**7**  
km

FENCE  
LENGTH

**230 V ~**  
1,2 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
40 – 60 mA

POWER SUPPLY  
CONSUMPTION



### mini DUO MD10

Power **1 J**

Voltage **10000 V**

Output voltage 500 Ω **4000 V**

Suitable for more sensitive and also less sensitive animals.



**9**  
km

FENCE  
LENGTH

**230 V ~**  
2 W

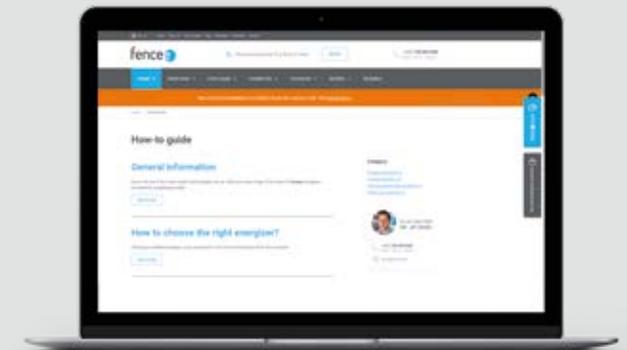
POWER SUPPLY  
CONSUMPTION

**12 V**   
80 – 100 mA

POWER SUPPLY  
CONSUMPTION

# Blog & How-to guide

In How-to guide on our website, we have lot of practical advice and articles that will help you with choosing correctly and installing energizer.



[www.fencee.eu](http://www.fencee.eu)



# fencee solar DUO SD

Comprehensive portable solar fence energizer with integrated 8 W solar panel and 12 V/7 Ah battery. The energizers can be easily attached to the fence T-post or U-post.

	solar DUO SD03	solar DUO SD05	solar DUO SD08
POWER SOURCE	230 V ~ / 1 W	230 V ~ / 1,1 W	230 V ~ / 1,4 W
POWER CONSUMPTION	12 V ☒ 30 mA	12 V ☒ 45 mA	12 V ☒ 60 mA
INPUT ENERGY	0,4 J	0,7 J	1 J
OUTPUT ENERGY	0,3 J	0,5 J	0,8 J
OUTPUT VOLTAGE	10000 V	10500 V	10500 V
OUTPUT VOLTAGE 500 Ω	3500 V	4000 V	4500 V
BATTERIES	12 V / 7Ah	12 V / 7Ah	12 V / 7Ah
SOLAR PANEL	8 W	8 W	8 W
ON/OFF	✓	✓	✓
LED IMPULS	✓	✓	✓
LED LOW VOLTAGE BATTERY	✓	✓	✓
LED POWER SAVE MODE	✓	✓	✓
LED ERROR CHECK	✓	✓	✓
RECOMMENDED GROUNDING 1 m	1 ×	1 ×	1 ×
ELECTRIC FENCE NETS	1 ×	2 ×	3 ×
DIMENSIONS H × W × D	36,5 × 21 × 28 cm		
WEIGHT	2650 g		





Thanks to the prepared groove, fixing to the mounting/grounding bar, T-post or U-post is very easy.



UP TO  
**15 km**  
FENCE

JOULE  
**0,3 – 0,8**  
POWER

**230 V ~**  
**12 V**   
POWER SUPPLY

# fencee solar DUO SD



The interval/time between pulses is approximately doubled, making the device power efficient and capable of powering the fences for up to 20 days on a single charge.



Highly visible LEDs for fault indication.



Control and management of battery status.



High voltage transformer with long term protection.



SafeShock specially shaped impulse curve for maximum safety.



Low and efficient energy consumption.

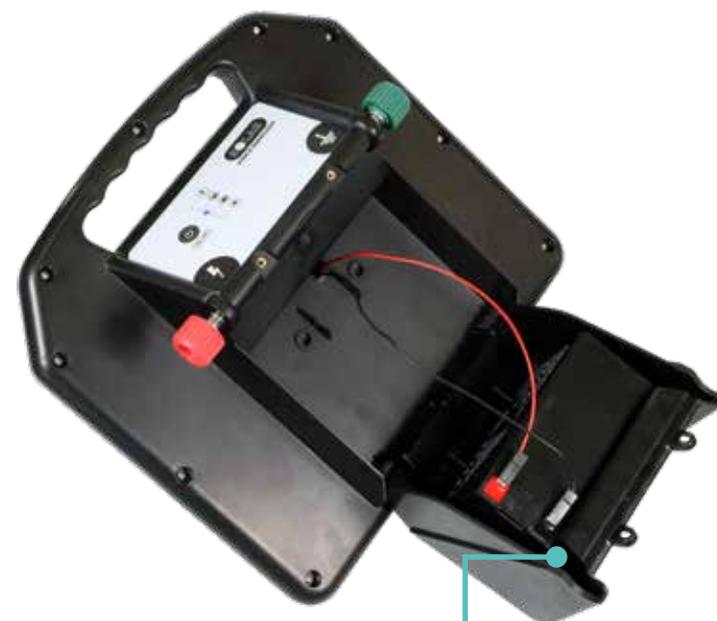
Length of installation  
with vegetation height



	TEOR. MAX CEE	25%	50%	100%
solar DUO SD03	10 km	5 km	3 km	1,2 km
solar DUO SD05	20 km	10 km	6 km	2 km
solar DUO SD08	30 km	15 km	10 km	4 km



Control button and signal LED for displaying the status of the device.



Connectors for easy battery connection.



### solar DUO SD03

Power **0,3 J**

Voltage **10000 V**

Output voltage 500 Ω **3500 V**

Suitable for more sensitive animals.



**5**  
km

FENCE  
LENGTH

**230 V ~**  
1 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
30 mA

POWER SUPPLY  
CONSUMPTION



### solar DUO SD05

Power **0,5 J**

Voltage **10500 V**

Output voltage 500 Ω **4000 V**

Suitable for more sensitive animals.



**10**  
km

FENCE  
LENGTH

**230 V ~**  
1,1 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
45 mA

POWER SUPPLY  
CONSUMPTION



### solar DUO SD08

Power **0,8 J**

Voltage **10500 V**

Output voltage 500 Ω **4500 V**

Suitable for more sensitive animals.



**15**  
km

FENCE  
LENGTH

**230 V ~**  
1,4 W

POWER SUPPLY  
CONSUMPTION

**12 V**   
60 mA

POWER SUPPLY  
CONSUMPTION

# fencee **power P**

fencee **power P** series for universal application in any situation.

The ideal and practical solution offers a power 1 – 5 J with a possible installation length up to 47 km.

	<b>power P10</b>	<b>power P20</b>	<b>power P30</b>	<b>power P40</b>	<b>power P50</b>
POWER SUPPLY POWER CONSUMPTION	<b>230 V ~</b> 3 W	<b>230 V ~</b> 4 W	<b>230 V ~</b> 5 W	<b>230 V ~</b> 6 W	<b>230 V ~</b> 6 W
INPUT ENERGY	1,3 J	2,6 J	4 J	6 J	6,2 J
OUTPUT ENERGY	1 J	2J	3 J	4 J	5 J
OUTPUT VOLTAGE	9500 V	10000 V	11500 V	11500 V	11800 V
OUTPUT VOLTAGE 500 Ω	4000 V	5000 V	6000 V	6400 V	6800 V
ON / OFF	✓	✓	✓	✓	✓
LED ON / OFF	✓	✓	✓	✓	✓
LED IMPULSE	✓	✓	✓	✓	✓
LED ERROR CHECK	✓	✓	✓	✓	✓
EARTHING 1 m	1 ×	2 ×	2 ×	2 ×	2 ×
EL. NETS	3 ×	5 ×	6 ×	6 ×	7 ×
DIN RAIL	✓	✓	✓	✓	✓
DIAMETER	210 mm				
DEPTH	66 mm				
WEIGHT	1000 g				



**ON / OFF  
BUTTON**



**RESISTANT  
CASING**



**SMART  
CONTROL**





**Ideal solution**  
for every situation

UP TO  
**47 km**  
FENCE

JOULE  
**1 – 5**  
POWER

**230 V**  
POWER  
SUPPLY



# fencee power P



LED lights with high luminosity for indication of fault.



Low and efficient energy consumption.



A case resistant to outdoor climatic conditions.



ON / OFF button for easy switching on and off.



High voltage transformer with long term protection.



The SafeShock technology ensures maximum safety for your animals. Specially shaped impulse curve.

Length of installation  
with height of vegetation

TEOR.  
MAX CEE

25%

50%

100%

	TEOR. MAX CEE	25%	50%	100%
power P10	40 km	10 km	6 km	1,5 km
power P20	70 km	19 km	8 km	1,5 km
power P30	100 km	29 km	10 km	2 km
power P40	130 km	38 km	15 km	3 km
power P50	160 km	47 km	20 km	5 km



**power P10**

**Power 1 J**

**Voltage 9500 V**

**Output voltage 500 Ω 4000 V**

Suitable for more sensitive and also less sensitive animals.



**10  
km**

FENCE  
LENGTH

**230 V ~  
3W**

POWER SUPPLY  
CONSUMPTION



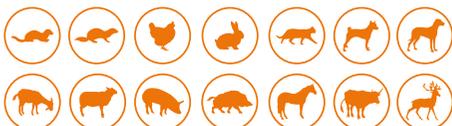
**power P20**

Power **2 J**

Voltage **10000 V**

Output voltage 500 Ω **5000 V**

Suitable for more sensitive and also less sensitive animals.



**19**  
km

FENCE  
LENGTH

**230 V ~**  
4 W

POWER SUPPLY  
CONSUMPTION



**power P30**

Power **3 J**

Voltage **11500 V**

Output voltage 500 Ω **6000 V**

Suitable for more sensitive and also less sensitive animals.



**29**  
km

FENCE  
LENGTH

**230 V ~**  
5 W

POWER SUPPLY  
CONSUMPTION



**power P40**

Power **4 J**

Voltage **11500 V**

Output voltage 500 Ω **6400 V**

Suitable for more sensitive and also less sensitive animals.



**38**  
km

FENCE  
LENGTH

**230 V ~**  
6 W

POWER SUPPLY  
CONSUMPTION



## power P50

Power **5 J**

Voltage **11800 V**

Output voltage 500  $\Omega$  **6800 V**

Suitable for more sensitive and also less sensitive animals.



**47**  
km

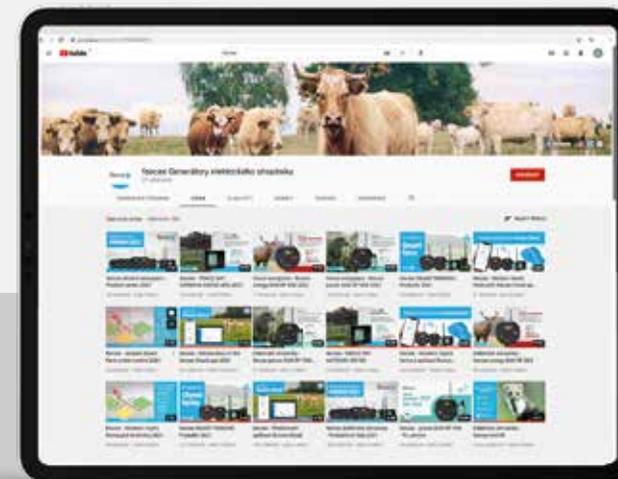
FENCE  
LENGTH

**230 V ~**  
**6 W**

POWER SUPPLY  
CONSUMPTION



Follow our YouTube channel  
fencee Generátory elektrického ohradníku





# Perfect overview and remote control

## with a Smart Farm system

Trust in fencee Cloud system has brought the owner peace of mind and an overview of electric fences even during her absence at the ranch.

**10**

HORSES



**2 RF**

ACTIVE DEVICES



**35 ha**

FENCING

*“ We are completely satisfied with the fencee RF energizer. Device works better than the competition energizers, it is much more sophisticated and the horses respect the fence. Control using the application is clear and perfect. ”*

**Mgr. Zdeňka Pohlreich** | Barefoot Ranch

# fencee **energy E**

The powerful mains energizers fencee **energy E** with an output power from 8 to 15 J. Effective devices for bigger animals and for long fences with vegetation.

	<b>energy E80</b>	<b>energy E100</b>	<b>energy E120</b>	<b>energy E150</b>
POWER SUPPLY	<b>230 V ~</b>	<b>230 V ~</b>	<b>230 V ~</b>	<b>230 V ~</b>
POWER CONSUMPTION	10 W	13 W	15 W	18 W
INPUT ENERGY	11 J	14 J	16 J	20 J
OUTPUT ENERGY	8 J	10 J	12 J	15 J
OUTPUT VOLTAGE	10500 V	10500 V	11000 V	11000 V
OUTPUT VOLTAGE 500 Ω	7500 V	7500 V	8000 V	8000 V
ON / OFF	✓	✓	✓	✓
LED ON / OFF	✓	✓	✓	✓
LED IMPULSE	✓	✓	✓	✓
LED ERROR CHECK	✓	✓	✓	✓
TIME DELAY	✓	✓	✓	✓
POWER SAVE MODE	✓	✓	✓	✓
SIGNAL SOUND	✓	✓	✓	✓
BLUETOOTH	5.4	5.4	5.4	5.4
TRANSMITTING POWER	6 dBm	6 dBm	6 dBm	6 dBm
TRANSMISSION FREQUENCY	2,4 GHz	2,4 GHz	2,4 GHz	2,4 GHz
EARTHING 1 m	2×	2×	3×	4×
EL. NETS	25×	30×	35×	40×
DIN RAIL	✓	✓	✓	✓
DIAMETER	290 mm			
DEPTH	150 mm			
WEIGHT	3600g			



**ON / OFF  
BUTTON**



**POWER SAVE  
MODE**



**BLUETOOTH  
TECHNOLOGY**



energy E150

fencee

## New technologies for fence control.

UP TO  
**120 km**  
FENCE

JOULE  
**8 – 15**  
POWER

**230 V**  
POWER  
SUPPLY



# fencee energy E



LED lights with high luminosity for indication of fault.



The interval/time between pulses is approximately doubled.



Bluetooth technology for remote device control.



ON / OFF button for easy switching on and off.



High voltage transformer with long term protection.



The SafeShock technology ensures maximum safety for your animals. Specially shaped impulse curve.



## energy E80

Power **8 J**

Voltage **10500 V**

Output voltage 500 Ω **7500 V**

Suitable for more sensitive and also less sensitive animals.



Length of installation  
with height of vegetation



	TEOR. MAX CEE	25%	50%	100%
energy E80	230 km	80 km	17 km	8 km
energy E100	300 km	90 km	22 km	10 km
energy E120	320 km	100 km	25 km	13 km
energy E150	350 km	120 km	28 km	16 km

**80  
km**

FENCE  
LENGTH

**230 V ~  
10 W**

POWER SUPPLY  
CONSUMPTION



### energy E100

Power **10 J**

Voltage **10500 V**

Output voltage 500 Ω **7500 V**

Suitable for more sensitive and also less sensitive animals.



**90**  
km

FENCE  
LENGTH

**230 V ~**  
13 W

POWER SUPPLY  
CONSUMPTION



### energy E120

Power **12 J**

Voltage **11000 V**

Output voltage 500 Ω **8000 V**

Suitable for more sensitive and also less sensitive animals.



**100**  
km

FENCE  
LENGTH

**230 V ~**  
15 W

POWER SUPPLY  
CONSUMPTION



### energy E150

Power **15 J**

Voltage **11000 V**

Output voltage 500 Ω **8000 V**

Suitable for more sensitive and also less sensitive animals.



**120**  
km

FENCE  
LENGTH

**230 V ~**  
18 W

POWER SUPPLY  
CONSUMPTION

# fencee **power energy PE60**

The powerful mains energizer fencee **power energy PE60** with an output voltage of 12 500 V is suitable for protecting your herds from predators.

## power energy PE60

POWER SUPPLY	<b>230 V ~</b>
POWER CONSUMPTION	6 W
INPUT ENERGY	5,5 J
OUTPUT ENERGY	5 J
OUTPUT VOLTAGE	12500 V
OUTPUT VOLTAGE 500 Ω	10000 V
ON / OFF	✓
LED ON / OFF	✓
LED IMPULSE	✓
LED ERROR CHECK	✓
TEOR. MAX CEE	800 km
SMALL VEGETATION	70 km
MEDIUM VEGETATION	25 km
TALL VEGETATION	10 km
EARTHING 1 m	5×
EL. NETS	25×
DIN RAIL	✓
DIAMETER	290 mm
DEPTH	108 mm
WEIGHT	3450 g



**ON / OFF  
BUTTON**



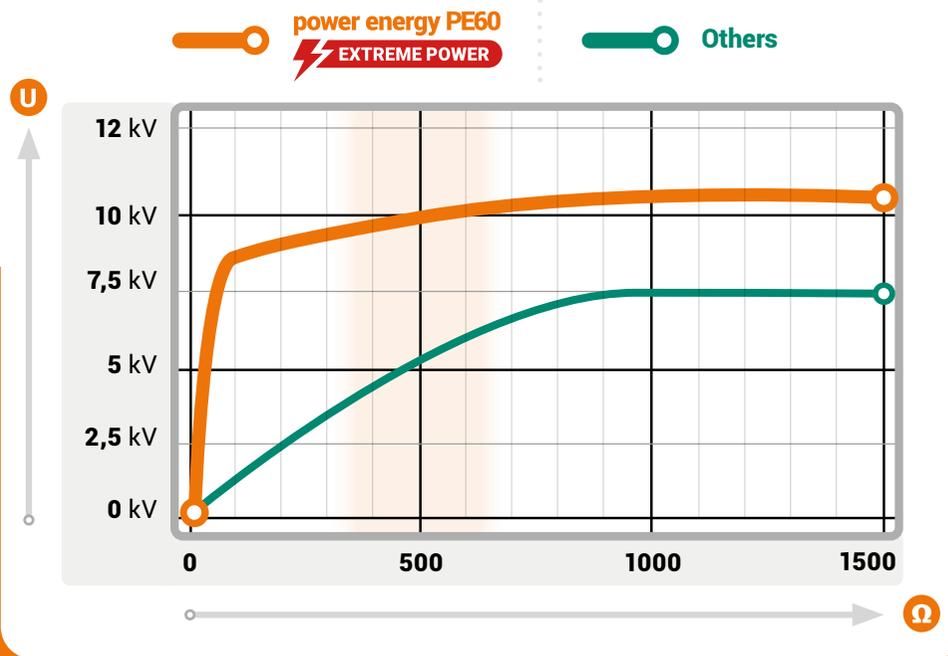
**POWERFUL  
TRANSFORMATOR**



**PROTECTION  
AGAINST  
PREDATORS**



## Performance graph



## Protecting the herd against predators



HIGH OUTPUT  
VOLTAGE  
**12 500 V**

UP TO  
**70 km**  
FENCE

JOULE  
**5**  
POWER

**230 V**  
POWER  
SUPPLY



# fencee **mini M**

fencee **mini M** series was developed specially for small pets.  
Also ideal solution for issues with pests such as martens, otters, weasels.

	<b>mini M02</b>	<b>mini M03</b>	<b>mini M06</b>	<b>mini M10</b>
POWER SUPPLY	<b>230 V ~</b>	<b>230 V ~</b>	<b>230 V ~</b>	<b>230 V ~</b>
POWER CONSUMPTION	1 W	1 W	2 W	3 W
INPUT ENERGY	0,3 J	0,4 J	0,8 J	1,3 J
OUTPUT ENERGY	0,2 J	0,3 J	0,6 J	1 J
OUTPUT VOLTAGE	2500 V	9000 V	9500 V	9000 V
OUTPUT VOLTAGE 500 Ω	750 V	3000 V	3500 V	4000 V
ON / OFF	✓	✓	✓	✓
LED ON / OFF				
LED IMPULSE	✓	✓	✓	✓
LED LOW BATTERY VOLTAGE				
LED POWER LOWER 50%				
LED ERROR CHECK			✓	✓
LED IMPULSE BARGRAF				
TIME DELAY				
EARTHING 1 m	1 ×	1 ×	1 ×	1 ×
EL NETS			2 ×	2 ×
DIN RAIL	✓	✓	✓	✓
DIAMETER	150 mm			
DEPTH	57 mm			
WEIGHT	750 g			



**ON / OFF  
BUTTON**



**SECURE  
TRAFO**



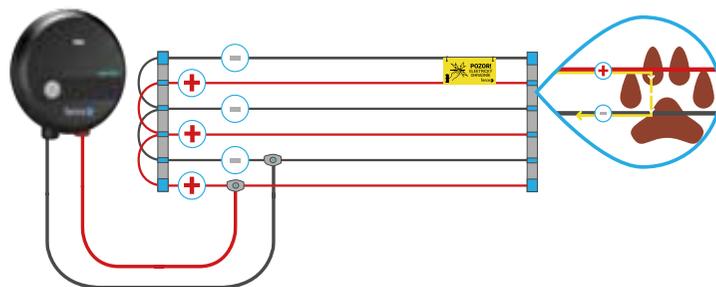
**LOW  
CONSUMPTION**



## WIRING TIPS **PLUS-MINUS**

That is wiring without earthing, when both wires are lined simultaneously, and the impulse occurs when they are connected. This direct path causes the electrical impulse to be particularly intense, but also more sensitive to the animal because the electricity flows through only a small part of the body.

The energizer suitable for the **PLUS-MINUS** wiring is fencee **mini M02**.



mini M10

fencee

Modern and practical  
solutions for your needs.

UP TO  
**9 km**  
FENCE

JOULE  
**0,2 – 1**  
POWER

**230 V**  
POWER  
SUPPLY



# fencee mini M



LED lights with high luminosity for indication of fault.



Low and efficient energy consumption.



A case resistant to outdoor climatic conditions.



ON / OFF button for easy switching on and off.



High voltage transformer with long term protection.



The SafeShock technology ensures maximum safety for your animals. Specially shaped impulse curve.

Length of installation  
with height of vegetation



	TEOR. MAX CEE	25%	50%	100%
mini M02	6 km	2 km	0,5 km	0,1 km
mini M03	12 km	5 km	3 km	0,5 km
mini M06	21 km	7 km	5 km	1 km
mini M10	30 km	9 km	6 km	1,5 km



## mini M02

Power **0,2 J**

Voltage **2500 V**

Output voltage 500 Ω **750 V**

Suitable mainly as protection against small predators.



**2**  
km

FENCE  
LENGTH

**230 V ~**  
**1 W**

POWER SUPPLY  
CONSUMPTION

Suitable for **PLUS-MINUS** wiring.



### mini M03

Power **0,3 J**

Voltage **9000 V**

Output voltage 500 Ω **3000 V**

Suitable for more sensitive animals.



**5**  
km

FENCE  
LENGTH

**230 V ~**  
1 W

POWER SUPPLY  
CONSUMPTION



### mini M06

Power **0,6 J**

Voltage **9500 V**

Output voltage 500 Ω **3500 V**

Suitable for more sensitive animals.



**7**  
km

FENCE  
LENGTH

**230 V ~**  
2 W

POWER SUPPLY  
CONSUMPTION



### mini M10

Power **1 J**

Voltage **9000 V**

Output voltage 500 Ω **4000 V**

Suitable for more sensitive animals.



**9**  
km

FENCE  
LENGTH

**230 V ~**  
3 W

POWER SUPPLY  
CONSUMPTION

# fencee kits

In several sets we offer you a fencee energizer with suitable accessories for immediate and easy installation. We have selected the most common cases from our experience and offer these in a complete set.

Included in every energizer package:

## mini M & power P



1x Connecting cable

1x Earthing cable

1x Warning sign

## power DUO PD & power DUO RF PDX



1x Connecting cable

1x Earthing cable

1x Warning sign

1x Adapter 14 V / 1 A

1x Battery cable

1x Basic antenna

## energy DUO ED & energy DUO RF EDX



1x Connecting cable

1x Earthing cable

1x Warning sign

1x Adapter 14 V / 1 A

1x Battery cable

1x Basic antenna

fencee

# facebook

Follow our profile

[/fencee.cz](#)



**Art.Nr. 8031 – Electric fence kit for  
dogs, cats, rabbits, poultry**

<b>0,3J</b>	<b>9000V</b>	<b>230V</b>	<b>100 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer  
mini M03**



**1x Polywire, 100 m**  
ø 2,5 mm, resistance 6,97 Ω/m  
stainless steel 3 x 0,2 mm



**10x Post**  
105 cm, 8x eyelet



**1x Ground rod**  
round, 75 cm

**Art.Nr. 8032 – Electric fence kit for  
horses, ponies, dogs, rabbits**

<b>0,6J</b>	<b>9500V</b>	<b>230V</b>	<b>250 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer  
mini M06**



**1x Polytape, 250 m**  
ø 2,5 mm, resistance 10,12 Ω/m  
stainless steel 4 x 0,16 mm



**10x Post**  
156 cm, 11x eyelet



**1x Ground rod**  
profile, 100 cm



**1x Tester**  
diode, 12 kV

**Art.Nr. 8088 – Electric fence garden kit for  
dogs, cats, rabbits**

<b>0,3J</b>	<b>9000V</b>	<b>230V</b>	<b>100 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer  
mini M03**



**1x Polywire, 100 m**  
ø 2,5 mm, resistance 6,97 Ω/m  
stainless steel 3 x 0,20 mm



**10x Post**  
74 cm, 7x eyelet, green



**1x Ground rod**  
round, 75 cm

**Art.Nr. 8054** – Electric fence kit for  
**horses, ponies, dogs, cattle and again pests**

<b>1 J</b>	<b>9000V</b>	<b>230V~12V</b> 	<b>200 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power DUOPD10**



**1x Polytape, 200 m**  
 ø 20 mm, resistance 7,34 Ω/m  
 stainless steel 5 x 0,16 mm



**10x Post**  
 105 cm, 8x eyelet



**1x Ground rod profile, 100 cm**

**Art.Nr. 8073** – Electric fence kit for  
**horses, foals, donkeys, game**

<b>1 J</b>	<b>9000V</b>	<b>230V~12V</b> 	<b>200 m</b>
POWER	VOLTAGE	SOURCE	FENCE

 **Cloud connection**



**1x Energizer power DUORF PDX10**



**1x Polytape, 200 m**  
 ø 20 mm, resistance 7,34 Ω/m  
 stainless steel 5 x 0,16 mm



**10x Post**  
 156 cm, 11x eyelet



**1x Ground rod round, 75 cm**

**Art.Nr. 8089** – Electric fence kit for  
**horses, foals, ponies, donkeys**

<b>8 J</b>	<b>10000V</b>	<b>230V~12V</b> 	<b>200 m</b>
POWER	VOLTAGE	SOURCE	FENCE



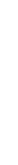
**1x Energizer energy DUOED80**



**1x Polywire, 200 m**  
 ø 45 mm, resistance 3,3 Ω/m  
 stainless steel 3 x 0,30 mm



**10x Post**  
 156 cm, 11x eyelet



**1x Ground rod profile, 100 cm**

Art.Nr. 8058 – Electric fence kit for  
**goats, sheep, cattle, boars**

<b>2 J</b>	<b>12000 V</b>	<b>230 V ~ 12 V</b> 	<b>400 m</b>
POWER	VOLTAGE	SOURCE	FENCE

 Cloud connection



**1x Energizer power DUO RF PDX20**



**1x Polywire, 400 m**  
ø 3 mm, copper 3 x 0,25 mm  
stainless steel 3 x 0,20 mm



**15x Post**  
156 cm, 11x eyelet



**1x Ground rod profile, 100 cm**

Art.Nr. 8055 – Electric fence kit for  
**cattle, game, boars, sheep, goats**

<b>3 J</b>	<b>11200 V</b>	<b>230 V ~ 12 V</b> 	<b>400 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power DUO PD30**



**1x Polywire, 400 m**  
ø 3 mm, copper 3 x 0,25 mm  
stainless steel 3 x 0,20 mm



**15x Post**  
156 cm, 11x eyelet



**1x Ground rod profile, 100 cm**

Art.Nr. 8075 – Electric fence kit for  
**sheep, goats, cattle, game**

<b>10 J</b>	<b>10000 V</b>	<b>230 V ~ 12 V</b> 	<b>400 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer energy DUO ED100**



**1x Polywire, 400 m**  
ø 3 mm, copper 3 x 0,25 mm  
stainless steel 3 x 0,20 mm



**15x Post**  
156 cm, 11x eyelet



**2x Ground rod profile, 100 cm**

**Art.Nr. 8035 – Electric fence kit against pests**  
**marten, otter, weasel**

<b>0,2 J</b>	<b>2500 V</b>	<b>230 V</b>	<b>100 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer mini M02**



**1x Polywire, 100 m**  
 ø 2,5 mm, resistance 6,97 Ω/m  
 stainless steel 3 x 0,20 mm



**10 m Cable**  
 ø 1,6 mm



**12x Insulator**  
 4x eyelet



**2x Insulator**  
 102–106 cm

**Art.Nr. 8036 – Electric fence kit against pests**  
**hare, raccoon, otters, martens**

<b>0,3 J</b>	<b>9000 V</b>	<b>230 V</b>	<b>100 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer mini M03**



**1x Polywire, 100 m**  
 ø 2,5 mm, resistance 6,97 Ω/m  
 stainless steel 3 x 0,20 mm



**10 m Cable**  
 ø 1,6 mm



**10x Post**  
 74 cm, 7 eyelet, green



**1x Ground rod**  
 round, 75 cm

**Art.Nr. 8326 – Electric fence kit against pests**  
**cats, otters, weasels, martens**

<b>0,6 J</b>	<b>9500 V</b>	<b>230 V</b>	<b>100 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer mini M06**



**1x Polywire, 100 m**  
 ø 2,5 mm, resistance 6,97 Ω/m  
 stainless steel 3 x 0,20 mm



**10 m Cable**  
 ø 1,6 mm



**10x Insulator**  
 8x eyelet, wiring +/-

Art.Nr. 8091 – Electric fence kit protection against game  
**deer, wild boar, fallow deer**

<b>5 J</b>	<b>11000 V</b>	<b>230 V ~ 12 V</b> 	<b>400 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power DUO PD50**



**1x Polywire, 400 m**  
 ø 3 mm, resistance 0,17 Ω/m  
 stainless steel 2 x 0,25 mm  
 copper 2 x 0,25 mm



**10x Post**  
 156 cm, 11x eyelet



**1x Ground rod profile 100 cm**

Art.Nr. 8090 – Electric fence kit to protect orchards against  
**fallow deer, deer, roe deer**

<b>4 J</b>	<b>11500 V</b>	<b>230 V</b>	<b>200 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power P40**



**1x Polytape, 200 m**  
 ø 20 mm, resistance 7,34 Ω/m  
 stainless steel 5 x 0,16 mm



**10x Post**  
 156 cm, 11x eyelet



**1x Ground rod round, 75 cm**

Art.Nr. 8159 – Electric fence kit for  
**cattle, game, pigs, sheep and goats**

<b>3 J</b>	<b>11500 V</b>	<b>230 V</b>	<b>400 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power P30**



**1x Polywire, 400 m**  
 ø 2,5 mm, resistance 0,45 Ω/m  
 stainless steel 3 x 0,20 mm  
 copper 1 x 0,25 mm



**15x Post**  
 156 cm, 11x eyelet



**1x Ground rod profile, 100 cm**



**1x Tester diode, 12 kV**

Art.Nr. 8196 – Electric fence kit against  
**wild boars and game**

<b>5 J</b>	<b>11800 V</b>	<b>230 V</b>	<b>400 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power P50**



**1x Polywire, 400 m**  
 ø 3 mm, resistance 0,17 Ω/m  
 stainless steel 2 x 0,25 mm  
 copper 2 x 0,25 mm



**10x Post**  
 156 cm, 11x eyelet



**1x Ground rod profile, 100 cm**

Art.Nr. 8195 – Electric fence kit for  
**cattle, sheep and goats**

<b>5 J</b>	<b>11800 V</b>	<b>230 V</b>	<b>400 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power P50**



**1x Polywire, 400 m**  
 ø 3 mm, resistance 3,8 Ω/m  
 stainless steel 6 x 0,20 mm



**15x Post**  
 156 cm, 11x eyelet



**1x Ground rod profile, 100 cm**



**1x Tester diode, 12 kV**

Art.Nr. 8160 – Electric fence kit for  
**horses, ponies, dogs, cattle**

<b>2 J</b>	<b>10000 V</b>	<b>230 V</b>	<b>200 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power P20**



**1x Polytape, 200 m**  
 ø 20 mm, resistance 0,45 Ω/m  
 stainless steel 4 x 0,20 mm  
 copper 1 x 0,25 mm



**12x Post**  
 105 cm, 8x eyelet



**1x Ground rod profile, 100 cm**

**Art.Nr. 8157** – Electric fence kit for  
**ponies, donkeys, cattle and dogs**

<b>2 J</b>	<b>12000 V</b>	<b>230 V ~ 12 V</b> 	<b>200 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power DUOPD20**



**1x Polytape, 200 m**  
ø 20 mm, resistance 7,34 Ω/m  
stainless steel 5 x 0,16 mm



**10x Post**  
105 cm, 8x eyelet



**1x Ground rod profile, 100 cm**

**Art.Nr. 8155** – Electric fence kit against pests  
**marten, otter, rabbit, raccoon**

<b>0,3 J</b>	<b>9000 V</b>	<b>230 V ~ 12 V</b> 	<b>100 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer mini DUOMD03**



**1x Polywire, 100 m**  
ø 2,5 mm, resistance 6,97 Ω/m  
stainless steel 3 x 0,20 mm



**10x Post**  
74 cm, 7x eyelet, green



**1x Ground rod round, 75 cm**

**Art.Nr. 8200** – Electric fence set for crop protection against  
**game, doe, deer and roe deer**

<b>5 J</b>	<b>11800 V</b>	<b>230 V</b>	<b>200 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power P50**



**1x Polytape, 200 m**  
ø 20 mm, resistance 0,1 Ω/m  
stainless steel 3 x 0,25 mm  
copper 3 x 0,25 mm



**15x Post**  
156 cm, 11x eyelet



**1x Ground rod profile, 100 cm**

**Art.Nr. 8154 – Electric fence kit for horses, ponies, donkeys, cattle, dogs**

<b>0,6 J</b>	<b>9500 V</b>	<b>230 V ~ 12 V</b> 	<b>200 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer mini DUO MD06**



**1x Polytape, 200 m**  
 ø 20 mm, resistance 0,45 Ω/m  
 stainless steel 4 x 0,20 mm  
 copper 1 x 0,25 mm



**10x Post**  
 156 cm, 11x eyelet



**1x Ground rod profile, 100 cm**

**Art.Nr. 8156 – Electric fence kit for horses, ponies, donkeys, cattle, dogs**

<b>1 J</b>	<b>10000 V</b>	<b>230 V ~ 12 V</b> 	<b>200 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer mini DUO MD10**



**1x Polytape, 200 m**  
 ø 20 mm, resistance 0,45 Ω/m  
 stainless steel 4 x 0,20 mm  
 copper 1 x 0,25 mm



**10x Post**  
 105 cm, 8x eyelet



**1x Ground rod profile, 100 cm**

**Art.Nr. 8158 – Electric fence kit for garden dogs, cats, rabbits**

<b>0,6 J</b>	<b>9500 V</b>	<b>230 V ~ 12 V</b> 	<b>100 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer mini DUO MD06**



**1x Polywire, 100 m**  
 ø 2,5 mm, resistance 6,97 Ω/m  
 stainless steel 3 x 0,2 mm



**10x Post**  
 105 cm, 8x eyelet



**1x Ground rod round, 75 cm**

**Art.Nr. 8209 – Electric undercar mat kit  
against martens mini DUO**

**0,3 J** | **9000 V** | **230 V ~ 12 V**   
POWER | VOLTAGE | SOURCE



**1x Energizer  
mini DUO MD03**



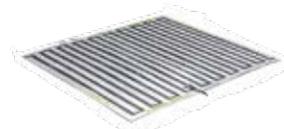
**1x Under car mat  
115 x 99 cm**

**Art.Nr. 8071 – Electric undercar mat kit  
against martens power DUO**

**1 J** | **9000 V** | **230 V ~ 12 V**   
POWER | VOLTAGE | SOURCE



**1x Energizer  
power DUO PD10**



**1x Under car mat  
115 x 99 cm**

**Art.Nr. 8070 – Electric undercar mat kit  
against martens mini M**

**0,2 J** | **2500 V** | **230 V**  
POWER | VOLTAGE | SOURCE



**1x Energizer  
mini M02**



**1x Under car mat  
115 x 99 cm**

## Protect your vehicle from uninvited guests



The pmat uses the  
Plus – Minus wiring.



It is practical, compact  
and easy to install.



Suitable for all types of vehicles.



Find out how to install the vehicle  
floor mat in our video.

Art.Nr. 8137 – Electric fence kit with electric net for  
**rabbits, dogs, cats**

<b>1 J</b>	<b>9500 V</b>	<b>230 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



1x Energizer power P10



1x Net  
65 cm, 20 rods, 50 m



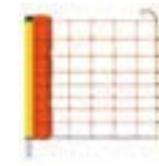
1x Ground rod  
round, 75 cm

Art.Nr. 8074 – Electric fence kit with electric net for  
**sheep, goat, boars**

<b>4 J</b>	<b>10000 V</b>	<b>230 V ~ 12 V ☑</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



1x Energizer power DUO PD40



1x Net  
90 cm, 14 rods, 50 m



1x Ground rod  
round, 75 cm

Art.Nr. 8034 – Electric fence kit with electric net for  
**poultry, geese, duck**

<b>2 J</b>	<b>10000 V</b>	<b>230 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



1x Energizer power P20



1x Net  
112 cm, 16 rods, 50 m



1x Ground rod  
round, 75 cm

Art.Nr. 8033 – Electric fence kit with electric net to the ponds  
**against herons, otters, martens**

<b>1 J</b>	<b>9500 V</b>	<b>230 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



1x Energizer power P10



1x Net  
65 cm, 20 rods, 50 m



1x Ground rod  
round, 75 cm

**Art.Nr. 8323 – Electric fence kit with electric net for  
poultry, geese, ducks**

<b>1 J</b>	<b>9000 V</b>	<b>230 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer mini M10**



**1x Net**  
112 cm, 16 rods, 50 m



**10 m Cable**  
ø 1,6 mm



**1x Ground rod**  
round, 75 cm



**6x Peg**  
anchoring to the net



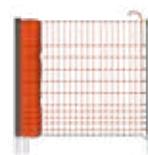
**1x Tester diode, 12 kV**

**Art.Nr. 8324 – Electric fence kit with electric net for  
poultry protection against fox, marten**

<b>1 J</b>	<b>9000 V</b>	<b>230 V ~ 12 V ☑</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power DUO PD10**



**1x Net**  
112 cm, 16 rods, 50 m



**10 m Cable**  
ø 1,6 mm



**1x Ground rod**  
round, 75 cm



**6x Peg**  
anchoring to the net



**1x Tester diode, 12 kV**

**Art.Nr. 8325 – Electric fence kit with electric net for  
poultry protection against fox, marten**

<b>2 J</b>	<b>12000 V</b>	<b>230 V ~ 12 V ☑</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power DUO PD20**



**1x Net**  
112 cm, 16 rods, 50 m



**1x Gate for electric fence**  
125 cm



**1x Ground rod**  
round, 75 cm

**Art.Nr. 8198** – Electric fence kit with electric net for  
**sheep, goats, pigs**

<b>5 J</b>	<b>11800 V</b>	<b>230 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power P50**



**1x Net**  
90 cm, 14 rods, 50 m



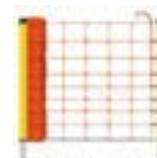
**1x Ground rod profile, 100 cm**

**Art.Nr. 8199** – Electric fence kit with electric net for  
**sheep, goats**

<b>5 J</b>	<b>11800 V</b>	<b>230 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer power P50**



**1x Net**  
90 cm, 14 rods, 50 m



**1x Ground rod profile, 100 cm**



**1x Gate for electric fence**  
105 cm

**Art.Nr. 8327** – Electric fence kit against pests  
**cats, martens, weasels**

<b>0,3 J</b>	<b>9000 V</b>	<b>230 V ~ 12 V</b>	<b>100 m</b>
POWER	VOLTAGE	SOURCE	FENCE



**1x Energizer mini DUO MD03**



**1x Polywire, 100 m**  
ø 2,5 mm, resistance 6,97 Ω/m  
stainless steel 3 x 0,20 mm



**25x Insulator ring**



**20x Insulator ring, long screw 220 mm**

Art.Nr. 8237 – Monitoring set  
**Universal electric fence online monitoring set**  
**WiFi Gateway GW100**  
**1× Monitor MX10**

FOR ANY  
ELECTRIC FENCE  
ENERGIZER



1× FENCE WiFi  
GATEWAY GW100

1× Monitor MX10

Art.Nr. 8239 – Monitoring set  
**Additional monitoring devices**  
**3× Monitor MX10**



3× Monitor MX10

Art.Nr. 8240 – Monitoring set  
**Additional monitoring devices**  
**5× Monitor MX10**



5× Monitor MX10

Art.Nr. 8238 – Monitoring set  
**Universal electric fence online monitoring set**  
**WiFi Gateway GW100**  
**3× Monitor MX10**

FOR ANY  
ELECTRIC FENCE  
ENERGIZER



1× FENCE WiFi  
GATEWAY GW100

3× Monitor MX10

Art.Nr. 8241 – Modern Smart Farm set  
**RF energizer 15 J – WiFi Gateway GW100,**  
**3× Monitor MX10**

<b>15 J</b>	<b>10500 V</b>	<b>230 V ~ 12 V</b>
POWER	VOLTAGE	SOURCE



1× energy DUORF  
EDX150

1× FENCE WiFi  
GATEWAY GW100

3× Monitor MX10

Art.Nr. 8072 – Modern Smart Farm set  
**RF energizer 15 J – WiFi Gateway GW100,**  
**FREE Monitor MX10**

<b>15 J</b>	<b>10500 V</b>	<b>230 V ~ 12 V</b>
POWER	VOLTAGE	SOURCE



1× energy DUORF  
EDX150

1× FENCE WiFi  
GATEWAY GW100

1× Monitor MX10

**Art.Nr. 8093 – Modern Smart Farm set  
RF energizer with controller 1 J  
WiFi Gateway GW100**

<b>1 J</b>	<b>9000 V</b>	<b>230 V ~ 12 V</b> 
POWER	VOLTAGE	SOURCE



1x Energizer power DUORF PDX10



1x FENCE WiFi GATEWAY GW100

**Art.Nr. 8094 – Modern Smart Farm set  
RF energizer with controller 3 J  
WiFi Gateway GW100**

<b>3 J</b>	<b>11200 V</b>	<b>230 V ~ 12 V</b> 
POWER	VOLTAGE	SOURCE



1x Energizer power DUORF PDX30



1x FENCE WiFi GATEWAY GW100

**Art.Nr. 8095 – Modern Smart Farm set  
RF energizer with controller 7 J  
WiFi Gateway GW100**

<b>7 J</b>	<b>10500 V</b>	<b>230 V ~ 12 V</b> 
POWER	VOLTAGE	SOURCE



1x Energizer power DUORF PDX70



1x FENCE WiFi GATEWAY GW100

**Art.Nr. 8097 – Modern Smart Farm set  
RF energizer 8 J – WiFi Gateway GW100,  
FREE Monitor MX10**

<b>8 J</b>	<b>10500 V</b>	<b>230 V ~ 12 V</b> 
POWER	VOLTAGE	SOURCE



1x energy DUORF EDX80



1x FENCE WiFi GATEWAY GW100



1x Monitor MX10

**Art.Nr. 8138 – Modern Smart Farm set  
RF energizer 10 J – WiFi Gateway GW100,  
FREE Monitor MX10**

<b>10 J</b>	<b>10500 V</b>	<b>230 V ~ 12 V</b> 
POWER	VOLTAGE	SOURCE



1x energy DUORF EDX100



1x FENCE WiFi GATEWAY GW100



1x Monitor MX10

**Art.Nr. 8139 – Modern Smart Farm set  
RF energizer 12 J – WiFi Gateway GW100,  
FREE Monitor MX10**

<b>12 J</b>	<b>10500 V</b>	<b>230 V ~ 12 V</b> 
POWER	VOLTAGE	SOURCE



1x energy DUORF EDX120



1x FENCE WiFi GATEWAY GW100



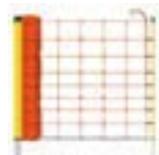
1x Monitor MX10

Art.Nr. 8100 – Electric fence kit with electric net  
**preventive protection against wolves**

<b>5 J</b>	<b>11000 V</b>	<b>230 V ~ 12 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



1x Energizer power DUOPD50



1x Net 90 cm, 14 rods, 50 m



1x Ground rod round, 75 cm

Art.Nr. 8101 – Electric fence kit with wolf net  
**protection against wolves, lynx**

<b>5 J</b>	<b>11000 V</b>	<b>230 V ~ 12 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



1x Energizer power DUOPD50



1x Wolf net 120 cm, 14 rods, 50 m



1x Ground rod round, 75 cm

Art.Nr. 8092 – Electric fence kit with wolf net  
**protection against wolves, lynx**

<b>5 J</b>	<b>11000 V</b>	<b>230 V ~ 12 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE

Cloud connection



1x Energizer power DUORF PDX50



1x Wolf net 120 cm, 14 rods, 50 m



1x Ground rod round, 75 cm

Art.Nr. 8102 – Electric fence kit with wolf net  
**protection against wolves, lynx**

<b>8 J</b>	<b>10500 V</b>	<b>230 V ~ 12 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE

Cloud connection



1x energy DUORF EDX80



1x FENCE WiFi GATEWAY GW100



1x Wolf net 120 cm, 14 rods, 50 m



1x Ground rod profile, 100 cm

Art.Nr. 8315 – Electric fence kit with wolf net  
**protection against wolves, predators**

<b>5 J</b>	<b>12500 V</b>	<b>230 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



1x Energizer power energy PE60



1x Wolf net  
120 cm, 14 rods, 50 m



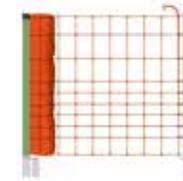
1x Ground rod profile, 100 cm

Art.Nr. 8316 – Electric fence kit with electric net  
**preventive protection against wolves, predators**

<b>5 J</b>	<b>12500 V</b>	<b>230 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



1x Energizer power energy PE60



1x Net  
120 cm, 14 rods, 50 m



1x Ground rod profile, 100 cm

Art.Nr. 8197 – Electric fence kit with wolf net  
**protection against wolves, predators**

<b>5 J</b>	<b>11800 V</b>	<b>230 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



1x Energizer power P50



1x Wolf net  
120 cm, 14 rods, 50 m



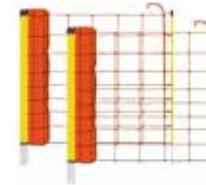
1x Ground rod profile, 100 cm

Art.Nr. 8317 – Electric fence kit with electric net  
**preventive protection against wolves, predators**

<b>5 J</b>	<b>12500 V</b>	<b>230 V</b>	<b>50 m</b>
POWER	VOLTAGE	SOURCE	FENCE



1x Energizer power energy PE60



2x Net  
90 cm, 14 rods, 50 m



1x Ground rod profile, 100 cm



1x Signal tape  
220 m

**Art.Nr. 8330**  
**2 J energizer, solar panel 40 W**  
**regulator 10 A, 12 V battery 44 Ah**



**Art.Nr. 8334**  
**1 J RF energizer with controller, solar panel 40 W,**  
**regulator 10 A, 12 V battery 44 Ah**



**Art.Nr. 8335**  
**5 J RF energizer with controller, solar panel 100 W,**  
**regulator 10 A, 12 V battery 44 Ah**



**Art.Nr. 8333**  
**10 J energizer, solar panel 200 W**  
**regulator 10 A, 12V battery 95 Ah**



**Art.Nr. 8337**  
**8 J RF energizer with controller, solar panel 200 W,**  
**regulator 10 A, 12 V battery 95 Ah**



**Art.Nr. 8338**  
**15 J RF energizer with controller, solar panel 200 W,**  
**regulator 10 A, 12 V battery 95 Ah**



**Art.Nr. 8306**  
**Security box fencee, regulator 10 A,**  
**bracket, panel 40 W**



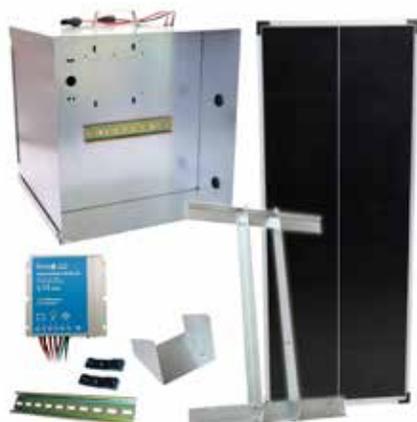
**Art.Nr. 8305**  
**Security box fencee, regulator 10 A,**  
**bracket, panel 100 W**



**Art.Nr. 8304**  
**Security box fencee, regulator 10 A,**  
**bracket, panel 200 W**



**Art.Nr. 8308**  
**Transport box fencee, regulator 10 A,**  
**bracket, panel 100 W**



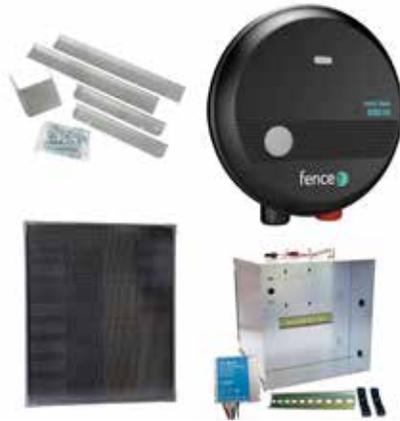
**Art.Nr. 8307**  
**Transport box fencee, regulator 10 A,**  
**bracket, panel 200 W**



**Art.Nr. 8310**  
**Ground screw, regulator 10 A,**  
**bracket, panel 200 W**



Art.Nr. 8343  
1 J energizer, transport box, panel 40 W,  
regulator 10 A, bracket



Art.Nr. 8347  
7 J RF energizer with controller, transport box,  
panel 100 W, regulator 10 A, bracket,  
external antenna



Art.Nr. 8348  
10 J RF energizer with controller, transport box,  
panel 200 W, regulator 10 A, bracket with  
ground screw, external antenna



Art.Nr. 8349  
2 J energizer, security box, panel 40 W,  
regulator 10 A, bracket



Art.Nr. 8353  
3 J RF energizer with controller, security box,  
panel 40 W, regulator 10 A, bracket,  
external antenna



Art.Nr. 8356  
15 J RF energizer with controller, security box,  
panel 200 W, regulator 10 A, bracket with  
ground screw, external antenna



Art.Nr. 8357

1 J energizer, transport box, panel 40 W, regulator 10 A, bracket, earthing rod, polytape 20 mm, post 105 cm



Art.Nr. 8363

7 J RF energizer with controller, transport box, panel 100 W, regulator 10 A, bracket, earthing rod, net 120 cm, external antenna



Art.Nr. 8372

5 J energizer, security box, panel 100 W, regulator 10 A, bracket, earthing rod, polywire 3 mm, post 156 cm



Art.Nr. 8373

3 J energizer with controller, security box, panel 40 W, regulator 10 A, bracket, earthing rod, polywire 3 mm, post 156 cm, external antenna



Cloud connection

Art.Nr. 8368

- 15 J RF energizer
- central Wi-Fi GATEWAY GW100
- monitoring device MX10
- security box
- panel 200 W
- regulator 15A
- bracket
- external antenna

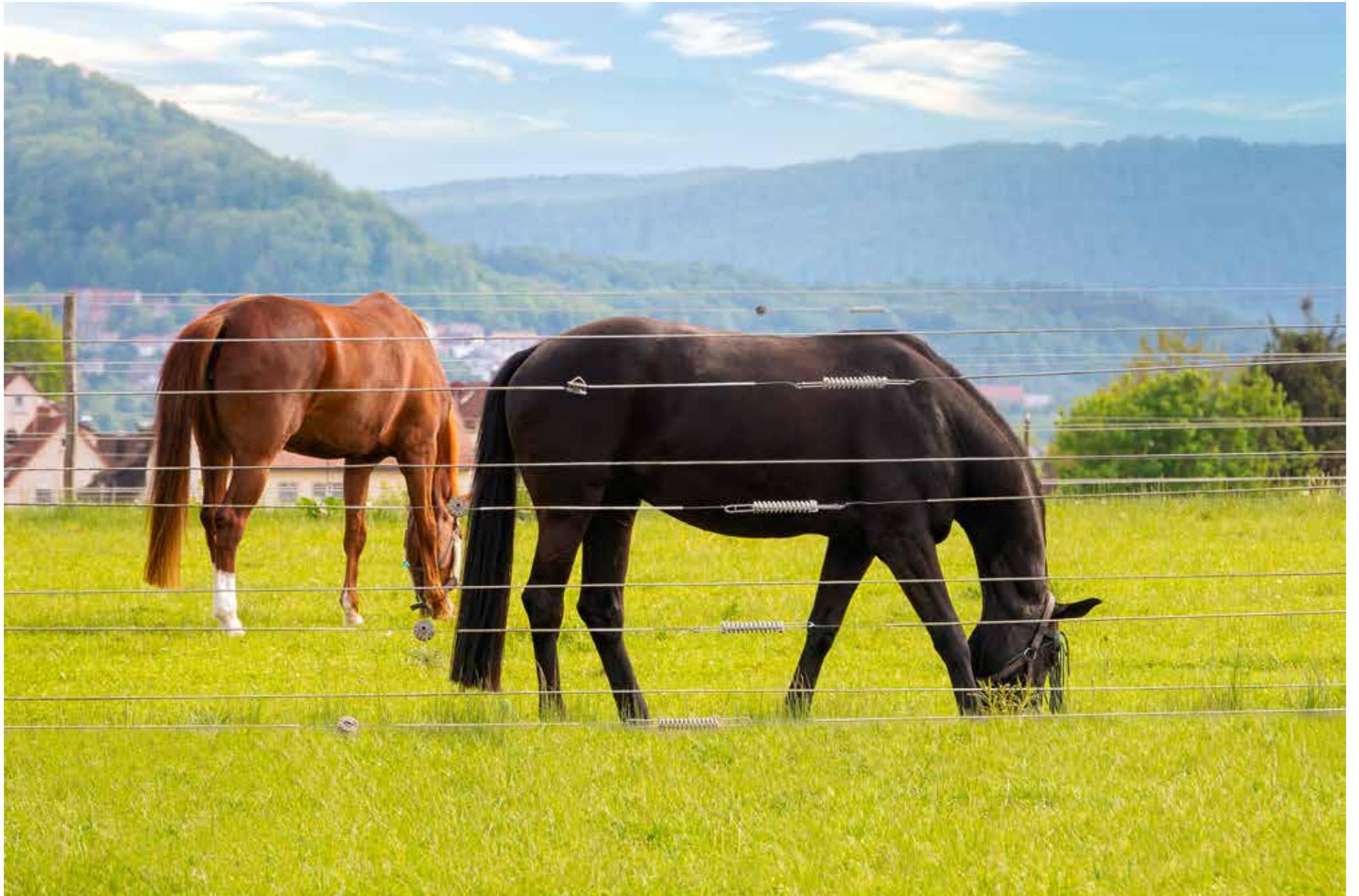


Cloud connection

Art.Nr. 8369

- 7 J RF energizer with controller
- central Wi-Fi GATEWAY GW100
- monitoring device MX10
- security box
- panel 100 W
- regulator 10A
- bracket
- external antenna





# Accessories for electric fences

We offer a complete range of accessories for the construction, maintenance and reliable functionality of electric fences.

**When selecting accessories, keep in mind the essential points that are important for proper functionality.**

If you choose an unsuitable conductor.  
You will not ensure proper grounding.  
You do not provide proper insulation.



**Your fencing will not be able to operate at maximum performance!**

**More information about the products? To search, use Art.Nr.**



What you're looking for? E.g. fence for horse

Search

More information and details about the product can be found on our e-shop under the product number. (Art.Nr.)





Follow our profile  
**fenceezech**



# Conductors

There are several points to consider when selecting a conductor.

**Material** – You have a choice between plastic conductor materials (tape, wire, rope) in which conductive wires are woven together with plastic threads. Hardmetal wires are another option, which are particularly suitable for the construction of permanent fences.

**Number of conductors** – The higher the number of conductive wires in a conductor, the better the conductivity of that conductor. When combining stainless steel and copper materials, the resistance value is also reduced.

**Resistance** – When selecting, follow the resistance in Ohm/m. The lower this value, the better the material conducts electric current.



**Standard quality** with stainless steel conductors



**TOP quality** combination of stainless steel and copper wires



**PREMIUM** Conductors with the lowest resistance



#### Conductor strength

Indicates the maximum tensile load before melting.



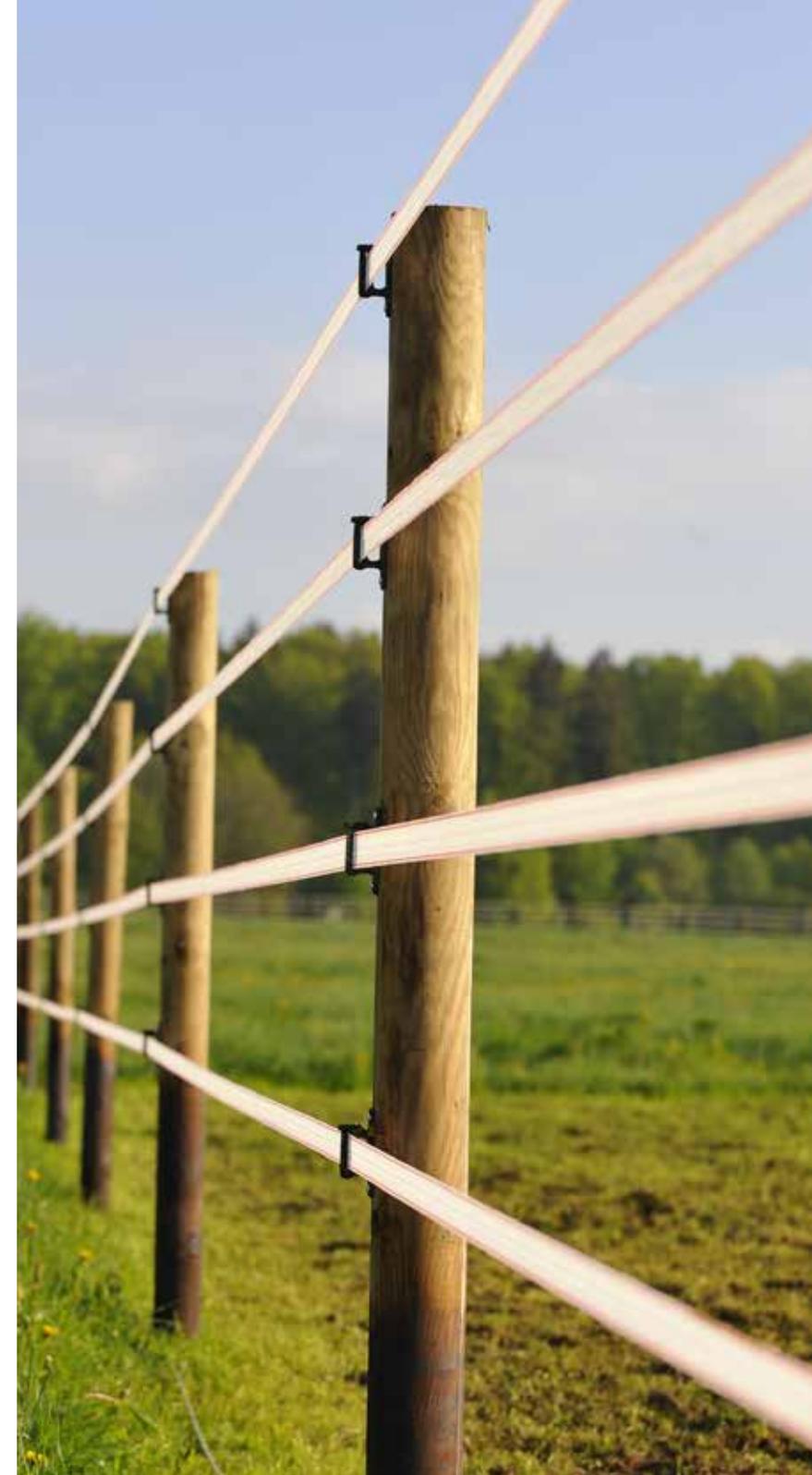
#### Resistance of the conductor

Indicates the resistance of the conductor per 1 meter. The lower the value, the better it conducts electric current.

#### Number and material of conductors

##### **COPPER 2 × 0,25 mm**

The more conductors and larger diameter = lower resistance and higher conductivity.



# Polywires 2 – 3 mm



## Polywire 2,5 mm Art.Nr. 8005

Conductor
<b>Stainless 3 × 0,2 mm</b>
Resistance
<b>6,97 Ω/m</b>
Streight
<b>75 kg</b>
Length
<b>100 m</b>
Color
<b>Yellow-orange</b>



## Polywire 2,5 mm Art.Nr. 8006

Conductor
<b>Stainless 3 × 0,2 mm</b>
Resistance
<b>6,97 Ω/m</b>
Streight
<b>75 kg</b>
Length
<b>100 m</b>
Color
<b>Green</b>



## Polywire 2,5 mm Art.Nr. 8141

Conductor
<b>Stainless 3 × 0,2 mm</b>
<b>Copper 1 × 0,25 mm</b>
Resistance
<b>0,45 Ω/m</b>
Streight
<b>70 kg</b>
Length
<b>400 m</b>
Color
<b>Green</b>



## Polywire 2 mm Art.Nr. 8007

Conductor
<b>Stainless 3 × 0,16 mm</b>
Resistance
<b>13,8 Ω/m</b>
Streight
<b>50 kg</b>
Length
<b>250 m</b>
Color
<b>Yellow-orange</b>



## Polywire 2,5 mm Art.Nr. 8218

Conductor
<b>Stainless 3 × 0,20 mm</b>
Resistance
<b>7,8 Ω/m</b>
Streight
<b>75 kg</b>
Length
<b>250 m</b>
Color
<b>Green</b>



## Polywire 2,5 mm Art.Nr. 8217

Conductor
<b>Stainless 4 × 0,20 mm</b>
<b>Copper 2 × 0,20 mm</b>
Resistance
<b>0,18 Ω/m</b>
Streight
<b>85 kg</b>
Length
<b>800 m</b>
Color
<b>Blue-white</b>

# Polywires 2 – 3 mm



**Polywire 2,5 mm**  
Art.Nr. 8493

Conductor
<b>Stainless 3 × 0,20 mm</b>
Resistance
<b>7,7 Ω/m</b>
Streight
<b>80 kg</b>
Length
<b>200 m</b>
Color
<b>Blue</b>



**Polywire 2,5 mm**  
Art.Nr. 8329

Conductor
<b>Stainless 6 × 0,20 mm Copper 3 × 0,25 mm</b>
Resistance
<b>0,1 Ω/m</b>
Streight
<b>100 kg</b>
Length
<b>1000 m</b>
Color
<b>Green-white</b>



**Polywire 3 mm**  
Art.Nr. 8485

Conductor
<b>Stainless 6 × 0,25 mm</b>
Resistance
<b>2,30 Ω/m</b>
Streight
<b>95 kg</b>
Length
<b>400 m</b>
Color
<b>Red-white</b>



**Polywire 3 mm**  
Art.Nr. 8077

Conductor
<b>Stainless 6 × 0,20 mm</b>
Resistance
<b>3,8 Ω/m</b>
Streight
<b>110 kg</b>
Length
<b>400 m</b>
Color
<b>White</b>



**Polywire 3 mm**  
Art.Nr. 8495

Conductor
<b>Stainless 3 × 0,20 mm</b>
Resistance
<b>7,7 Ω/m</b>
Streight
<b>110 kg</b>
Length
<b>800 m</b>
Color
<b>Blue</b>



**Polywire 3 mm**  
Art.Nr. 8063

Conductor
<b>Stainless 2 × 0,25 mm Copper 2 × 0,25 mm</b>
Resistance
<b>0,17 Ω/m</b>
Streight
<b>110 kg</b>
Length
<b>400 m</b>
Color
<b>Blue</b>

# Polywires 2 – 3 mm

TOP  
QUALITY



## Polywire 3 mm

Art.Nr. 8009

Conductor

**Stainless 3 × 0,20 mm**

**Copper 3 × 0,25 mm**

Resistance

**0,10 Ω/m**

Strength

**110 kg**

Length

**400 m**

Color

**White-green**

BESTSELLER



## Polywire 3 mm

Art.Nr. 8494

Conductor

**Stainless 4 × 0,20 mm**

**Copper 2 × 0,20 mm**

Resistance

**0,25 Ω/m**

Strength

**110 kg**

Length

**400 m**

Color

**Blue-white**

TOP  
QUALITY

- Excellent conductivity
- Resistance only 0,25 Ω/m
- Suitable for longer installations
- High UV protection
- Color combination easily visible to wildlife

## TIP – Wire connectors

Use Conductore connectors to connect and join Conductors. This will maximize conductivity.



### Polywire connector

Art.Nr. 8013



### Polywire and rope connector

Art.Nr. 8174



### Wire connector

Art.Nr. 8086



### Tape connector up to 20 mm

Art.Nr. 8014

### Tape connector up to 40 mm

Art.Nr. 8175



### Wire connector

Art.Nr. 8558

# Ropes 4 – 6,5 mm



**Rope 4 mm**  
Art.Nr. 8489

Conductor
<b>Stainless 3 × 0,20 mm</b>
Resistance
<b>7,7 Ω/m</b>
Streight
<b>150 kg</b>
Length
<b>400 m</b>
Color
<b>White-red</b>



**Rope 4,5 mm**  
Art.Nr. 8079

Conductor
<b>Stainless 3 × 0,30 mm</b>
Resistance
<b>3,3 Ω/m</b>
Streight
<b>350 kg</b>
Length
<b>200 m</b>
Color
<b>White</b>



**Rope 5 mm**  
Art.Nr. 8490

Conductor
<b>Stainless 3 × 0,20 mm</b>
Resistance
<b>7,7 Ω/m</b>
Streight
<b>240 kg</b>
Length
<b>200 m</b>
Color
<b>White</b>



**Rope 6 mm**  
Art.Nr. 8491

Conductor
<b>Stainless 4 × 0,25 mm</b>
Resistance
<b>7,7 Ω/m</b>
Streight
<b>280 kg</b>
Length
<b>200 m</b>
Color
<b>White</b>



**Rope 6 mm**  
Art.Nr. 8080

Conductor
<b>Stainless 5 × 0,20 mm</b> <b>Copper 1 × 0,25 mm</b>
Resistance
<b>0,4 Ω/m</b>
Streight
<b>580 kg</b>
Length
<b>200 m</b>
Color
<b>White-blue</b>



**Rope 4,5 mm**  
Art.Nr. 8497

Conductor
<b>Stainless 5 × 0,20 mm</b>
Resistance
<b>4,6 Ω/m</b>
Streight
<b>280 kg</b>
Length
<b>200 m</b>
Color
<b>Yellow-black</b>

# Ropes 4 – 6,5 mm

TOP  
QUALITY



## Rope 6,5 mm

Art.Nr. 8492

Conductor	Stainless 6 × 0,20 mm
Resistance	3,8 Ω/m
Streight	320 kg
Length	200 m
Color	Brown-orange

TOP  
QUALITY



## Rope 4,5 mm

Art.Nr. 8079

Conductor	Stainless 3 × 0,30 mm
Resistance	3,3 Ω/m
Streight	350 kg
Length	200 m
Color	White

STANDARD  
QUALITY



## Rope 5 mm

Art.Nr. 8490

Conductor	Stainless 3 × 0,20 mm
Resistance	7,7 Ω/m
Streight	240 kg
Length	200 m
Color	White

TOP  
QUALITY



## Twisted polyrope 4 mm

Art.Nr. 8379

Conductor	Stainless 2 × 0,40 mm
Resistance	3,2 Ω/m
Streight	200 kg
Length	500 m
Color	White

TOP  
QUALITY



## Twisted polyrope 6 mm

Art.Nr. 8380

Conductor	Stainless 2 × 0,50 mm
Resistance	2,04 Ω/m
Streight	340 kg
Length	200 m
Color	Bílá

# Polytapes 10 – 40 mm



**Polytape 10 mm**  
Art.Nr. 8010

Conductor  
**Stainless 4 × 0,16 mm**  
Resistance  
**10,12 Ω/m**  
Streight  
**65 kg**  
Length  
**250 m**  
Color  
**Yellow-orange**



**Polytape 10 mm**  
Art.Nr. 8486

Conductor  
**Stainless 4 × 0,15 mm**  
Resistance  
**9,8 Ω/m**  
Streight  
**61 kg**  
Length  
**200 m**  
Color  
**White**



**Polytape 12,5 mm**  
Art.Nr. 8487

Conductor  
**Stainless 3 × 0,16 mm**  
**Copper 1 × 0,20 mm**  
Resistance  
**0,5 Ω/m**  
Streight  
**98 kg**  
Length  
**200 m**  
Color  
**White-green**



**Polytape 20 mm**  
Art.Nr. 8011

Conductor  
**Stainless 5 × 0,16 mm**  
Resistance  
**7,34 Ω/m**  
Streight  
**95 kg**  
Length  
**200 m**  
Color  
**White**



**Polytape 20 mm**  
Art.Nr. 8220

Conductor  
**Stainless 5 × 0,16 mm**  
Resistance  
**7,2 Ω/m**  
Streight  
**90 kg**  
Length  
**250 m**  
Color  
**Blue**



**Polytape 20 mm**  
Art.Nr. 8142

Conductor  
**Stainless 4 × 0,20 mm**  
**Copper 1 × 0,25 mm**  
Resistance  
**0,45 Ω/m**  
Streight  
**90 kg**  
Length  
**200 m**  
Color  
**White**

# Polytapes 10 – 40 mm



**Polytape 20 mm**  
Art.Nr. 8219

Conductor  
**Stainless 4 × 0,20 mm**  
**Copper 1 × 0,25 mm**  
 Resistance  
**0,45 Ω/m**  
 Streight  
**90 kg**  
 Length  
**200 m**  
 Color  
**Green**



**Polytape 20 mm**  
Art.Nr. 8078

Conductor  
**Stainless 3 × 0,25 mm**  
**Copper 3 × 0,25 mm**  
 Resistance  
**0,1 Ω/m**  
 Streight  
**166 kg**  
 Length  
**200 m**  
 Color  
**White-green**



**Polytape 20 mm**  
Art.Nr. 8488

Conductor  
**Stainless 4 × 0,16 mm**  
**Copper 2 × 0,25 mm**  
 Resistance  
**0,19 Ω/m**  
 Streight  
**120 kg**  
 Length  
**200 m**  
 Color  
**White**



**Polytape 40 mm**  
Art.Nr. 8484

Conductor  
**Stainless 8 × 0,15 mm**  
 Resistance  
**5,60 Ω/m**  
 Streight  
**160 kg**  
 Length  
**200 m**  
 Color  
**White**



**Polytape 40 mm**  
Art.Nr. 8221

Conductor  
**Stainless 4 × 0,20 mm**  
**Copper 2 × 0,25 mm**  
 Resistance  
**0,18 Ω/m**  
 Streight  
**120 kg**  
 Length  
**200 m**  
 Color  
**Blue-white**



**Polytape 40 mm**  
Art.Nr. 8082

Conductor  
**Stainless 8 × 0,25 mm**  
**Copper 2 × 0,25 mm**  
 Resistance  
**0,16 Ω/m**  
 Streight  
**230 kg**  
 Length  
**200 m**  
 Color  
**Brown**

# Steel wires

**BESTSELLER**



## PVC Polytape 12 mm

Art.Nr. 8496

Conductor

**Aluminium 5 × 0,40 mm**

Resistance

**0,017  $\Omega$ /m**

Strenght

**100 kg**

Length

**200 m**

Color

**Blue-white**



## Wire 1,6 mm

Art.Nr. 8341

Material

**Galvanized**

Resistance

**0,07  $\Omega$ /m**

Length

**200 m**



## Stranded wire 1,6 mm

Art.Nr. 8084

Material

**Galvanized**

Resistance

**0,12  $\Omega$ /m**

Strenght

**200 kg**

Length

**200 m**



## Wire 2 mm

Art.Nr. 8083

Material

**Galvanized**

Resistance

**0,05  $\Omega$ /m**

Strenght

**345 kg**

Length

**200 m**

- Excellent conductivity
- Zinc, aluminium and magnesium alloy
- Corrosion protection
- High strength
- Suitable for permanent installations



We recommend the use of a wire dispenser when installing a wire fence.

**Art.Nr. 8260**



# Aluminium wires

## Wire 1,6 mm

Art.Nr. 8510

Resistance

**0,02  $\Omega$ /m**

Strenght

**70 kg**

Length

**400 m**



## Wire 1,8 mm

Art.Nr. 8511

Resistance

**0,015  $\Omega$ /m**

Strenght

**80 kg**

Length

**400 m**



**BESTSELLER**



## Wire 1,9 mm

Art.Nr. 8503

Resistance

**0,017  $\Omega$ /m**

Strenght

**100 kg**

Length

**400 m**

## Wire 2 mm

Art.Nr. 8512

Resistance

**0,01  $\Omega$ /m**

Strenght

**100 kg**

Length

**400 m**



## Stranded wire 1,8 mm

Art.Nr. 8509

Resistance

**0,027  $\Omega$ /m**

Strenght

**100 kg**

Length

**500 m**



The aluminium wire is long-lasting. Over time, the wire becomes coated with a natural oxide layer that protects the material from corrosion.

- Low weight compared to steel wire
- Excellent conductivity

# Steel wires with plastic wrap

## Wire 6 mm

Art.Nr. 8513

Resistance

**0,055  $\Omega$ /m**

Strenght

**400 kg**

Length

**200 m**



## Wire 8 mm

Art.Nr. 8367

Resistance

**0,035  $\Omega$ /m**

Strenght

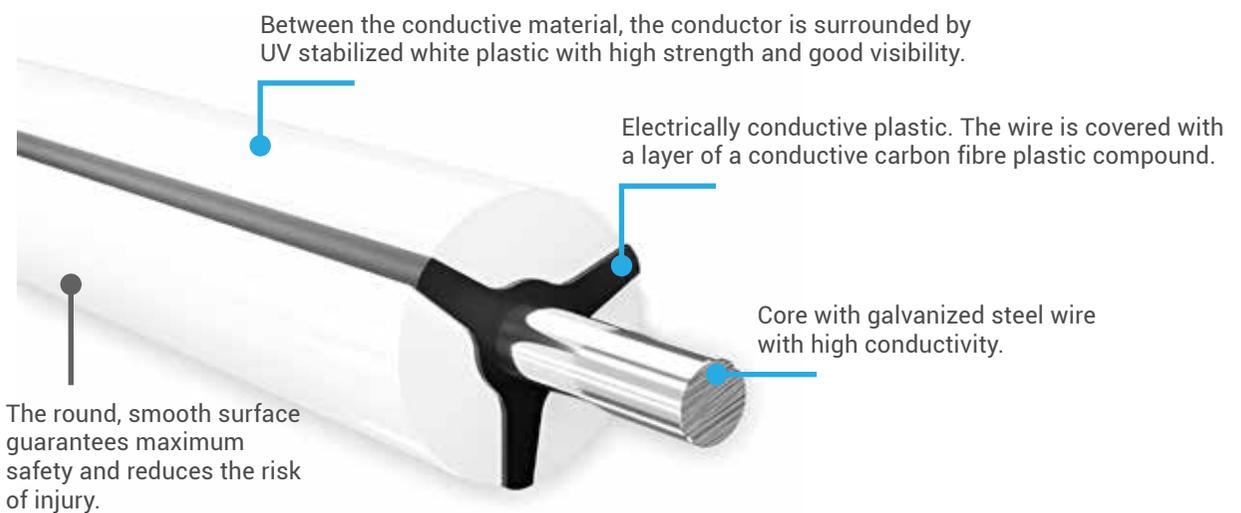
**800 kg**

Length

**200 m**



## The perfect choice for an electric horse fence



# Wire reels and dispenser



**Wire dispenser**  
Art.Nr. 8260

Wire dispenser for easier handling of steel wire.



**Hand-held reel/unreel for wires**  
Art.Nr. 8391

One-handed unwinding tool for easy unwinding of fence wire.



**Reel for electric fences with 1:1 gear**  
Art.Nr. 8272

Reel with practical handle for electric fence wires for winding or storing plastic fence ropes, wires and tapes.



**Reel for electric fence with 3:1 gear  
PREMIUM**  
Art.Nr. 8501

For winding, unwinding or storage of fence ropes, cables and tapes.

**BESTSELLER**

**Reel for electric fences with 3:1 gear**  
Art.Nr. 8252

Reel with practical handle for electric fence wires for winding or storing plastic fence ropes, wires and tapes.

- One turn of the crank turns the drum three times
- Safety brake against drum touching

**The following can be wound on the reel:**

- Approx. 700 m of rope
- Approx. 300 m of tape



# Connectors



**Tape connector up to 20 mm – 5 pcs**  
**Art.Nr. 8014**

Provides a perfect conductive connection.  
• Galvanized



**Tape connector up to 40 mm – 5 pcs**  
**Art.Nr. 8175**

Provides a perfect conductive connection.  
• Galvanized



**Connector for wires up to 13 mm – 4 pcs**  
**Art.Nr. 8172**

Allows easy connection of the wire to the handles, gate handles and gate insulators.



**Polywire connector up to 6 mm – 5 pcs**  
**Art.Nr. 8013**

Ensures a perfect conductive connection.  
• Galvanized



**Rope connector up to 6 mm – 5 pcs**  
**Art.Nr. 8174**

Ensuring a perfect conductive connection.  
• Galvanized



**Wire connector up to 3 mm – 5 pcs**  
**Art.Nr. 8086**

High tensile wire / steel cable connector for electric fence. Large stainless steel fastening nut.

# Connectors



## U connector for ropes 6, 10 or 14 mm – 5 pcs

Galvanized connector for fence ropes.

Diameter	Art.Nr.
6 mm	8296
10 mm	8421
14 mm	8422



## Connector for polyropes with a diameter of 4,5 to 6,5 mm – 5 pcs Art.Nr. 8423

Galvanized metal rope connector for electric fence with diameter ranging from 4,5–6,5 mm.



## Wire connector up to 2,5 mm – 5 pcs Art.Nr. 8558

Metal connector suitable for wires with screw.



## Crimping wire connector up to 2,5 mm – 25 pcs

Art.Nr. 8256

Crimping aluminium connector for wires of electric fence. For use with crimping pliers.



## Plastic tensioner for polywires up to 5 mm – 5 pcs

Art.Nr. 8561

Tensioner for quick tensioning of rope or wires.



## Plastic tensioner for polywires up to 3 mm – 4 pcs

Art.Nr. 8254

The reliable tensioning and locking mechanism keeps the fence wires tight.

# Permanent fencing accessories



**Temperature balancing spring, galvanized  
435 mm**

**Art.Nr. 8085**

Balancing spring prevents the conductors from sagging and prevents excessive stress on the corner posts.



**Temperature balancing spring, galvanized  
200 mm**

**Art.Nr. 8413**

The tension spring compensates for temperature differences in the length of the conductors caused by temperature changes.



**Wire tensioner, galvanized – 100 mm**

**Art.Nr. 8087**

Allows quick tensioning and loosening of wire or polywire.



**Wire tensioner with gear lock**

**Art.Nr. 8253**

Used for easy and quick tensioning and loosening of the wire or steel wire of the electric fence.



**Wire tensioner with gear lock and insulator**

**Art.Nr. 8246**

Used for easy tensioning and loosening of wire or polyrope of the electric fence.



**Tensioning lever for geared tensioners**

**Art.Nr. 8257**

A great helper for easy and safe tightening of horn tensioners.

# Permanent fencing accessories



## Round tensioner

Art.Nr. 8103

Allows quick tightening/loosening of wire, wire rope, steel cable, the length of which varies according to the current temperature.



## Porcelain insulator, corner and tension – 4 pcs

Art.Nr. 8280

Tension and corner porcelain insulator for use with fence wire.



## Porcelain insulator, corner – 4 pcs

Art.Nr. 8255

End and corner porcelain insulator with excellent insulation.



## Handle for round tensioner

Art.Nr. 8104

Steel handle is used to tighten and loosen the wire on the round tensioner.



## Galvanized staples 2,2 × 25 mm – 100 g

Art.Nr. 8390

Galvanized staple for fixing barbed wire, fence wire clip 2,2 × 25 mm.



## Galvanized staples 3,1 × 31 mm – 1 kg

Art.Nr. 8392

Galvanized staple for fixing barbed wire, fence wire clip 3,1 × 31 mm.

# Permanent fencing accessories



**Plastic insulator "egg" – 2 pcs**  
Art.Nr. 8411

Suitable for rope up to  $\varnothing$  8 mm, steel wire or Horse Wire. For corner posts with a maximum diameter of 160 mm.



**Porcelain corner insulator – 2 pcs**  
Art.Nr. 8412

Inner diameter of round ceramic insulator  $\varnothing$  10 mm. For stakes with a maximum diameter of 160 mm.



**Corner reinforcement set**  
Art.Nr. 8386

Corner set for diagonal reinforcement of the beginning and end of a electric fence. For posts up to  $\varnothing$  160 mm.

Package contents:  
1× wire tensioner  
2× 90° metal angles  
1× stainless steel rope loop  
6× wood screws



**Insulated wire tensioner**  
wire 3 mm – 80 cm  
Art.Nr. 8553



**Insulated wire tensioner insulator**  
wire 3 mm – 80 cm  
Art.Nr. 8554  
For tensioning posts.

# Permanent fencing accessories



**Wire cutters for electric fencing**  
Art.Nr. 8445

Cutting pliers are suitable if you cut ropes in one piece and not in bundles.



**Bender for fence wire, 3 diameters**  
Art.Nr. 8259

A great tool for bending steel wire when building a permanent electric fence. Three holes with different diameters 6, 4 and 3 mm.



**Post Driver for T-Posts**  
Art.Nr. 8258

Hand-held fence post hammer suitable mainly for hammering T-posts.



**Farmer's pliers and hammer**  
Art.Nr. 8247

Very practical tool for building and maintaining electric fences. They cut wire up to  $\varnothing$  5 mm.



**Professional Crimping Pliers**  
Art.Nr. 8248

Professional robust crimping pliers for crimping wire and wire connectors.



**Lever chain tensioner with hook**  
Art.Nr. 8444

Lever chain wire tensioner with self-locking jaws for electric fences.

# Electric nets for electric fence

Fencing nets are the ideal choice for easy and quick fencing of your property. They are also great as protection against wild animals and wolves.

When using a net, care must be taken to ensure a high quality, powerful fencing net to achieve the maximum potential of the entire fencing net. The offered fencing nets will find use in professional grazing and livestock farming as well as in the hobby farming segment.



**Jumbo**  
Reinforced bar profile



**One spike**



**Double spike**



**Plus-minus**  
connection



**Semi-rigid**  
Non-conductive reinforced  
horizontal strands



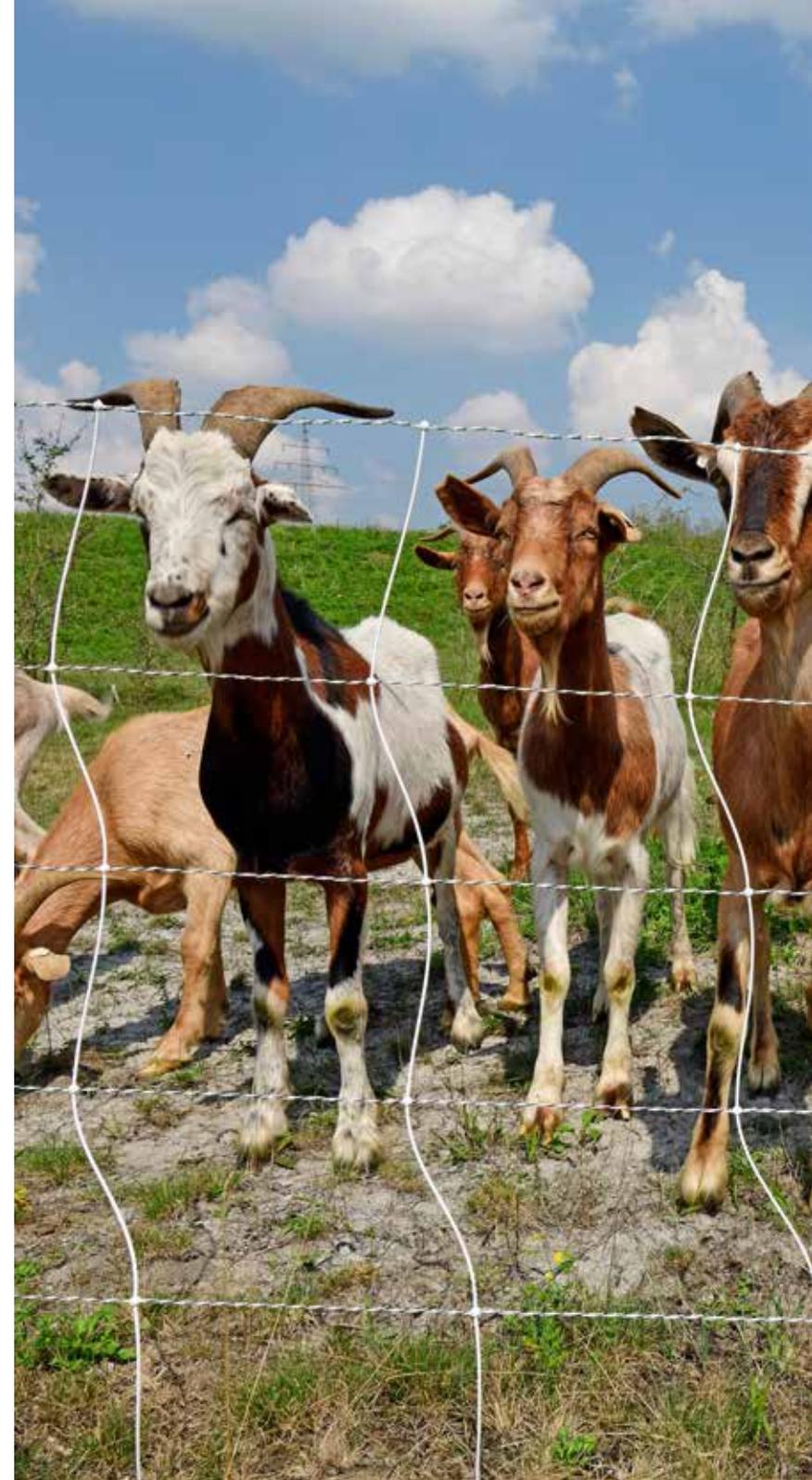
**Dimensions**  
Length and height

**STANDARD**

Basic quality

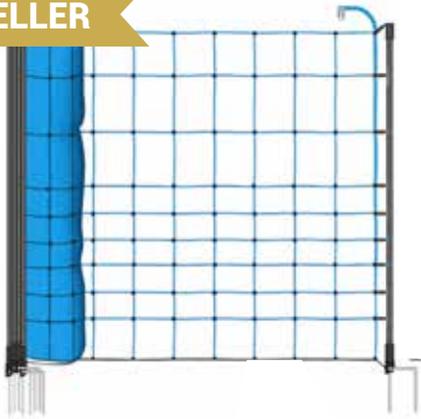
**PREMIUM**

Premium quality



# Nets against wolves

**BESTSELLER**



Blue highly visible net with 9 conductive strands + top reinforced conductor.

## Blue 120 cm

Art.Nr. 8478

Conductor

**10 ropes 3 × 0,20 mm  
top 6 × 0,20 mm**

Number of bars

**14 pcs**

Length

**50 m**

Height

**120 cm**

Spike

**Double**

Color

**Blue**

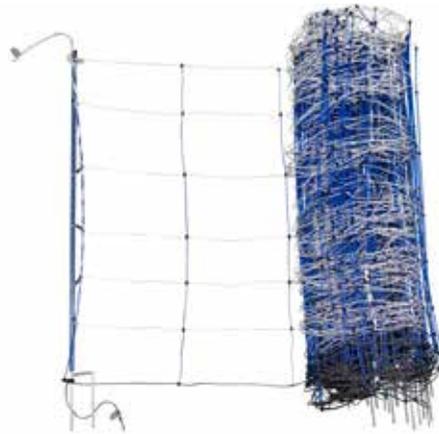
**STANDARD**



120 cm



50 m



Blue highly visible net with 5 conductive strands + top reinforced conductor.

## Blue 90 cm

Art.Nr. 8469

Conductor

**6 ropes 3 × 0,30 mm**

Number of bars

**14 pcs**

Length

**50 m**

Height

**90 cm**

Spike

**Double**

Color

**White-blue**

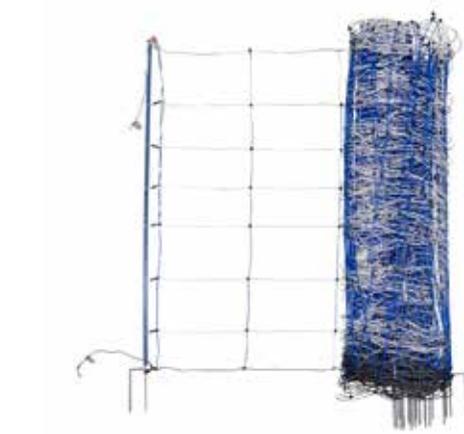
**PREMIUM**



90 cm



50 m



Blue highly visible net with 5 conductive strands + top reinforced conductor.

## Blue 108 cm

Art.Nr. 8468

Conductor

**7 ropes 3 × 0,30 mm**

Number of bars

**14 pcs**

Length

**50 m**

Height

**108 cm**

Spike

**Double**

Color

**White-blue**

**PREMIUM**

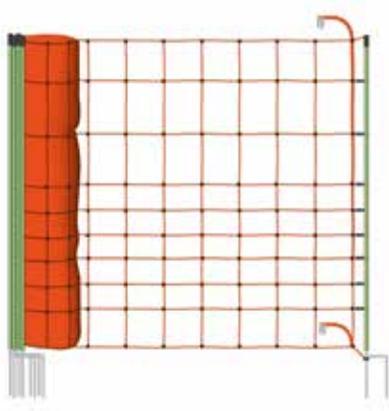


108 cm



50 m

# Nets against wolves

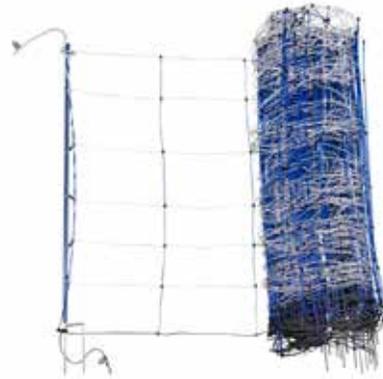
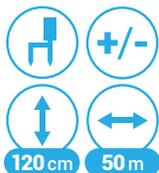


Electrically conductive fencing net suitable for protecting the herd from wolves. The bottom row is conductive, preventing burrowing.

## Orange 120 cm Art.Nr. 8098

Conductor
<b>8 wires 3 × 0,20 mm</b>
Number of bars
<b>14 pcs</b>
Length
<b>50 m</b>
Height
<b>120 cm</b>
Spike
<b>Double</b>
Color
<b>Orange</b>

STANDARD

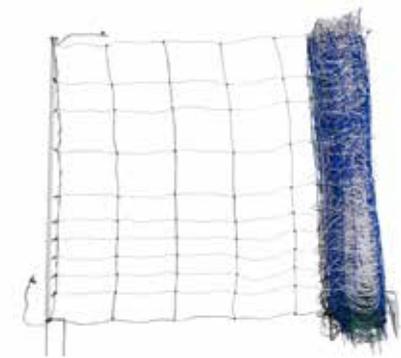
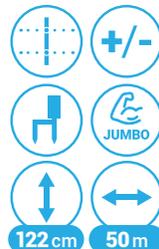


Special blue anti-wolf net for electric sheep fence. With Plus-Minus (+/-) connection for maximum safety and animal protection.

## Blue 122 cm Art.Nr. 8466

Conductor
<b>8 wires 3 × 0,30 mm</b>
Number of bars
<b>14 pcs</b>
Length
<b>50 m</b>
Height
<b>122 cm</b>
Spike
<b>Double</b>
Color
<b>White-blue</b>

★ PREMIUM



Special blue anti-wolf net. Reinforced top wire – increased conductivity thanks to 5 stainless steel conductors.

## Blue 145 cm Art.Nr. 8467

Conductor
<b>10 wires 3 × 0,30 mm</b>
Number of bars
<b>15 pcs</b>
Length
<b>50 m</b>
Height
<b>145 cm</b>
Spike
<b>Double</b>
Color
<b>White-blue</b>

★ PREMIUM



# Nets for sheep and goats

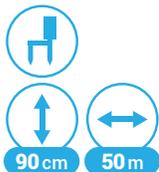


Net for electric fence for sheep breeding, can also be used for baby sheep. The lower black wire is non-conductive.

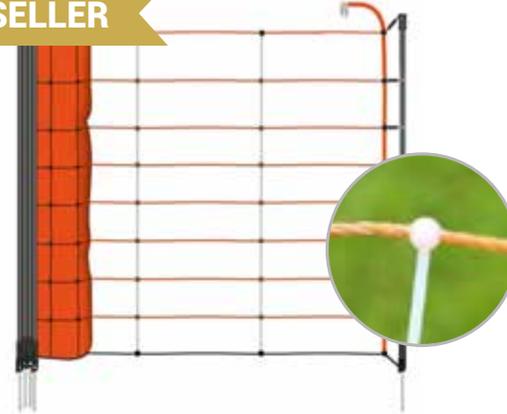
## Orange 90 cm Art.Nr. 8477

Conductor
<b>8 wires 3 × 0,20 mm</b>
Number of bars
<b>14 pcs</b>
Length
<b>50 m</b>
Height
<b>120 cm</b>
Spike
<b>Double</b>
Color
<b>Orange</b>

STANDARD



BESTSELLER

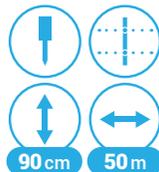


Reinforced net for electric sheep enclosure, can also be used for baby sheep. The lower black wire is non-conductive.

## Orange 90 cm Art.Nr. 8518

Conductor
<b>9 wires 3 × 0,20 mm</b>
Number of bars
<b>14 pcs</b>
Length
<b>50 m</b>
Height
<b>90 cm</b>
Spike
<b>Single</b>
Color
<b>Orange</b>

STANDARD

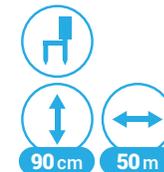


The net is suitable for animal enclosures or for land protection. The shorter spacing of the poles provides the net with high strength and resistance to tearing.

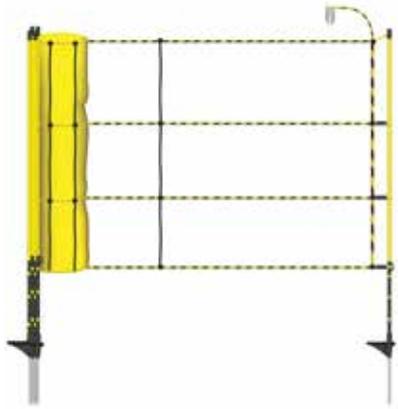
## Orange 90 cm Art.Nr. 8017

Conductor
<b>7 wires 3 × 0,30 mm</b>
Number of bars
<b>14 pcs</b>
Length
<b>50 m</b>
Height
<b>90 cm</b>
Spike
<b>Double</b>
Color
<b>Orange</b>

★ PREMIUM



# Nets for sheep and goats



Very visible net thanks to the black-yellow colour combination.

## Yellow 120 cm

Art.Nr. 8464

Conductor

**4 ropes 3 × 0,30 mm**

Number of bars

**15 pcs**

Length

**50 m**

Height

**105 cm**

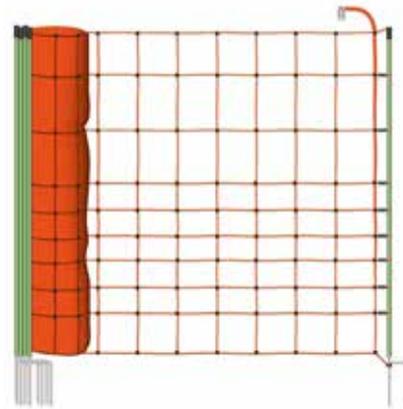
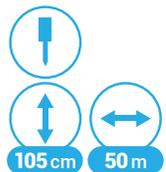
Spike

**Single**

Color

**Yellow**

**PREMIUM**



Electric conductive fencing net suitable for sheep and goat breeding. Reinforced bottom wire without conductors.

## Orange 120 cm

Art.Nr. 8287

Conductor

**8 ropes 3 × 0,20 mm**

Number of bars

**14 pcs**

Length

**50 m**

Height

**120 cm**

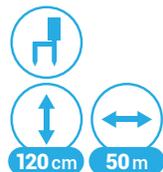
Spike

**Double**

Color

**Orange**

**PREMIUM**



# Nets for dogs, cats and rabbits

**BESTSELLER**



Electric fence net for dogs, rabbits and cats. Suitable for animal enclosures or for protecting land, gardens, crops, flower beds.

**STANDARD**



65 cm



50 m

## Green 65 cm

Art.Nr. 8479

Conductor

**10 ropes 3 × 0,20 mm**

Number of bars

**15 pcs**

Length

**50 m**

Height

**65 cm**

Spike

**Single**

Color

**Green**



The net is suitable for animal enclosures or for land protection. The bottom row (black wire) is non-conductive, insulating.

**PREMIUM**



65 cm



50 m

## Green 65 cm

Art.Nr. 8016

Conductor

**9 ropes 3 × 0,20 mm**

Number of bars

**15 pcs**

Length

**50 m**

Height

**65 cm**

Spike

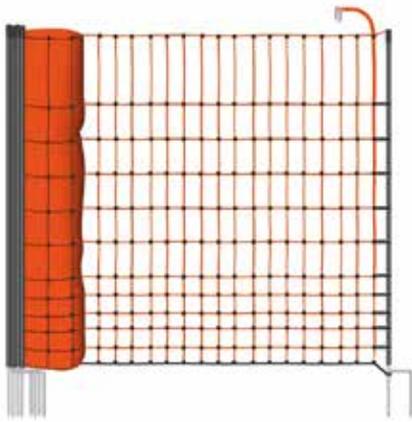
**Single**

Color

**Green**



# Nets for poultry



Orange color is easily visible to humans and animals. 11 horizontal guide wires with 3 × 0,20mm thick stainless steel conductor + 1 bottom row (black wire) is non-conductive, insulating.

## Orange 112 cm Art.Nr. 8015

Conductor

**11 ropes 3 × 0,20 mm**

Number of bars

**16 pcs**

Length

**50 m**

Height

**112 cm**

Spike

**Double**

Color

**Orange**

**PREMIUM**



112 cm



50 m



Net for electric fence for sheep breeding, can also be used for baby sheep. The lower black wire is non-conductive.

## Green 120 cm Art.Nr. 8377

Conductor

**11 ropes 3 × 0,20 mm**

Number of bars

**14 pcs**

Length

**50 m**

Height

**120 cm**

Spike

**Double**

Color

**Green**

**PREMIUM**



120 cm



50 m

## Plastic peg for electric nets

17 cm Art.Nr. 8533

19 cm Art.Nr. 8125



## Electric fence net repair kit

Art.Nr. 8279

Practical kit for repairing the nets for electric fences.



# Nets against pigs



Fencing net to protect the land against black beasts, wild boars. Suitable for temporary and mobile electric fences.

## White 75 cm

Art.Nr. 8230

Conductor

**3 ropes 3 × 0,20 mm**

**3 ropes 3 × 0,25 mm**

Number of bars

**9 pcs**

Length

**30,6 m**

Height

**75 cm**

Spike

**Single**

Color

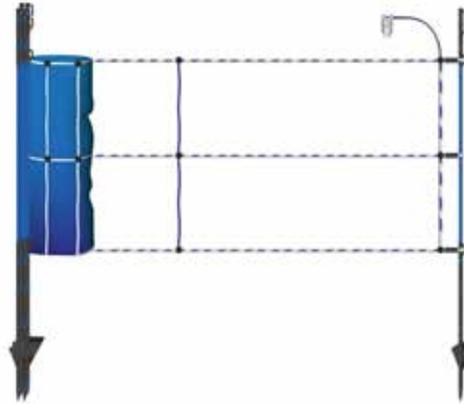
**White**

★ **PREMIUM**



75cm

30,6m



A net specially developed to protect against wild animals. The clue color is easily recognizable to wildlife and prevents animals from simply stepping over the net.

## Blue 63 cm

Art.Nr. 8169

Conductor

**3 ropes 3 × 0,30 mm**

Number of bars

**12 pcs**

Length

**50 m**

Height

**63 cm**

Spike

**Single**

Color

**Blue**

★ **PREMIUM**



63cm

50m

## Replacement fibreglass rod

### Blue 90 cm

Art.Nr. 8462

Material

**Fibreglass**

Height

**90 cm**

Spike

**Single**

Color

**Blue**

Quality

★ **PREMIUM**



90cm



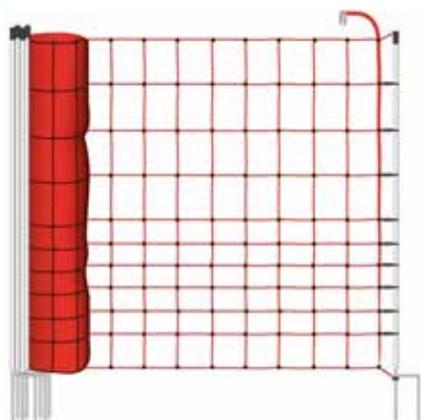
## Signal tape, 250 m

Art.Nr. 8463

- Highlights the boundary of the electric fence
- Length: 250 m
- Width: 25 mm



# Nets for horses



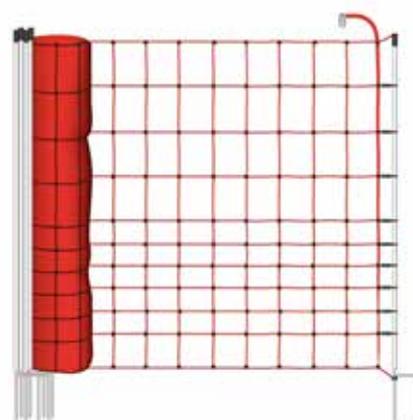
Suitable fencing net for horses, ponies, donkeys, llamas, alpacas, etc. The lower and upper ropes are additionally reinforced. Highly visible orange color net.

## Orange 145 cm

Art.Nr. 8231

Conductor	<b>10 wires 6 × 0,20 mm</b>
Number of bars	<b>15 pcs</b>
Length	<b>50 m</b>
Height	<b>145 cm</b>
Spike	<b>Double</b>
Color	<b>Orange</b>

★ PREMIUM



To protect crops, fields against wild deer, deer, roe deer, fallow deer. The lower and upper cables are additionally reinforced. Highly visible orange color net.

## Orange 170 cm

Art.Nr. 8232

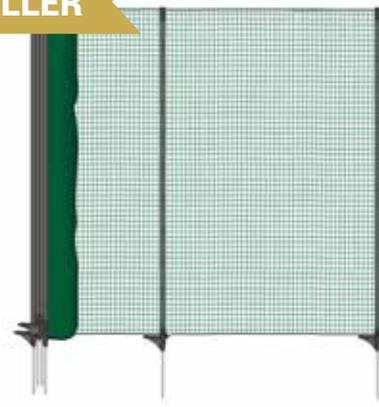
Conductor	<b>10 wires 6 × 0,20 mm</b>
Number of bars	<b>8 pcs</b>
Length	<b>25 m</b>
Height	<b>170 cm</b>
Spike	<b>Double</b>
Color	<b>Orange</b>

★ PREMIUM



# Universal nets

**BESTSELLER**



25 m



90 cm

Can also be used to protect poultry runs. Easy assembly makes it an ideal option for a mobile, portable enclosure.

## Green 90 cm

Art.Nr. 8378

Number of bars

17 pcs

Length

25 m

Height

90 cm

Spike

Single

Color

Green

 **PREMIUM**



81 cm

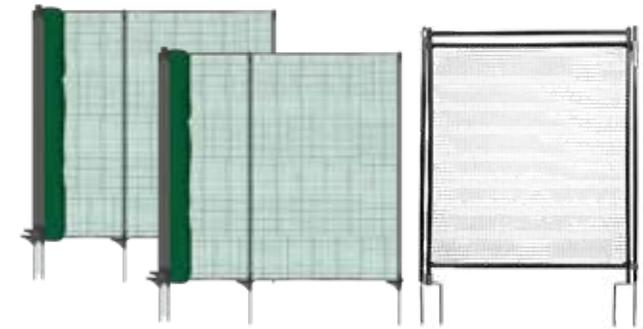


90 cm

## Gate for electric fence nets

Art.Nr. 8452

Quick and safe access to the fence area.  
Non-conductive – cannot be electrified.



## Set of two nets 90 cm with a gate

Art.Nr. 8499

Ideal for boundary fences in the garden and on the campsite.

### Package contents:

2× green net, non-conductive, length 25 m,  
height 90 cm

1× gate, height 90 cm, width 81 cm,  
non-conductive



# Universal nets



Universally applicable non-conductive net suitable for use around the house, cottage, farm, garden. Ideal option for mobile, portable enclosure.

## Green 80 cm

Art.Nr. 8229

Number of bars

**11 pcs**

Length

**20 m**

Height

**80 cm**

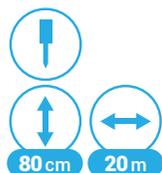
Spike

**Single**

Color

**Green**

**PREMIUM**



The non-conductive fencing net with integrated spring-loaded gate acts as a protection to prevent poultry and other smaller animals from escaping while protecting them from various predators.

## Green 112 cm

Art.Nr. 8446

Number of bars

**8 pcs**

Length

**24 m**

Height

**112 cm**

Spike

**Double**

Color

**Green**

**STANDARD**



Popular green fence net with practical gate. The net acts as protection to prevent poultry and other smaller animals from escaping.

## Green 112 cm

Art.Nr. 8447

Number of bars

**14 pcs**

Length

**50 m**

Height

**112 cm**

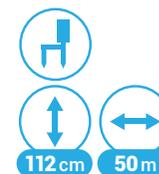
Spike

**Double**

Color

**Green**

**STANDARD**



# Gates for nets



Practical gate to the electric fence network that can be installed at any place in the network. Suitable for all electric nets with a height of 85–105 cm.

## Gate 105 cm

Art.Nr. 8109

Mesh

**5 × 5 cm**

Length

**86 m**

Height

**105 cm**

Spike

**Double**

Electrification

**Yes**

★ PREMIUM



86 cm



105 cm



Practical gate to the electric fence network that can be installed at any place in the network. Suitable for all electric nets with a height of 95–125 cm.

## Gate 125 cm

Art.Nr. 8110

Mesh

**5 × 5 cm**

Length

**86 m**

Height

**125 cm**

Spike

**Double**

Electrification

**Yes**

★ PREMIUM



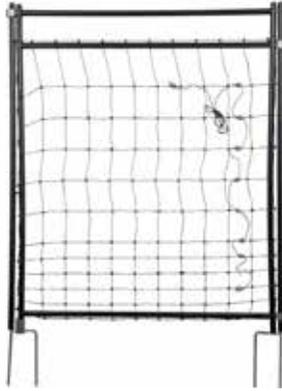
86 cm



125 cm



# Gates for nets



The gate network can be electrified and guarantees absolute security of the guarding. The gate can be integrated into any point of the network and offers maximum security.

## Gate 110 cm

Art.Nr. 8454

Mesh

5 × 5 cm

Length

86 m

Height

110 cm

Spike

Double

Electrification

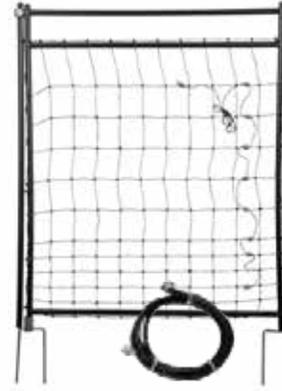
Yes

**PREMIUM**



86 cm

110 cm



Fast and safe access for nets from 90–110 cm. The net of the gate can be electrified and guarantees absolute safety of the guarding. Includes high voltage cable for underground networking.

## Gate 110 cm

Art.Nr. 8453

Mesh

5 × 5 cm

Length

86 m

Height

110 cm

Spike

Double

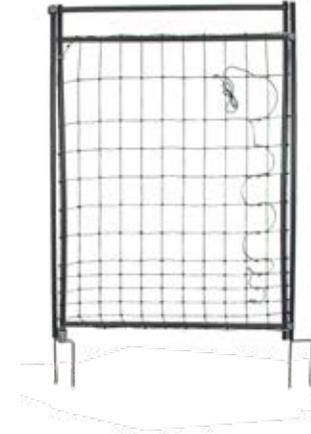
Electrification

Yes



86 cm

110 cm



For electrical mains 100–120 cm. The gate can be mounted anywhere on the fence net. The gate network can be electrified.

## Gate 120 cm

Art.Nr. 8455

Mesh

5 × 5 cm

Length

86 m

Height

120 cm

Spike

Double

Electrification

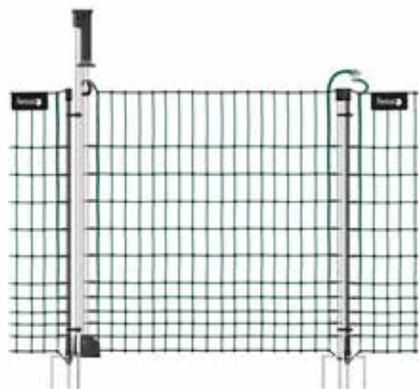
Yes



86 cm

120 cm

# Gates for nets



It is used to safely and easily enter the enclosure without the need to disconnect the power supply. For all electric mains with a height of 85–115 cm.

## Gate 112 cm

Art.Nr. 8236

Mesh
<b>5 × 5 cm</b>
Length
<b>120 m</b>
Height
<b>112 cm</b>
Spike
<b>Double</b>
Electrification
<b>Yes</b>

★ PREMIUM



120 cm

112 cm



Practical net gate for the electric fence that can be installed in any location. For electric nets up to 110 cm high.

## Gate 110 cm

Art.Nr. 8456

Mesh
<b>5 × 5 cm</b>
Length
<b>125 m</b>
Height
<b>110 cm</b>
Spike
<b>Double</b>
Electrification
<b>Yes</b>

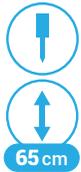


125 cm

110 cm



# Spare posts for nets



**65 cm**  
Art.Nr. 8483

Diameter  
ø 14 mm

Height  
**65 cm**

Spike

**Single**

Color  
**Black**

Quality

**STANDARD**



**65 cm**  
Art.Nr. 8134

Diameter  
ø 14 mm

Height  
**65 cm**

Spike

**Double**

Color  
**Green**

Quality

**PREMIUM**



**90 cm**  
Art.Nr. 8135

Diameter  
ø 14 mm

Height  
**90 cm**

Spike

**Double**

Color  
**Green**

Quality

**PREMIUM**



**90 cm**  
Art.Nr. 8480

Diameter  
ø 14 mm

Height  
**90 cm**

Spike

**Double**

Color  
**Black**

Quality

**STANDARD**



**90 cm – JUMBO**  
Art.Nr. 8498

Diameter  
ø 19 mm

Height  
**90 cm**

Spike

**Double**

Color  
**Green**

Quality

**PREMIUM**



**112 cm**  
Art.Nr. 8481

Diameter  
ø 14 mm

Height  
**112 cm**

Spike

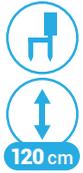
**Double**

Color  
**Black**

Quality

**STANDARD**

# Spare posts for nets



**120 cm**  
Art.Nr. 8482

Diameter	ø 14 mm
Height	120 cm
Spike	Double
Color	Black
Quality	

**STANDARD**



**120 cm**  
Art.Nr. 8136

Diameter	ø 14 mm
Height	120 cm
Spike	Double
Color	Green
Quality	

**PREMIUM**



**145 cm – JUMBO**  
Art.Nr. 8233

Diameter	ø 19 mm
Height	145 cm
Spike	Double
Color	Black
Quality	

**PREMIUM**



**170 cm – JUMBO**  
Art.Nr. 8234

Diameter	ø 19 mm
Height	170 cm
Spike	Double
Color	Black
Quality	

**PREMIUM**



## Support post

- The sturdy support bar gives the mobile enclosure the necessary stability
- The plastic surface treatment prevents energy leakage
- Electroplated steel ø 14 mm



**120 cm**  
Art.Nr. 8302

Diameter	ø 20 mm
Height	120 cm
Spike	Single
Color	Black
Quality	

**PREMIUM**

**145 cm**  
Art.Nr. 8465

Diameter	ø 20 mm
Height	145 cm
Spike	Single
Color	Black
Quality	

# Accessories for nets

**BESTSELLER**



## Plastic peg for nets 17 cm

Art.Nr. 8533

The peg is used for anchoring fencing electrical networks. Stabilizes and fastens the bottom row of the net.

Peg length: 17 cm



## Connecting cable for tape

Art.Nr. 8099

Ensures a perfect mechanical and electrical connection between the electric fence energizer and the tape up to 40 mm wide. Connecting eye M8.

Cable length: 130 cm



## Signal tape

Art.Nr. 8173

The signal tape increases the visibility of the fence or fence net for forest animals and passers-by.

It works as a signal deterrent against wild animals, and wolves.

Length: 220 m



## Plastic peg for nets 19 cm

Art.Nr. 8125

The peg is used for anchoring fencing electrical networks. Stabilizes and fastens the bottom row of the net.

Length: 19 cm

Width of the peg head: 5 cm



## Electric fence net repair kit

Art.Nr. 8279

Practical kit for repairing the nets for electric fences.

Package contents:

10× pin for anchoring the electric net

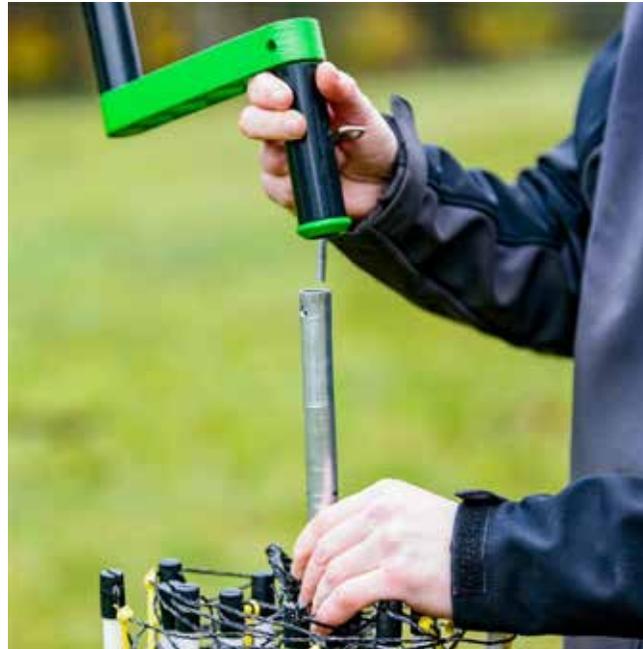
5× brass clamp for cross connection

2× spare conductive net rod cap

2× conductive wire for repairing the net approx. 100 cm

2× non-conductive net repair wire approx. 100 cm





**BESTSELLER**

## Rolling up aid for netting

**Art.Nr. 8235**

A versatile tool for handling fence nets. Very quick installation and removal of the net.

- Can be used for all nets up to 125 cm in height and 50 m of winding
- Removable handle allows transport and storage of rolled nets standing up



# Fence posts, stakes, poles

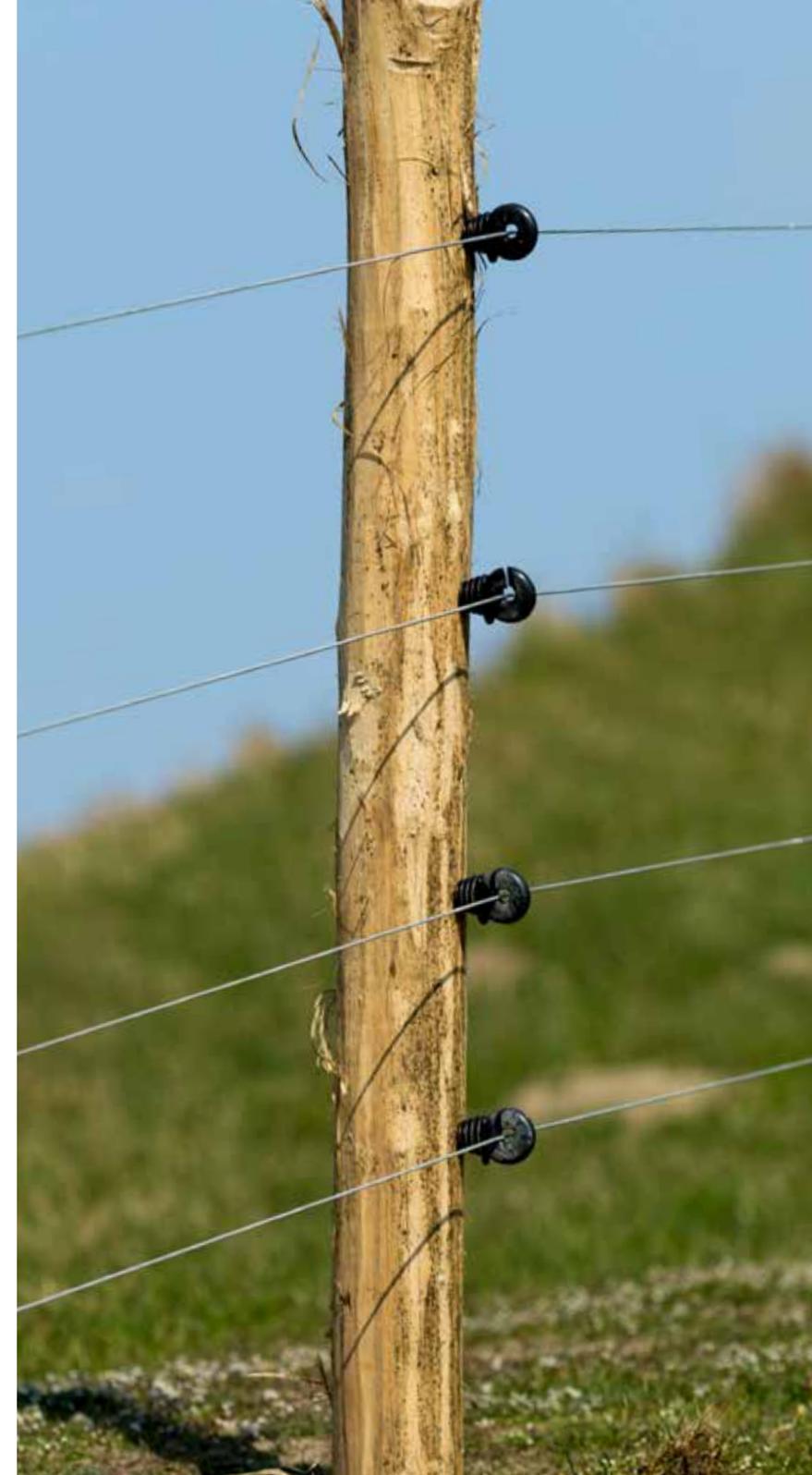
The posts are an essential part of any electric fence, they hold the electric fence wires and together define the entire electric fence area. The correct choice and positioning of the post ensure the stability of the entire fence. We offer several types of quality posts, rods and plastic posts for electric fencing. **Their selection depends primarily on which animals the fence will be used for, how long the fence will be and which conductors will be used.**

For mobile fences, where the fence location is frequently changed and various adjustments are made, we recommend high-quality plastic posts. We also offer fiberglass rods, steel rods and spare support rods for electric nets.

For fixed and permanent fencing, we recommend choosing stable, long-lasting materials from a range of metal T-posts or recycled plastic posts.



In the corners of the fencing and at the gates we recommend using solid wood stakes or stakes made of recycled plastic, which will increase the strength of the entire electric fence. Stakes are the best choice for permanent solid fencing.



# Plastic posts



5 eyelets  
70 cm  
52 cm

## Post 70 cm

Art.Nr. 8473 – White  
Art.Nr. 8294 – Green

5 eyelets

5× wire 4 mm  
5× tape 20 mm

Height

70 cm

Above ground

52 cm

Spike

∅ 7 mm

Color

White, Green



7 eyelets  
74 cm  
56 cm

## Post 74 cm

Art.Nr. 8062

7 eyelets

7× wire 8 mm  
5× tape 20 mm  
1× tape 40 mm

Height

74 cm

Above ground

56 cm

Spike

∅ 8 mm

Color

Green



6 eyelets  
86 cm  
68 cm

## Post 86 cm

Art.Nr. 8476

6 eyelets

6× wire 4 mm  
6× tape 20 mm

Height

86 cm

Above ground

68 cm

Spike

∅ 8 mm

Color

White

**BESTSELLER**



8 eyelets  
105 cm  
86 cm

## Post 105 cm

Art.Nr. 8003 – White  
Art.Nr. 8471 – Green

8 eyelets

8× wire 4 mm      3× tape 20 mm  
5× wire 8 mm      1× tape 40 mm

Height

105 cm

Above ground

86 cm

Spike

∅ 8 mm

Color

White, black

# Plastic posts



**Post 105 cm**  
Art.Nr. 8292

9 eyelets

9× wire 4 mm  
2× wire 8 mm  
7× tape 20 mm  
2× tape 40 mm

Height

105 cm

Above ground

86 cm

Spike

∅ 8 mm

Color

White



**Post 105 cm**  
Art.Nr. 8293

8 eyelets

various conductors

Height

105 cm

Above ground

86 cm

Spike

∅ 8 mm

Color

Orange



**Post 105 cm**  
Art.Nr. 8470

10 eyelets

10× wire 8 mm  
5× tape 20 mm  
5× tape 40 mm

Height

105 cm

Above ground

88 cm

Spike

∅ 8 mm

Color

Green



**Post 115 cm**  
Art.Nr. 8517

10 eyelets

various conductors

Height

115 cm

Above ground

96 cm

Spike

∅ 8 mm

Color

White



**Post 125 cm**  
Art.Nr. 8472

9 eyelets

9× wire 4 mm  
6× wire 8 mm  
9× tape 10 mm  
3× tape 40 mm

Height

125 cm

Above ground

105 cm

Spike

∅ 8 mm

Color

White



**Post 150 cm**  
Art.Nr. 8516

14 eyelets

various conductors

Height

150 cm

Above ground

132 cm

Spike

∅ 8 mm

Color

Green

# Plastic posts

**BESTSELLER**



## Post 105 cm

Art.Nr. 8004 – White  
Art.Nr. 8515 – Black

11 eyelets

11× wire 4 mm      4× tape 20 mm  
7× wire 8 mm      3× tape 40 mm  
11× tape 10 mm

Height

**156 cm**

Above ground

**136 cm**

Spike

∅ 8 mm

Color

**White, black**



## Post 156 cm

Art.Nr. 8474 – Blue  
Art.Nr. 8514 – Pink

11 eyelets

11× wire 4 mm      7× tape 20 mm  
4× wire 8 mm      4× tape 40 mm

Height

**156 cm**

Above ground

**135 cm**

Spike

∅ 8 mm

Color

**Blue, pink**



## Post 157 cm

Art.Nr. 8475 – White  
Art.Nr. 8521 – Green

12 eyelets

12× wire and rope 8 mm      4× tape 40 mm  
8× tape 20 mm

Height

**157 cm**

Above ground

**138 cm**

Spike

∅ 8 mm

Color

**White, green**

# Fibreglass posts

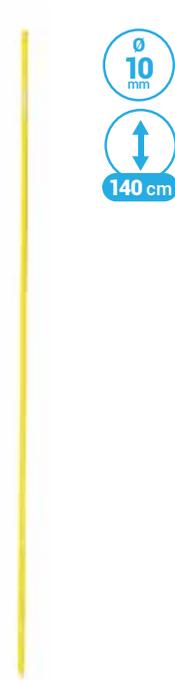


**Post 110 cm**  
Art.Nr. 8128

Height  
**110 cm**

Diameter  
**ø 10 mm**

Color  
**Yellow**

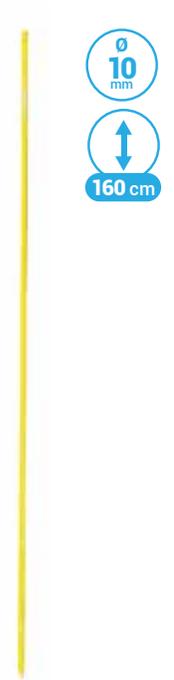


**Post 140 cm**  
Art.Nr. 8442

Height  
**140 cm**

Diameter  
**ø 10 mm**

Color  
**Yellow**



**Post 160 cm**  
Art.Nr. 8129

Height  
**160 cm**

Diameter  
**ø 10 mm**

Color  
**Yellow**

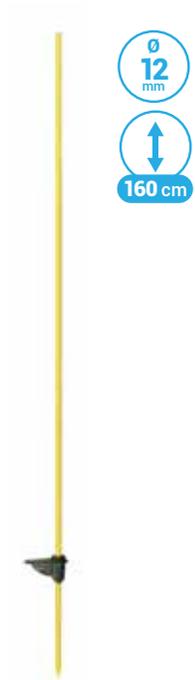


**Post 120 cm**  
Art.Nr. 8502

Height  
**120 cm**

Diameter  
**ø 12 mm**

Color  
**Yellow**



**Post 160 cm**  
Art.Nr. 8557

Height  
**160 cm**

Diameter  
**ø 12 mm**

Color  
**Yellow**



**Post 110 cm**  
Art.Nr. 8271

3 eyelets

3× wire 6 mm  
3× tape 20 mm

Height  
**110 cm**

Above ground  
**92 cm**

Diameter  
**ø 10 mm - Oval**

Color  
**Yellow**

## Fibreglass posts



### Post 110 cm

Art.Nr. 8424

4 eyelets

4× wire 6 mm  
4× tape 50 mm

Height

**110 cm**

Above ground

**92 cm**

Diameter

**∅ 10 mm - Oval**

Color

**Yellow**



### Post 160 cm

Art.Nr. 8556

3 eyelets

3× wire 6 mm  
3× tape 20 mm

Height

**160 cm**

Above ground

**135 cm**

Diameter

**∅ 10 mm - Oval**

Color

**Yellow**

## Steel posts



### Post 105 cm

Art.Nr. 8132

1 eyelet

1× rope 7 mm

Height

**105 cm**

Above ground

**85 cm**

Diameter

**∅ 10 mm**

Color

**Red-yellow**



### Post 120 cm

Art.Nr. 8295

1 eyelet

1× wire, rope, cable

Height

**120 cm**

Above ground

**103 cm**

Diameter

**∅ 7 mm**

Color

**White**



### Post 120 cm

Art.Nr. 8387

Insulators

**With M6 thread**

Height

**120 cm**

Above ground

**90 cm**

Material

**Galvanized steel**



### Post 167 cm

Art.Nr. 8388

Insulators

**With M6 thread**

Height

**167 cm**

Above ground

**138 cm**

Material

**Galvanized steel**

# Metal U-posts for netting



## U-post 80 cm

Art.Nr. 8284

Height	80 cm
Above ground	50 cm
Color	Green
Material	Steel



## U-post 107 cm

Art.Nr. 8393

Height	107 cm
Above ground	76 cm
Color	Green
Material	Steel



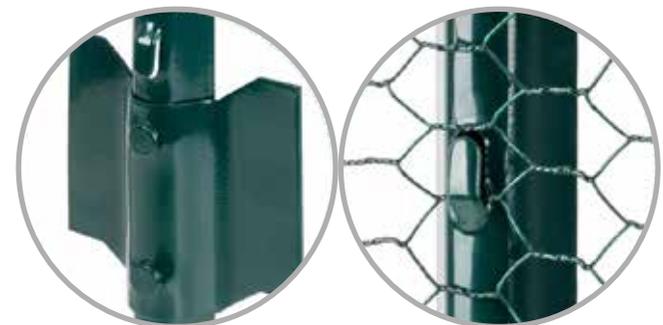
## U-post 137 cm

Art.Nr. 8394

Height	137 cm
Above ground	106 cm
Color	Green
Material	Steel

Metal U-post with universal use not only for electric fences. It can be used for example to protect gardens, flower beds or trees. Suitable for use with mesh.

- Easy, quick assembly and stable stand
- Fixing hooks for easy fixing of the mesh
- Pre-drilled holes



# Recycled plastic posts



## Post 150 cm

Art.Nr. 8126

Weight

**2 kg**

Height

**150 cm**

Diameter

**ø 45 mm**

Color

**Grey**



## Post 175 cm

Art.Nr. 8127

Weight

**2 kg**

Height

**175 cm**

Diameter

**ø 60 mm**

Color

**Grey**

The advantage of plastic posts is a very long lifetime without the need for maintenance. They are resistant to moisture, mould and fungi. They allow very good workmanship, withstanding screwing, drilling, cutting or nailing.

- Exceptional durability in soft and waterlogged soil
- High resistance to moisture and rot
- Round shape with a point on one side



When installing the stake, it is necessary to pre-drill a hole in the ground and then insert the stake.

To install the insulator with a AKU screwdriver, it is better to pre-drill the stake with a smaller diameter drill bit first.



# Steel T-posts



## T-post 152 cm

Art.Nr. 8273

Insulator

Every 55 mm

Height

**152 cm**

Above ground

**112 cm**

Color

**Green**



## T-post 167 cm

Art.Nr. 8274

Insulator

Every 55 mm

Height

**167 cm**

Above ground

**120 cm**

Color

**Green**



## T-post 182 cm

Art.Nr. 8275

Insulator

Every 55 mm

Height

**182 cm**

Above ground

**135 cm**

Color

**Green**

## BESTSELLER

Robust, easily adjustable and very strong steel T-posts suitable for both long-term use in electric fencing and for temporary fencing of pastures. Ideal for cows and horses.

Anchoring spike every 55 mm for the possibility of placing wires at different heights. Surface treatment for long term weather protection. Thanks to the steel anchoring foot with an anchoring depth of 40 cm below the ground, the posts have very good stability.



When installing a T-post fence, we recommend hammering the posts with a hand hammer.  
**Art.Nr. 8258**



# T-posts accessories



## Diagonal reinforcing sleeve for T-posts – 2 pcs

**Art.Nr. 8384**

Used to stabilize the fence T-posts. Robust design suitable for high loads.

### Package contents:

- 2× 60° clamp
- 2× bracket, straight
- 4× screw, M10
- 2× stop nut, M10



## Corner set for T-posts

**Art.Nr. 8385**

Set to stabilize the corners of the electric fence with T-posts. Robust hot-dip galvanized design. For high loads.

### Package contents:

- 4× 60° sleeve
- 2× bracket, straight
- 1× corner bracket
- 7× screw, M10
- 4× stop nut, M10



## Corner reinforcement kit for T-posts

**Art.Nr. 8383**

Set for stabilising/supporting the beginning and end of the electric fence with T-posts. Diagonal support. Fixed anchoring with ground anchor.

### Package contents:

- 1× support strut, zinc plated, 155cm
- 1× round clamp with flange
- 1× anchor, zinc plated, 50cm
- 2× set of screws, M10



# T-posts accessories



## Plastic insulator for T-posts – 10 pcs

Art.Nr. 8268

Secure wire fixing. Quick and easy installation, no tools required.

For wires up to Ø 8 mm, steel wires or tape up to 10 mm.



## Plastic insulator for T-posts – 10 pcs

Art.Nr. 8269

Quick and easy installation, no tools required. High quality UV resistant plastic.

Suitable for fence tapes up to 40 mm.



## Distance insulator for T-post – 25 pcs

Art.Nr. 8381

Simple fixing to the fence T-post with clip system. Length 12,5 cm.

For wire, steel wire, rope up to Ø 8 mm or tape up to 10 mm.



## Distance insulator for T-post – 10 pcs

Art.Nr. 8418

Easy attachment to the T-post by means of a clip system. Length 12,5 cm.

For wire, steel wire, rope up to Ø 8 mm or tape up to 10 mm.



## Cap insulator for T-post – 10 pcs

Art.Nr. 8286

Insulator for insertion on the T-post head.

For all fence wires – wire, tape, rope and cable.



## Gate insulator for T-posts – 2 pcs

Art.Nr. 8277

Gate insulator suitable for attachment to fence T-posts. Practical adapter with M6 thread.

Suitable for all fence gates with hooks.

Package contents:  
2× gate insulator  
4× nuts

## T-posts accessories



### Gate insulator for T-post – 2 pcs

Art.Nr. 8382

End insulator for T-posts with 3 connection options. Suitable for gates.

For wire, polyropes, polywire and polytape up to 10 mm.



### T-post fence extractor

Art.Nr. 8270

Pulling rod on the principle of a lever for pulling out fence T-posts.

Lever length: 80 cm

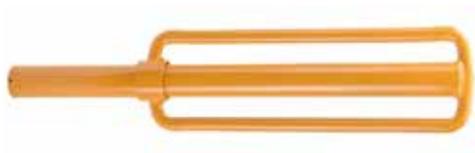
## U-posts



### Holder for attaching reel to steel UNI post

Art.Nr. 8389

Used for quick attachment of the reel by hanging it on the steel UNI post for electric fence.



### Post Driver for T-Posts

Art.Nr. 8258

Hand-held fence post hammer suitable mainly for hammering T-posts.

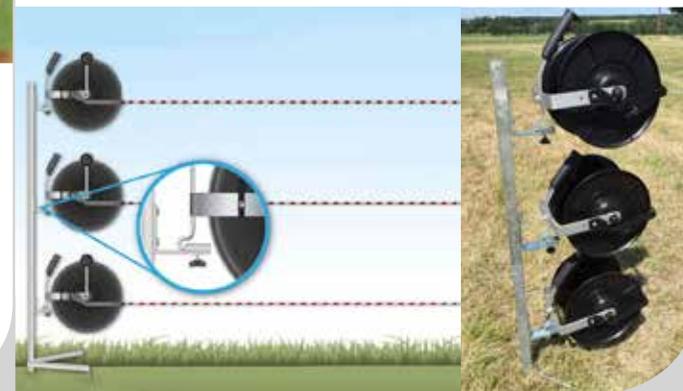
Length: 81 cm  
Inner diameter: Ø 52 mm



### Clamp for T-posts for insulators with M6 screw – 2 pcs

Art.Nr. 8278

Clamp for fence steel T-posts for fixing insulators and accessories with M6 metric thread or 6 mm hole diameter.



# Gates



## Gate set with spring – 5 m

Art.Nr. 8025

Complete gate set for safe entry into fence system.

Package contents:

- 1× handle with spring up to 5 m
- 2× gate insulator



## Gate set with elastic rope – 3,2–6,2 m

Art.Nr. 8052

Complete gate set for safe entry into fence system.

Package contents:

- 1× handle with elastic rope
- 2× gate insulator
- 1× circular insulator



## Gate set with elastic rope – 10 m

Art.Nr. 8443

Complete gate set for safe entry into the fence with elastic conductive rope.

Package contents:

- 1× handle with elastic rope
- 1× gate insulators
- 1× circular insulator



## Handle with spring – 5 m

Art.Nr. 8458

Entrance handle with integrated spring for entrances and gates to electric fences up to 5 m wide.

Spring diameter: Ø 20 mm



## Self-closing entrance gate with rope

Art.Nr. 8250

Practical, simple and safe solution for the entrance to the electric fence. When opening/closing, the conductive rope of the electric fence automatically coils.

Rope diameter: Ø 6 mm  
Rope length: 5 m



## Self-closing entrance gate with tape

Art.Nr. 8251

Practical, simple and safe solution for the entrance to the electric fence. When opening/closing, the conductive rope of the electric fence automatically coils.

Tape width: 40 mm  
Rope length: 5 m

# Gates



**Gate handle with tape connector 20 mm – black**  
Art.Nr. 8560

UV-resistant plastic, stainless steel hook and fastener for tape up to 20 mm wide.



**Gate handle with tape connector 40 mm – black**  
Art.Nr. 8438

UV-resistant plastic, stainless steel hook and fastener for tape up to 40 mm wide.

**BESTSELLER**



**Gate handle – black**  
Art.Nr. 8053

UV resistant plastic, stainless steel hook and eye.



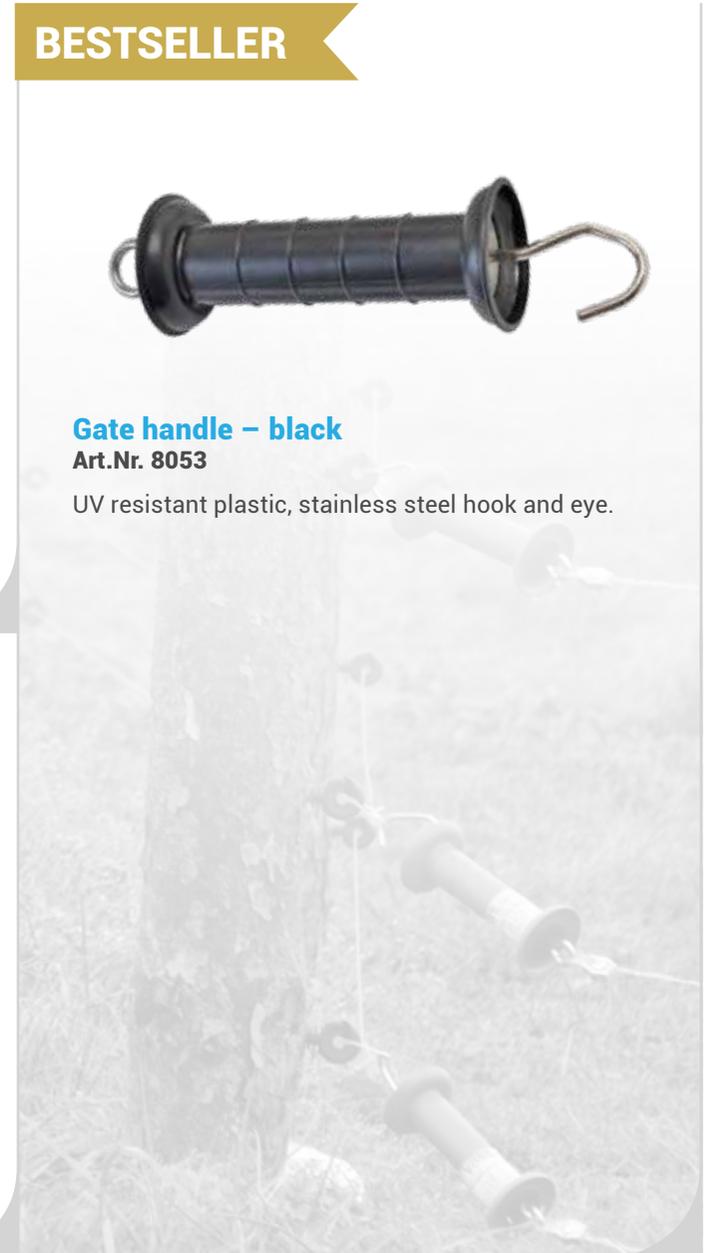
**End cap for eye creation – 2 pcs**  
Art.Nr. 8285

Reduces the risk of breaking the conductor material.  
For connectors, ropes and cables up to 7 mm diameter.



**Insulated No-Kick handle**  
Art.Nr. 8500

The fully insulated handle is used to hold the wires securely. Applicable to wire, polyrope, polywire and tape.



# Gates



**Gate handle – red**

**Art.Nr. 8176**

UV resistant plastic, stainless steel hook and eye.



**Gate handle – orange**

**Art.Nr. 8623**

UV resistant plastic, stainless steel hook and eye.



**Gate handle – blue**

**Art.Nr. 8624**

UV resistant plastic, stainless steel hook and eye.



**Gate handle – pink**

**Art.Nr. 8625**

UV resistant plastic, stainless steel hook and eye.



**Gate handle – green**

**Art.Nr. 8626**

UV resistant plastic, stainless steel hook and eye.



**Gate handle – yellow**

**Art.Nr. 8457**

UV resistant plastic, stainless steel hook and eye.

# Gates



## Spring for fence gate – 5 m

Art.Nr. 8267

Replacement tension spring for electric fence gate.

Length: 5 cm

Inner diameter: Ø 45 mm



## Replacement rubber elastic rope

Art.Nr. 8300

For replacing old or damaged rubber at fence entrances.

Length: 1 m

Diameter: Ø 7 mm

Conductor: stainless steel 3 × 0,15 mm



## Replacement rubber elastic rope

Art.Nr. 8276

For replacing old or damaged rubber at fence gates.

Length: 50 m

Diameter: Ø 7 mm

Conductor: stainless steel 3 × 0,15 mm

## Kit for gate electrification

Art.Nr. 8448

Kit for electrification of standard metal gate for electric fence. It will allow the wire to be routed around the electric fence gate.

Package contents:

6× socket with M6 thread

6× circular insulator, metric thread M6

1× connection cable 0.5 m (high voltage insulation)

14 m of fence rope Ø 6 mm

1× tape connector

2× rope connector



# Gate insulators



**Gate insulator – 3 eyelets**  
Art.Nr. 8105

Use when dividing pastures into smaller paddocks.



**Tape insulator for gate**  
Art.Nr. 8116

Used to connect the fence handle and polytape up to 40 mm.



**Gate insulator – 3 eyelets**  
Art.Nr. 8545

Suitable for all gates with hooks.



**Gate insulator – 2 eyelets – 4 pcs**  
Art.Nr. 8546

Suitable for all gates with hooks.



**Gate insulator**  
Art.Nr. 8051

Suitable for all gates with hooks. 2 fixed eyes, rotatable through 360°.



**Gate insulator M6**  
Art.Nr. 8122

Fence insulator to the gate. Metric thread M6. Suitable for mounting on metal posts.

# Testers



8 kV

**Boundary Blade**  
Art.Nr. 8339

Practical tester for easy and quick check of the voltage in the electric fence. Thanks to its very small dimensions, the Boundry Blade fits comfortably in your pocket.

Weigth	80 g
Voltage	8 kv
Dimension	11 × 4 × 2 cm



12 kV

**Diode tester with earthing**  
Art.Nr. 8076

Quality diode tester for an electric fence with earthing. With 8 diodes for measuring voltage 2–12 kV. Quick and easy control of the fence.

Weigth	120 g
Voltage	12 kv
Dimension	150 cm



12 kV

**Digital tester with earthing**  
Art.Nr. 8024

Highly accurate digital electric fence tester with earthing and easy-to-read large display. Indicates voltage continuously from 0 to 12 kV.

Weigth	230 g
Voltage	12 kv
Dimension	110 cm

# Earthing and high voltage cables

The earthing of the electric fence is one of the key processes on which the overall function of the device depends. It is therefore recommended to pay special attention to it.

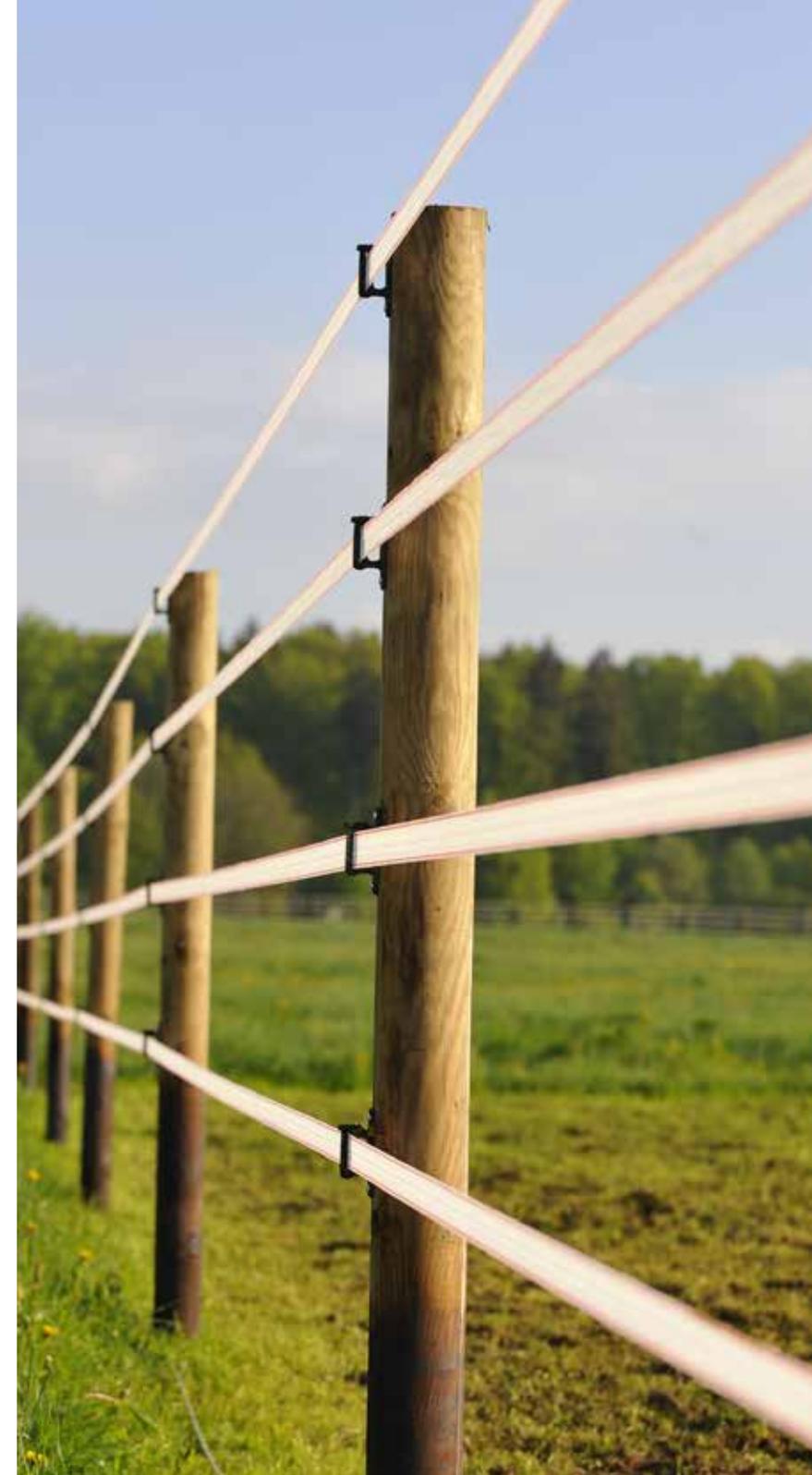
An important step is the choice of the site in which you install the grounding rod with corrosion protection. **When selecting the site, remember the rule that the wetter the habitat, the higher the conductivity.** Sandy or rocky soil is therefore not recommended.

The ground rods must be driven at least 1 m deep. The only exceptions are battery-powered or low-power fences. For such power supplies, the depth of the earthing must be at least 0,5 m. Depending on the needs of the specific energizer or if the fence is not working properly, we recommend installing more ground rods. This also applies to dry land with lower electrical conductivity. Place the additional rods at a distance of approx. 3 m from each other. Remember that the ground rods must not be rusty – rust insulates.

Also ensure that there is a minimum distance of 10 m between the fence ground rod and another earthing system (e.g. house earthing, power supply protective earthing or intruder alarm earthing).



Never connect the energizer to other existing grounding systems or to the grounding system of another energizer. Each energizer must have its own grounding.



# High voltage cables



## High voltage steel cable – 1,6 mm

Suitable for underground and overhead lines up to 100 m. The cable can be used as a supply and as an earthing.

- Voltage up to 20 kV
- Resistance: 0,09  $\Omega$ /m
- Core:  $\varnothing$  1,6 mm
- Double insulated

Length	Art.Nr.
<b>1 m</b>	<b>8020</b>
<b>10 m</b>	<b>8289</b>
<b>20 m</b>	<b>8290</b>
<b>30 m</b>	<b>8291</b>
<b>100 m</b>	<b>8301</b>



## High voltage steel cable – 2,5 mm

Suitable for underground and overhead lines up to 100 m. The cable can be used as a supply and as an earthing.

- Voltage up to 20 kV
- Resistance: 0,035  $\Omega$ /m
- Core:  $\varnothing$  2,5 mm
- Double insulated

Length	Art.Nr.
<b>1 m</b>	<b>8508</b>
<b>100 m</b>	<b>8507</b>



## High voltage copper cable – 1 mm

Suitable for underground and overhead lines. The cable can be used as a feeder and as an earthing cable.

- Voltage up to 20 kV
- Resistance: 0,02  $\Omega$ /m
- Core:  $\varnothing$  1 mm

Length	Art.Nr.
<b>1 m</b>	<b>8303</b>

# Earthing rods



**Earthing rod, round – 75 cm**  
Art.Nr. 8002

For grounding the electric fence energizer.  
Length: 75 cm



**Earthing rod, profile – 100 cm**  
Art.Nr. 8001

For earthing the electric fence energizer.  
Length: 100 cm



**Earthing cable, black – 150 cm**  
Art.Nr. 8022

Cable (eyelet to eyelet) for earthing the electric fence energizer.

Eyelets: M8 – Ø 8,5 mm



**Earthing cable, black – 300 cm**  
Art.Nr. 8397

Cable (eyelet to eyelet) for earthing the electric fence energizer.

Eyelets: M8 – Ø 8,5 mm

# Lightning arresters and switches



**Plastic lightning arrester**  
Art.Nr. 8038

- Energizer protection against lightning and overvoltage
- Simply conducts the surge to ground
- Easy installation

**BESTSELLER**



**Metal lightning arrester**  
Art.Nr. 8039

- Energizer protection against lightning and overvoltage
- Simply conducts the surge to ground
- Easy installation
- Anodized design



**Metal lightning arrester, flat**  
Art.Nr. 8281

- Energizer protection against lightning and overvoltage
- Simply conducts the surge to ground
- Easy installation
- Anodized design



**Plastic fence switch**  
Art.Nr. 8040

Practical fence switch/switch, independent of the energizer.

- 4 switching options with excellent isolation



**ON/OFF switch for electric fence**  
Art.Nr. 8441

Lever switch for electric fencing that simply attaches to the existing electric fence. Allows quick and safe disconnection of necessary parts of the fence.



**Signal light**  
Art.Nr. 8283

Signal light for optical control of voltage in the electric fence.

# Insulators

Insulators separate the conductor material from the post and prevent unwanted leakage into the ground. There are insulators for every application, specially designed for each conductor material or different types of posts.

Insulators are an important part of a well-functioning electric fence. In our range you will find different types of insulators, the choice of which depends on the use of the conductor. You can also choose insulators for electric fences according to the application or the fixing.

In the case of a through-gate solution on the fence, you will appreciate circular insulators for the gate with hooks with the possibility of hanging the gate handle on them. When using wires as fence wires, we recommend installing turnbuckles and springs in the corners.



When dealing with **pest control such as marten or otter**, you'll appreciate **Plus-Minus wire insulators** with the ability to pull wires close together, as well as insulators to secure your gutters and all access routes to your home.

We recommend using a screwdriver bit when installing ring insulators.

**Art.Nr. 8041**



# Ring insulators for polywires and ropes



**Ring insulator up to 12 mm – 25 pcs**

**Art.Nr. 8049**

- Fixed thread  $\varnothing$  6 mm
- Metal core



**Square insulator up to 12 mm – 25 pcs**

**Art.Nr. 8434**

- Fixed thread  $\varnothing$  6 mm



**Universal insulator for wire up to 9 mm, tape up to 20 mm – 10 pcs**

**Art.Nr. 8430**

- Fixed thread  $\varnothing$  6 mm
- High UV resistance



**Ring insulator up to 12 mm – 100 pcs -  
ECONOMY**

**Art.Nr. 8543**

- Fixed thread  $\varnothing$  6 mm



**Insulator with curved screw for wire up to 6 mm, tape up to 20 mm – 10 pcs**

**Art.Nr. 8261**

- Fixed thread  $\varnothing$  6 mm



**Slot insulator up to 6 mm – 25 pcs**

**Art.Nr. 8415**

- Screw length: 25 mm

# Ring insulators for polywires and ropes



**Ring insulator 10 cm for conductors up to 12 mm – 10 pcs**

**Art.Nr. 8440**

- Long screw 10 cm
- Fixed thread  $\varnothing$  6 mm



**Ring insulator 15 cm for conductors up to 12 mm – 10 pcs**

**Art.Nr. 8549**

- Long screw 15 cm
- Fixed thread  $\varnothing$  6 mm



**Ring insulator 22 cm for conductors up to 12 mm – 10 pcs**

**Art.Nr. 8060**

- Long screw 22 cm
- Fixed thread  $\varnothing$  6 mm



**Pigtail insulator for conductors up to 7 mm – 5 pcs**

**Art.Nr. 8264**

- Long screw 25 cm



**Pigtail insulator for conductors up to 7 mm – 5 pcs**

**Art.Nr. 8555**

- Long screw 40 cm



**Ring insulator 23 cm for conductor up to 12 mm – 10 pcs**

**Art.Nr. 8550**

- Long screw 23 cm
- Fixed thread  $\varnothing$  6 mm

# Ring insulators for polywires and ropes



**Insulator 20 cm for wires up to 6 mm or tapes up to 20 mm – 10 pcs**  
**Art.Nr. 8439**

- Long screw 20 cm
- Fixed thread  $\varnothing$  6 mm



**Insulator 22 cm for wires up to 6 mm or tapes up to 20 mm – 10 pcs**  
**Art.Nr. 8548**

- Long screw 22 cm
- Fixed thread  $\varnothing$  6 mm



**Insulator for ropes up to 7 mm – 10 pcs**  
**Art.Nr. 8544**

- Fixed thread  $\varnothing$  6 mm



**Universal insulator 23 cm for wires up to 9 mm or tape up to 20 mm – 10 pcs**  
**Art.Nr. 8547**

- Long screw 23 cm
- Fixed thread  $\varnothing$  6 mm



**Insulator for wire up to 3 mm – 10 pcs**  
**Art.Nr. 8117**

- Fixing with nail or screw



**Insulator for wire up to 8 mm – 10 pcs**  
**Art.Nr. 8124**

- Fixing with nail or screw

# Insulators for tapes



**Insulator for tape up to 40 mm, wire and rope – 25 pcs**

**Art.Nr. 8050**

- Fixed thread  $\varnothing$  6 mm



**Insulator for tape up to 40 mm, wire up to 6 mm – 10 pcs**

**Art.Nr. 8121**

- Fixed thread  $\varnothing$  6 mm
- Long screw 20 cm



**Corner insulator for tape up to 40 mm – 10 pcs**

**Art.Nr. 8115**

- Fixing with nail or screw



**Flat insulator for tape up to 40 mm – 10 pcs**

**Art.Nr. 8118**

- Fixing with nail or screw



**Flat insulator for tape up to 60 mm – 10 pcs**

**Art.Nr. 8262**

- Fixing with nail or screw



**Flat insulator for tape up to 60 mm – 10 pcs**

**Art.Nr. 8263**

- Fixing with nail or screw
- Stainless steel screw  $\varnothing$  10 mm



**Corner tension insulator for tape up to 40 mm  
– 10 pcs**

**Art.Nr. 8299**

- Fixing with nail or screw



**Tension insulator for tape up to 40 mm – 4 pcs**

**Art.Nr. 8416**

- Fixing with two screws



**BESTSELLER**



**Polytape 40 mm**

**Art.Nr. 8484**

Conductor

**Stainless 8 × 0,15 mm**

Resistance

**5,60 Ω/m**

Strenght

**160 kg**

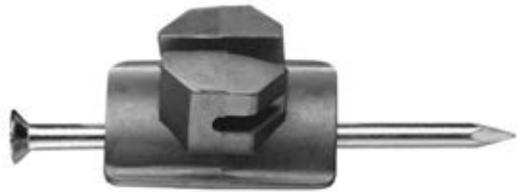
Length

**200 m**

Color

**White**

## Insulators with nail



**Insulator with nail 70 mm, for wires – 25 pcs**  
Art.Nr. 8120

It is used as a continuous insulator for electric fencing.  
• Length: 7 cm

## Pre-set fence insulators



**Pre-set fence insulator**  
Art.Nr. 8505

Suitable for wire, wire rope, rope up to  $\varnothing$  8 mm, tape up to 12,5 mm.  
• For fences with 3–7 cm wire spacing



**Insulator with staple – 25 pcs**  
Art.Nr. 8417

• For fence wire or wire rope up to  $\varnothing$  3 mm



**Fence insulator with pest protection**  
Art.Nr. 8506

Ideal for Plus-Minus style electric fence wiring, so-called without earthing.  
• Length of the arm: 40 cm



# Corner and gate insulators



**Corner ring insulator for wire and rope up to 8 mm and tape up to 10 mm – 4 pcs**

**Art.Nr. 8113**

- Thread length 30 mm



**Corner flat insulator for tape up to 40 mm – 2 pcs**

**Art.Nr. 8114**

- Fixed thread  $\varnothing$  7 mm
- Thread length 30 cm



**Corner tension insulator for tape up to 40 mm – 10 pcs**

**Art.Nr. 8299**

- Fixing with nail or screw



**Corner insulator for tape up to 60 mm – 10 pcs**

**Art.Nr. 8263**

- Fixing with nail or screw



**Corner insulator for tape up to 40 mm – 4 pcs**

**Art.Nr. 8419**

- Stable fixing with 3 screws



**Tension insulator for tape up to 40 mm – 4 pcs**

**Art.Nr. 8416**

- Fixing with two screws

# Corner and gate insulators



**Tape insulator for gate – 4 pcs**  
Art.Nr. 8116

- For tape up to 40 mm



**Plastic corner tensioner up to 6 mm – 4 pcs**  
Art.Nr. 8119

- For conductors up to 6 mm
- Length 6 cm



**Gate insulator**  
Art.Nr. 8051

Suitable for all gates with hooks.  
2 fixed eyes, rotatable through 360°.



**Gate insulator M6**  
Art.Nr. 8122

Fence insulator to the gate. Metric thread M6.  
Suitable for mounting on metal posts.



**Gate insulator – 2 eyelets – 4 pcs**  
Art.Nr. 8546

Suitable for all gates with hooks.



**Corner insulator for ropes up to 8 mm – 4 pcs**  
Art.Nr. 8551

The rope corner insulator guarantees even tensioning  
of the wire.

# Insulators with metric thread



M6

**Corner insulator for wire and rope up to 8 mm and tape up to 10 mm – 4 pcs**

**Art.Nr. 8180**

- Insulator with M6 thread and 2 nuts



M6

**Ring insulator for conductors up to 12 mm – 25 pcs**

**Art.Nr. 8059**

- Fixed thread  $\varnothing$  6 mm
- Insulator with M6 thread and 2 nuts



M6

**Universal insulator for polywires and tapes – 10 pcs**

**Art.Nr. 8429**

- Polywires up to 10 mm, polytapes up to 20 mm
- Galvanised 5 cm long M6 thread
- Insulator with M6 thread and 2 nuts



M6

**Ring insulator 9,7 cm – 10 pcs**

**Art.Nr. 8111**

- 9,7 cm long M6 thread – galvanised



M6

**Ring insulator 20 cm – 10 pcs**

**Art.Nr. 8178**

- Suitable for polywires, ropes and polytapes up to 10 mm
- 20 cm long M6 metric thread



M6

**Ring insulator 22 cm – 10 pcs**

**Art.Nr. 8177**

- For conductors up to 12 mm
- 22 cm long M6 metric thread

# Insulators with metric thread



M6

**Flat insulator for wires up to 6 mm or tapes up to 40 mm – 25 pcs**

**Art.Nr. 8112**

- Thread length: 35 mm
- Universal insulator with M6 metric thread



M6

**Flat insulator for pre-set electric fence – 10 pcs**

**Art.Nr. 8179**

- 20 cm long screw



**Slip-on insulator for additional wire for M6 metric insulators – 10 pcs**

**Art.Nr. 8249**



M6

**Gate insulator – 25 pcs**

**Art.Nr. 8122**

- Thread length: 30 mm



**Reducer from M6 to M8**

**Art.Nr. 8288**



**Clamp for posts 35 – 70 mm**

**Art.Nr. 8106**

- For posts  $\varnothing$  35–70 mm
- Fixed thread M6
- Made of stainless steel

# Insulators with metric thread



## Ring insulator 22 cm – 10 pcs

Art.Nr. 8622

- For conductors up to 12 mm
- 22 cm long M6 metric thread



## Clamp for posts 40 – 70 mm

Art.Nr. 8621

- For posts  $\varnothing$  40–70 mm
- With reducer M8 to M6
- Made of stainless steel



# Positive-Negative pests insulators



## Insulator for gutter against the marten

ø 87–92 mm Art.Nr. 8027  
ø 102–106 mm Art.Nr. 8028

- Specially designed for so-called PLUS-MINUS wire leading



2  
eyelets

## Insulator for fence against marten, 2 eyelets

Art.Nr. 8029

- Specially designed for so-called PLUS-MINUS wire leading
- For the 2 wire leading



4  
eyelets

## Insulator for fence against marten, 4 eyelets

Art.Nr. 8030

- Specially designed for so-called PLUS-MINUS wire leading
- For the 4 wire leading



4  
eyelets

## Insulator for fence against marten, 4 eyelets

Art.Nr. 8108

- Specially designed for so-called PLUS-MINUS wire leading
- For the 4 wire leading
- For polywires up to 3 mm



8  
eyelets

## Insulator for fence against marten, 8 eyelets

Art.Nr. 8107

- Specially designed for so-called PLUS-MINUS wire leading
- For the 8 wire leading
- For polywires up to 3 mm



7  
eyelets

M6

## Insulator for fence against marten, 7 eyelets

Art.Nr. 8171

- Specially designed for so-called PLUS-MINUS wire leading
- For the 7 wire leading
- For polywires up to 3 mm

# Insulators for posts



**Ring insulator for wires up to 12 mm – 10 pcs**  
Art.Nr. 8061

- For post with a diameter of  $\varnothing$  6–17 mm
- Easy adjustment of the wire height



**Screw-on insulator for rope up to 12 mm – 10 pcs**  
Art.Nr. 8449

- For post with a diameter of  $\varnothing$  10–12 mm
- Easy adjustment of the wire height



**Flat screw insulator for tapes up to 40 mm or wires up to 6 mm – 10 pcs**  
Art.Nr. 8123

- For post with a diameter of  $\varnothing$  6–17 mm
- Strong thread – secure fit



**Mesh insulator for wire, rope up to 6 mm and tape up to 10 mm – 25 pcs**  
Art.Nr. 8152

- For post with a diameter of  $\varnothing$  10 mm
- Non-slip grip



**Mesh insulator for wire, rope up to 6 mm and tape up to 40 mm – 25 pcs**  
Art.Nr. 8133

- For post with a diameter of  $\varnothing$  10 mm
- Non-slip grip



**Circular insulator with handle for metal post – 10 pcs**  
Art.Nr. 8414

- Quick click on metal post

# Insulators for posts



**Insulator for fibreglass rods, rope up to 6 mm and tape up to 20 mm – 25 pcs**

**Art.Nr. 8461**

- For rods with  $\varnothing$  10 mm
- Holds great on the rod



**Footplates insulators for fibreglass posts – 25 pcs**

**Art.Nr. 8460**

- Can be adjusted as required



OVAL

**Top insulator for oval posts – 10 pcs**

**Art.Nr. 8266**

- For oval rods  $\varnothing$  10 mm



**Top bumping insulator for rods – 10 pcs**

**Art.Nr. 8265**

- For oval rods  $\varnothing$  10 mm



**Round insulator for angled metal posts – 25 pcs**

**Art.Nr. 8504**

- For ropes and tapes up to 10 mm
- Suitable for angled steel posts with wall thickness up to 3 mm



OVAL

**Insulator for tapes up to 50 mm – 10 pcs**

**Art.Nr. 8523**

- For oval fibreglass posts



OVAL

**Insulator for wires up to 6 mm – 10 pcs**  
Art.Nr. 8522

- For oval fiberglass posts



# Solar solutions

Photovoltaic solar panels are used to recharge the 12 V battery of the electric fence. According to the power and consumption of the power supply, we recommend to choose the adequate power of the solar panel. This is to ensure that the battery can be recharged even on less sunny days.

Never connect the solar panel directly to the power supply or battery – always use a regulator to avoid destroying the device. We offer 2 types of regulators for solar panels for electric fencing. The 10 A regulator is for panels with 40, 100 and 200 W. The 15 A regulator with a higher charging current is for solar panels with 200 and 400 W (two panels in series).

We recommend mounting the panels using special mounting brackets on our safety or portable battery and power supply boxes or on sturdy brackets – ground screws for solar panels.



**Solar panel 30 W** – Suitable for fence battery DUO BD / BDX.

**Solar panel 40 W** – Suitable for power supplies with output power up to 3 J.

**Solar panel 100 W** – Suitable for sources with an output power of 4–7 J.

**Solar panel 200 W** – Suitable for sources with output power above 7 J.



# Solar panels



## Solar panel 30 W

Art.Nr. 8535

Dimension

**540 × 350 × 30 mm**

Max. voltage

**19,28 V**

Max. current

**1,56 A**

The 30 W panel suitable for fence power supplies **fencee battery DUO BD** and **BDX**.

- Anti-corrosion treatment
- Durable tempered glass
- High transparency



## Solar panel 40 W

Art.Nr. 8145

Dimension

**460 × 540 × 30 mm**

Max. voltage

**18,7 V**

Max. current

**2,14 A**

The 40 W solar panel is suitable for energizers with an output power of up to 3 J.

- Anti-corrosion treatment
- Durable tempered glass
- High transparency



## Solar panel 100 W

Art.Nr. 8146

Dimension

**450 × 1160 × 30 mm**

Max. voltage

**22,4 V**

Max. current

**4,46 A**

The 100 W solar panel is suitable for energizers with an output power of 4–7 J.

- Anti-corrosion treatment
- Durable tempered glass
- High transparency



## Solar panel 200 W

Art.Nr. 8525

Dimension

**1100 × 890 × 30 mm**

Max. voltage

**18,15 V**

Max. current

**11,02 A**

The 200 W solar panel is suitable for energizers with an output power of over 7 J.

- Anti-corrosion treatment
- Durable tempered glass
- High transparency

# Boxes for energizers



FOR ANY  
ELECTRIC FENCE  
ENERGIZER

## Universal transport box Art.Nr. 8524

Dimension  
**37,5 × 35 × 37,5 cm**

Material  
**steel sheet, galvanized**



## Transport box fencee Art.Nr. 8528

Dimension  
**37,5 × 35 × 37,5 cm**

Material  
**steel sheet, galvanized**

Box ready for installation of the fencee energizer.

- Package contents:
- Portable box
  - DIN rail 200 mm
  - 10 A regulator
  - Interconnecting cables



FOR ANY  
ELECTRIC FENCE  
ENERGIZER

## Universal security box Art.Nr. 8526

Dimension  
**37 × 37 × 34,5 cm**

Material  
**steel sheet, galvanized**

- Package contents:
- 1× Safety box
  - 1× Mounting bracket
  - 1× Connecting cables
  - 2× Insulated wrench



## Security box fencee Art.Nr. 8527

Dimension  
**37 × 37 × 34,5 cm**

Material  
**steel sheet, galvanized**

- Package contents:
- Safety box
  - Mounting bracket
  - Connecting cables
  - DIN rail 200 mm
  - 10 A regulator
  - Insulated wrench

# Mounting brackets



40  
W

**Bracket for mounting solar panel 40 W to security box**  
Art.Nr. 8184



40  
W

**Bracket for mounting solar panel 40 W to transport box**  
Art.Nr. 8163



40  
W

**Bracket for mounting solar panel 40 W to ground screw holder**  
Art.Nr. 8185



100  
W

**Bracket for mounting solar panel 100 W to security box or ground screw holder**  
Art.Nr. 8186



100  
W

**Bracket for mounting solar panel 100 W to transport box**  
Art.Nr. 8164



200  
W

**Bracket for mounting solar panel 200 W on security box or ground screw holder**  
Art.Nr. 8529

# Accessories for solar solutions



**Regulator 10 A for fencee solar panels 40, 100, 200 W**  
**Art.Nr. 8143**

- IP67 protection
- Suitable for charging 44–95 Ah batteries



**Regulator 15 A for fencee solar panels 200, 400 W**  
**Art.Nr. 8144**

- IP67 protection
- Suitable for charging 70–140 Ah batteries



**Ground screw holder for solar panel**  
**Art.Nr. 8183**

- Dimension: 100×900 mm
- Material: steel



**Battery for electric fence 12 V**  
**Art.Nr. 8148**

- Capacity: 44 Ah



**Battery for electric fence 12 V**  
**Art.Nr. 8149**

- Capacity: 95 Ah



**Extension cable set for solar panels**  
**Art.Nr. 8245**

- MC4 connectors
- Cable length: 2 m

# Accessories for energizers and smart devices



## Spare antenna for fencee RF energizers

Art.Nr. 6107

- For fencee power DUO RF PDX and energy DUO RF EDX energizers
- For central control devices FENCE WiFi GATEWAY GW100 and control Monitor MX10



## Antenna for WiFi energizer

Art.Nr. 8313

- For fencee Wi-Fi energizers energy Smart DUO EDW



## External antenna for RF devices

Art.Nr. 8056 / 8057

- External antenna with 2/10 m cable
- For signal improvement



## CR2 3V battery

Art.Nr. 1015

- For remote control for fencee power DUO RF PDX and energy DUO RF EDX energizers



## Backup battery pack

Art.Nr. 220

- For FENCE WiFi GATEWAY GW100



## Magnet with cord

Art.Nr. 8065

- Used to turn the MX10 Monitor on and off

# Accessories for energizers and smart devices



**Remote controller DUO**  
Art.Nr. 2299

- Range up to 10 km
- Clear backlit display



**Remote controller energy**  
Art.Nr. 2399

- Range up to 10 km
- Clear backlit display



**DIN rail, 80 mm**  
Art.Nr. 8043

- Suitable for energizers fencee mini M, mini DUO MD



**DIN rail, 200 mm**  
Art.Nr. 8044

- Suitable for power P, power energy PE, power DUO PD, power DUO RF PDX, energy DUO ED, energy DUO RF EDX, energy Smart DUO EDW, energy Cellular DUO EDC



# Adapters



**Adapter 14 V / 1 A – 150 cm**

**Art.Nr. 8046**

- For powering solar DUO SD, solar DUO RF SDX, mini DUO MD, power DUO PD, power DUO RF PDX, battery DUO BD, battery DUO RF BDX



**Adapter 14 V / 2 A – cm**

**Art.Nr. 8068**

- For powering energy DUO ED, energy DUO RF EDX, energy Smart DUO EDW, energy DUO Cellular EDC



**Battery cable – 170 cm**

**Art.Nr. 8064**

- For energizers fencee energy DUO ED, energy DUO RF EDX, energy Smart DUO EDW, energy DUO Cellular EDC



**Battery cable – cm**

**Art.Nr. 8045**

- For energizers fencee mini DUO MD, fencee power DUO PD a power DUO RF PDX



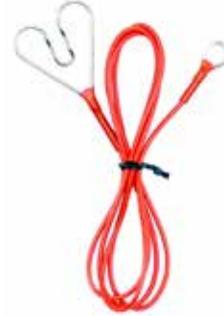
# Interconnecting and connecting cables



## Earthing cable – black

Art.Nr. 8022

- Cable length: 150 cm
- End eyes size: M8 – Ø 8,5 mm



## Connecting cable – red

Art.Nr. 8021

- Cable length: 100 cm
- Eyelet size: M8 – Ø 8,5 mm



## Earthing cable – black

Art.Nr. 8066 / 8398

- Cable length: 150 / 300 cm
- Eyelet size: M8 – Ø 8,5 mm
- FASTON connector



## Earthing cable – black

Art.Nr. 8397

- Cable length: 300 cm
- End eyes size: M8 – Ø 8,5 mm



## Connection cable – red

Art.Nr. 8395

- Cable length: 300 cm
- Eyelet size: M8 – Ø 8,5 mm



## Connection cable to Monitor MX10 – red

Art.Nr. 8067 / 8396

- Cable length: 100 / 300 cm
- FASTON connector

# Interconnecting and connecting cables



**Connecting cable – red**

**Art.Nr. 8042**

- Cable length: 60 cm
- Ends: heart-to-heart



**Connecting cable – red**

**Art.Nr. 8099**

- Cable length: 130 cm
- With connector for fence tape up to 40 mm
- Eyelet size: M8 – Ø 8,5 mm



**Connecting cable tape-tape**

**Art.Nr. 8432**

- Cable length: 80 cm
- With connectors for fence tape up to 40 mm



**Connecting red cable with crocodile clip – red**

**Art.Nr. 8297**

- For connecting battery or combined sources to the fence
- Stainless steel clamps
- Cable length: 100 cm



**Propojovací kabel s krokosvorkou – black**

**Art.Nr. 8298**

- For connecting battery or combined sources to the fence
- Stainless steel clamps
- Cable length: 100 cm



**Connecting red cable with 2 crocodile clips**

**Art.Nr. 8433**

- For wire and rope up to Ø 6 mm or tape up to 20 mm
- Stainless steel clamps
- Cable length: 100 cm

# Accessories



**Warning sign fencee**  
Art.Nr. 8026



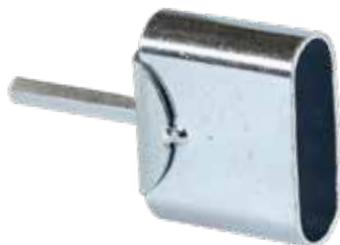
**Work gloves**  
Art.Nr. 8069

- Sizes: M, L, XL



**Pad under the car**  
Art.Nr. 8037

- Against marten and other pests
- Size: 115 × 99 cm



**Screw-on insulator attachment**  
Art.Nr. 8431

- Material: metal
- Suitable for drilling machines



**Universal screwdriver bit**  
Art.Nr. 8261

- For mounting different types of insulators
- 6 anti-rotation versions



**Screws 4,5 × 40 mm – 100 pcs**  
Art.Nr. 8140

- Galvanized
- For attachment to wooden and recycled posts

# Phototraps



## Dogtrace d-guard mini

Art.Nr. 810

- Power: 4 pcs AA 1,5V
- Dimension: 105 × 85 × 60 mm



20 Mpx

Photo resolution



1080 px

Video resolution



LCD 2"

Display

10

LED IR

Number of diodes



90°

Viewing angle



LED 940nm

IR diodes



## Dogtrace d-guard 940

Art.Nr. 811

- Power: 4/8 pcs AA 1,5V
- Dimension: 135 × 95 × 55 mm



20 Mpx

Photo resolution



1080 px

Video resolution



LCD 2"

Display

42

LED IR

Number of diodes



80°

Viewing angle



LED 940nm

IR diodes



## Memory card micro SD 32 GB

Art.Nr. 813



# Farm supplies



## Plastic bowl waterer

Art.Nr. 8426

- Suitable for cattle, horses and foals
- Stainless steel tongue and copper valve



## Plastic tongue waterer

Art.Nr. 8427

- Suitable for horses and calves
- Plastic tongue and stainless steel valve



## Drinking water bowl with pipe valve

Art.Nr. 8559

- Suitable for cattle, horses and foals
- Stainless steel tongue and copper valve



## Trough feeder for poultry

Art.Nr. 8428

- Dimensions: 51 × 20 × 21 cm
- Capacity of the feeder: 8 litres (approx. 5 kg of feed)



## Universal oil Ballistol

Maintains and cares for household equipment in the DIY workshop or garden.

Capacity	Art.Nr.
50 ml	503
200 ml	504
400 ml	508
500 ml	502



# Farm supplies and netting



## Knotted net 125 cm

Art.Nr. 8450

Height	125 cm
Length	50 m
Number of wires	13
Eyelets	Upper 15 × 15 cm Other 10 × 15 cm
Material	Galvanized steel



## Knotted net 125 cm

Art.Nr. 8451

Height	160 cm
Length	50 m
Number of wires	12
Eyelets	4 upper 20 × 30 cm 2 middle 15 × 30 cm Other 10 × 30 cm
Material	Galvanized steel



## Galvanized farmer's staples 2,2 × 25 mm

Art.Nr. 8390

- Galvanised staples for fixing the mesh
- Packing 100 g – approx. 70 pcs



## Galvanized farmer's staples 3,1 × 31 mm

Art.Nr. 8392

- Galvanised staples for fixing the mesh
- Packing 1 kg – approx. 290 pcs

# Automatic chicken coop door

The automatic closing and opening of the coop is a practical feature that will save you a lot of time and trouble. The advantage of the chicken coop door is that you can leave the house without worrying and the poultry will always be locked in the safety of the coop at the right time, even in your absence, and thus protected from predators. The automatic coop door is equipped with a light sensor and a timer that you set to suit your needs. A combination of both modes can also be used.

## Optional modes

 **Timer** – opens/closes the door at the time you set.

 **Sensor** – opens/closes the door according to the ambient light (brightness).

 **Sensor + timer** – when any mode reaches the set value, the door will open/close automatically.

 **Anti-pinch function** – prevents your animals from getting trapped when the door closes automatically.

 **Battery status** – see the battery status on the clear display.

 **Protection** of poultry and eggs from fox, marten, weasel, predators and vipers.



# Automatic chicken coop door



## Automatic chicken coop door, 230 V adapter

Art.Nr. 8226

The power supply is provided by a 230 V adapter.

### Package contents:

- 1× Automatic door
- 1× Instructions for assembly
- 1× 230 V adapter with USB power cable
- 6× Screws



## Automatic chicken coop door, AA battery operated

Art.Nr. 8225

Power is supplied by 2 pcs AA batteries.

### Package contents:

- 1× Automatic door
- 1× Instructions for assembly
- 2× AA batteries
- 6× Screws



## Automatic chicken coop door, 230 V adapter + solar panel

Art.Nr. 8227

The power supply is provided by a 230 V adapter + a small solar panel.

### Package contents:

- 1× Automatic door
- 1× Instructions for assembly
- 1× 230 V adapter with USB power cable
- 1× Solar panel with 180 cm cable
- 6× Screws



## 2 W solar panel for automatic chicken coop door

Art.Nr. 8228

Solar panel for automatic chicken coop door opener. Power output 2 W. Maintenance-free operation of the automatic chicken coop door.

### Package contents:

- 1× 180 cm long power cable
- 1× Solar panel holder
- 1× Connecting material



# Zoo Zlín saves more than 12.000 € per year thanks to the Smart Farm fence Cloud system

READ THE FULL CASE STUDY

ECONOMIES

**-3**  
WORKING  
HOURS EVERY  
DAY

**-11**  
WORKING  
DAYS EVERY  
MONTH

SAVING

**1.051 €** MONTHLY

**12.612 €** PER YEAR



Read the full case study  
about the Smart Farm  
system in Zoo Zlín.

**14**  
MONTHS | RETURN ON  
INVESTMENT



“ The new smart system fence Cloud will allow us to have electric fences under control around the clock and will also make it easier detecting the specific section of failure. A truly unique system in every aspect. ”

Ing. Roman Horský | director of Zoo Zlín 



## Web about Smart Farm fencee Cloud

Find out all about how the Smart Farm System and fencee RF devices work.



[www.fenceefarm.com](http://www.fenceefarm.com)



Go to website

Do you have a question?  
Do you need help  
choosing?



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# Which energizer to choose?

## Use our Matrix.

The matrix can help you to decide, which energizer you need. Just choose the animal and the correct size of your enclosure.

### TIP

If a heavier load than specified is to be expected or if the enclosure conditions are severe, we recommend choosing a more powerful power supply.

<b>Type of animal</b>		<b>Less sensitive</b> dog, cat, rabbit, marten, otter, beaver									
<b>Usual power required (J)</b>		⚡ <b>0,2–1 J</b> ⚡									
<b>Fence length (m)</b>		Fence up to 20 m	Fence up to 100 m			Fence 100 – 300 m			Fence over 300 m		
<b>Height of vegetation</b>		without	low	medium	high	low	medium	high	low	medium	high
<b>Recommended <b>minimum</b> energizer output (J)</b>		0,2	0,3	0,6	1	0,6	1	2	1	2	3–5
<b>Remote management with remote control</b>	<b>YES</b>	PDX10 SDX08 BDX10	PDX10 SDX08 BDX10	PDX10 SDX08 BDX10	PDX10 SDX08 BDX10	PDX10 SDX08 BDX10	PDX10 SDX08 BDX10	PDX20 BDX20	PDX10 SDX08 BDX10	PDX20 BDX20	PDX30 PDX40 PDX50 BDX30 BDX50
<b>Remote management on mobile</b>	<b>YES</b>	+ FENCE Wi-Fi GATEWAY GW100									
<b>Modern combined power supply with multiple functions</b>	<b>YES</b>	MD03 SD03 BD10	MD03 SD03 BD10	MD06 SD05 BD10	MD10 PD10 SD08 BD10	MD06 SD05 BD10	MD10 PD10 SD08 BD10	PD20 BD20	MD10 PD10 SD08 BD10	PD20 BD20	PD30 PD40 PD50 BD30 BD50
<b>Or missing mains electricity</b>	<b>NO</b>	M02	M03	M06	M10 P10	M06	M10 P10	P20	M10 P10	P20	P30 P40 P50

1 ha = 400 m  
10 ha = 1264 m

20 ha = 1789 m  
50 ha = 2826 m

100 ha = 4000 m  
150 ha = 4898 m

200 ha = 5656 m  
500 ha = 8944 m

1000 ha = 12650 m  
1 ha = 10 000 m<sup>2</sup>

Help to calculate and length of fence ›

More sensitive horse, cattle, poultry, heron									Predators and pests – insensitive goat, sheep, wolf, fox, bear, game, wild boar								
⚡ 1–4 J ⚡									⚡ 4–15 J ⚡								
Fence up to 300 m			Fence 300 – 1000 m			Fence over 1000 m			Fence up to 300 m			Fence 300 – 1000 m			Fence over 1000 m		
low	medium	high	low	medium	high	low	medium	high	low	medium	high	low	medium	high	low	medium	high
1	2	3	2	3	4–15	3	4	5–15	4	5	7–15	5	7	7–15	8-15	8–15	8–15
PDX10 SDX08 BDX10	PDX20 BDX20	PDX30 BDX30	PDX20 BDX20	PDX30 BDX30	PDX40 PDX70 BDX50 EDX80 EDX150	PDX30 BDX30	PDX40	PDX50 PDX70 BDX50 EDX80 EDX150	PDX40	PDX50 BDX50	PDX70 EDX80 – EDX150	PDX50 BDX50	PDX70	PDX70 EDX80 – EDX150	EDX80–ED150		
+ FENCE Wi-Fi GATEWAY GW100 Straight to the Cloud: Wi-Fi EDW100–150 LTE EDC60–150									+ FENCE Wi-Fi GATEWAY GW100 Straight to the Cloud: Wi-Fi EDW100–150 LTE EDC60–150								
MD10 PD10 SD08 BD10	PD20 BD20	PD30 BD30	PD20 BD20	PD30 BD30	PD50 PD70 BD50 ED80 – ED150	PD30 BD30	PD40	PD50 PD70 BD50 ED80 – ED150	PD40	PD50 BD50	PD70 ED80 – ED150	PD50 BD50	PD70	PD70 ED80 – ED150	EDX80–EDX150		
M10 P10	P20	P30	P20	P30	P40 P50 ED80 – ED150	P30	P40	P50 PE60 ED80 – ED150	P40	P50 PE60	PE60 ED80 – ED150	P50 PE60	PE60	EDX80 – ED150 PE60	EDX80–EDX150 PE60		







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