

Functions of the fence energizers

All models:

-  **Czech product.**
-  Easy use and comfortable switching thanks to the **ON/OFF button**.
-  Special **ST transformer**, extra high voltage with long term protection.
-  Very **low and efficient** energy consumption.
-  **Smart Control** technology provides **microprocessor controlled** operation and optimum performance.
-  Complies with European Directive **2014/35/EU - 2014/30/EU**

-  **The SafeShock technology ensures maximum safety for your animals** Specially shaped impulse curve.
-  **On-wall installation is very easy.** Practical installation **DIN rail** is one of many accessories available.
-  fencee energizers are **resistant to all climatic conditions** Rain, direct sunlight and frost.
-  Modern **LED diodes** with BrightLight technology offering high luminosity.
-  **3 years warranty.**

power DUO PD models:

-  **Battery management**
Checking and managing the battery status.
-  **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 DUOPD70** | **power DUORF PDX70**

-  **Combined power supply**
Power supply is possible from a 230 V network 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.

power DUO RF PDX models:

-  Transmitter range **up to 10 km**.
-  **Current information** about the fence.
-  **Alarm signalling**

energy DUO ED models:

-  **LCD Display**
Large graphic display with all information about the fence.
-  **EXTREME POWER**
Powerful performance for any fence.
-  **Setting buttons**
Simple and easy to use and setting.

ENERGIZERS FOR ELECTRIC FENCE



Technical parameters



fencee mini M Series Power Supply - 230 V					fencee power P Series Power Supply - 230 V				fencee power DUOPD Series Power Supply - 12 V / 230 V						fencee power DUORF PDX Series Power Supply - 12 V / 230 V						fencee energy DUO ED Series Power Supply - 12 V / 230 V			
																								
	fencee mini M02	fencee mini M03	fencee mini M06	fencee mini M10	fencee power P10	fencee power P20	fencee power P30	fencee power P40	fencee power DUO PD10	fencee power DUO PD20	fencee power DUO PD30	fencee power DUO PD40	fencee power DUO PD50	fencee power DUO PD70	fencee power DUO RF PDX10	fencee power DUO RF PDX20	fencee power DUO RF PDX30	fencee power DUO RF PDX40	fencee power DUO RF PDX50	fencee power DUO RF PDX70	fencee energy DUO ED80	fencee energy DUO ED100	fencee energy DUO ED120	fencee energy DUO ED150
INPUT ENERGY	0,3 J	0,4 J	0,8 J	1,3 J	1,3 J	2,6 J	4 J	6 J	1,4 J	3 J	4,5 J	5,7 J	7,5 J	10 J	1,4 J	3 J	4,5 J	5,7 J	7,5 J	10 J	11 J	13 J	15 J	20 J
OUTPUT ENERGY	0,2 J	0,3 J	0,6 J	1 J	1 J	2 J	3 J	4 J	1 J	2 J	3 J	4 J	5 J	7 J	1 J	2 J	3 J	4 J	5 J	7 J	8 J	10 J	12 J	15 J
OUTPUT VOLTAGE	2500 V	9000 V	9500 V	9000 V	9500 V	10000 V	11500 V	11500 V	9000 V	12000 V	11200 V	10000 V	11000 V	10500 V	9000 V	12000 V	11200 V	10000 V	11000 V	10500 V	10000V	10000V	10500V	10500V
VOUTPUT VOLTAGE 500 Ω	750 V	3000 V	3500 V	4000 V	4000 V	5000 V	6000 V	6400 V	5000 V	6000 V	6400 V	5500 V	6600 V	7500 V	5000 V	6000 V	6400 V	5500 V	6600 V	7500 V	7000V	7000V	7500V	7500V
ON / OFF	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LED ON / OFF					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LED IMPULS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LED LOW BATTERY VOLTAGE									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LED POWER LOWER 50%									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LED ERROR CHECK			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LED IMPULS BARGRAF									✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TIME DELAY														✓							✓	✓	✓	✓
LCD DISPLAY																								
EXTERNAL ANTENNA SMA															✓	✓	✓	✓	✓	✓				
REMOTE CONTROL															✓	✓	✓	✓	✓	✓				
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				
TEOR. MAX CEE	6 km	12 km	21 km	30 km	40 km	70 km	100 km	130 km	35 km	60 km	100 km	120 km	140 km	180 km	35 km	60 km	100 km	120 km	140 km	180 km	230 km	300 km	320 km	350 km
SMALL VEGETATION	2 km	5 km	7 km	9 km	10 km	19 km	29 km	38 km	8 km	15 km	23 km	30 km	40 km	70 km	8 km	15 km	23 km	30 km	40 km	70 km	80 km	90 km	100 km	120 km
MEDIUM VEGETATION	0,5 km	3 km	5 km	6 km	6 km	8 km	10 km	15 km	2 km	3 km	5 km	8 km	10 km	17 km	2 km	3 km	5 km	8 km	10 km	17 km	17 km	22 km	25 km	28 km
TALL VEGETATION	0,1 km	0,5 km	1 km	1,5 km	1,5 km	1,5 km	2 km	3 km	1,5 km	1,5 km	2 km	3 km	4 km	8 km	1,5 km	1,5 km	2 km	3 km	4 km	8 km	8 km	10 km	13 km	16 km
GROUNDING 1 m	1x	1x	1x	1x	1x	2x	2x	2x	1x	2x	2x	3x	3x	3x	1x	2x	2x	3x	3x	3x	4x	5x	5x	6x
EL. FENCING NETWORKS			2x	2x	3x	5x	6x	6x	3x	5x	6x	6x	8x	14x	3x	5x	6x	6x	8x	14x	22x	27x	32x	38x
POWER SUPPLY / CONSUMPTION	230 V / 1 W	230 V / 1 W	230 V / 2 W	230 V / 3 W	230 V / 3 W	230 V / 4 W	230 V / 5 W	230 V / 6 W	12 V / 230 V 40 - 100 mA	12 V / 230 V 40 - 140 mA	12 V / 230 V 80 - 240 mA	12 V / 230 V 80 - 320 mA	12 V / 230 V 100 - 420 mA	12 V / 230 V 300 - 750 mA	12 V / 230 V 40 - 120 mA	12 V / 230 V 40 - 160 mA	12 V / 230 V 80 - 260 mA	12 V / 230 V 140 - 340 mA	12 V / 230 V 100 - 440 mA	12 V / 230 V 300 - 770 mA	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
DIN RAIL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DIAMETER	150 mm				210 mm				210 mm						210 mm						290 mm			
DEPTH	57 mm				66 mm				66 mm						66 mm						108 mm			
WEIGHT	750 g				1000 g				1700 g						1800 g						3650 g			

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