

4

More than
power

fencee **energy DUORF EDX**

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

FENCE UP TO

120 km

POWER

8 - 15 J

POWER SUPPLY

230 V ~ 12 V 



EXTREME
POWER



EARTHING
MEASUREMENT



POWER REGULATION



LCD DISPLAY



REDUCED OUTPUT

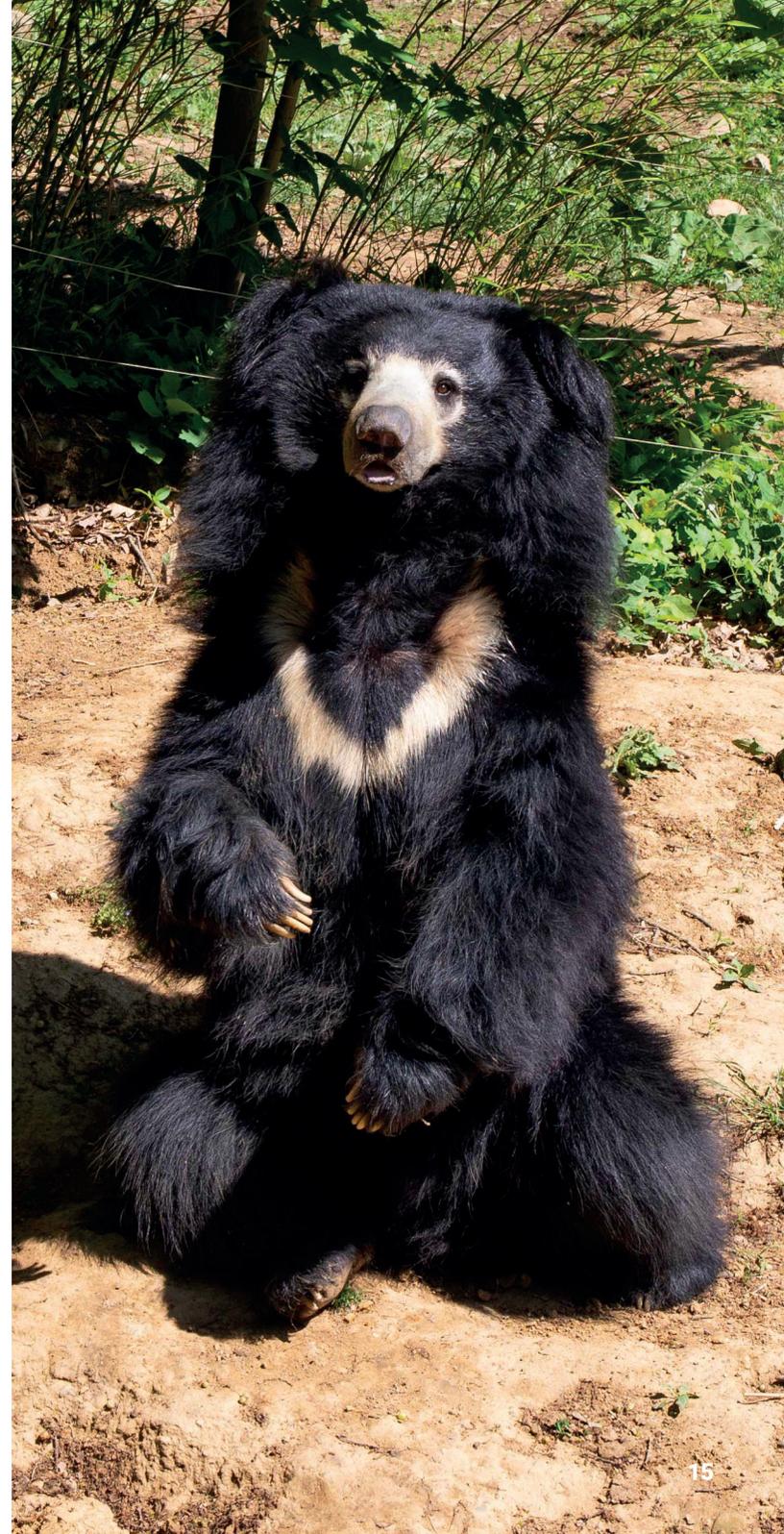


Find out more about
energy DUORF EDX
energizers.

Technical parameters

In the overview chart you can find all the values about the individual energizers of the EDX series.

	energy DUO RF EDX80	energy DUO RF EDX100	energy DUO RF EDX120	energy DUO RF EDX150
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 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	4x	5x	5x	6x
EL. NETS	22x	27x	32x	38x
DIN RAIL	✓	✓	✓	✓
DIAMETER	290 mm			
DEPTH	108 mm			
WEIGHT	3650 g			



fencee energy DUORF 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.



Green 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 %

energy DUORF EDX80

230 km

80 km

17 km

8 km

energy DUORF EDX100

300 km

90 km

22 km

10 km

energy DUORF EDX120

320 km

100 km

25 km

13 km

energy DUORF EDX150

350 km

120 km

28 km

16 km





Remote controller **energy DUO RF EDX Hand**

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

10 km RANGE UP TO

 ERROR MESSAGES

 TURNING ON/OFF

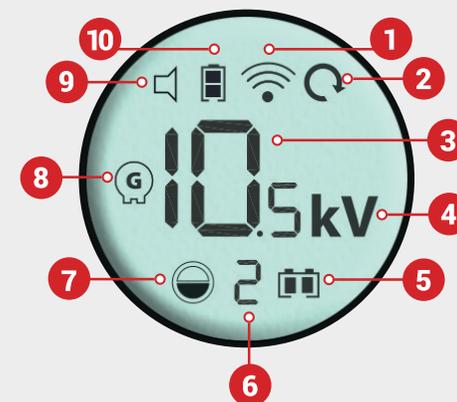
The energizer sends an error warning, that is displayed on the controller

-  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.

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:

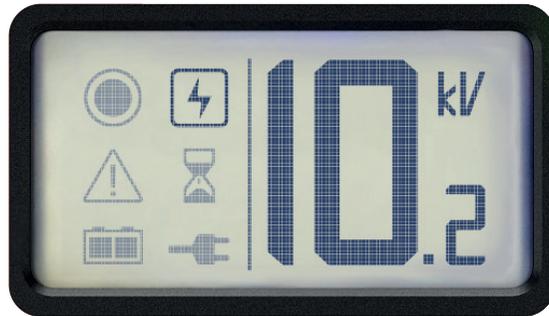


- 1** signal strength
- 2** update mode
- 3** measured value
- 4** measured unit
- 5** energizer battery
- 6** energizer number
- 7** energizer power
- 8** type of device
- 9** sound alarm
- 10** controller battery

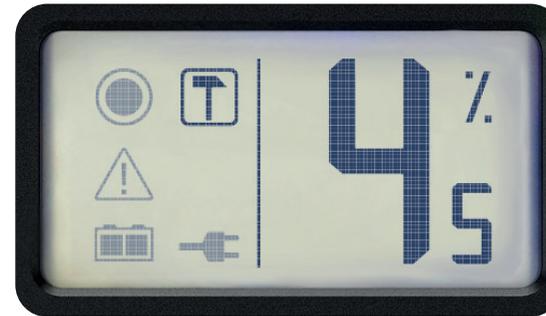
Everything at a glance!

EDX energizers clearly display on a large LCD display:

fence voltage | density of vegetation around the fence | the current signal strength | earthing quality | battery voltage

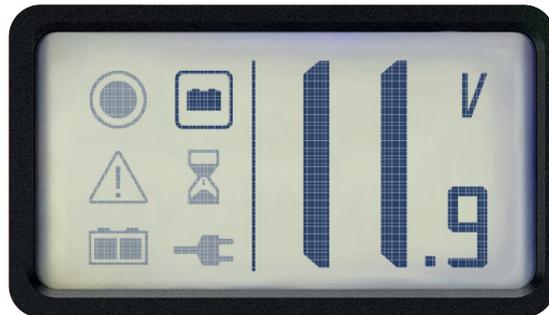


OUTPUT VOLTAGE

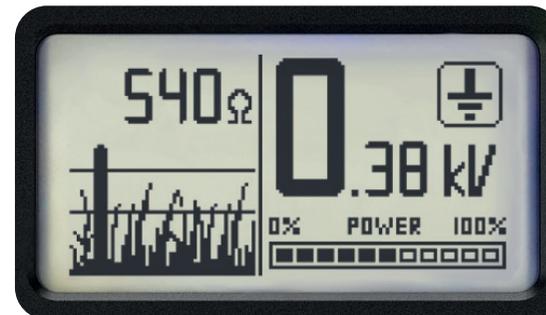


OUTPUT POWER

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.



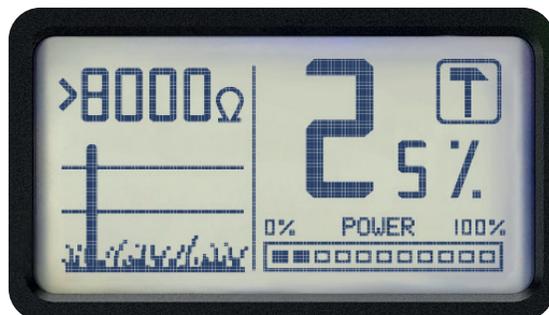
1 Separate connection to the bottom wire where the growth of dense vegetation is expected.



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:

