

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.

	energy DUO Cellular EDC60	energy DUO Cellular EDC80	energy DUO Cellular EDC100	energy DUO Cellular EDC150
POWER SUPPLY	230 V ~ / 5-8 W	230 V ~ / 6-11 W	230 V ~ / 6-14 W	230 V ~ / 6-21 W
CONSUMPTION	12 V ☒ 417-573 mA	12 V ☒ 415-750 mA	12 V ☒ 443-800 mA	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 × 108 mm			
WEIGHT	3301 g			



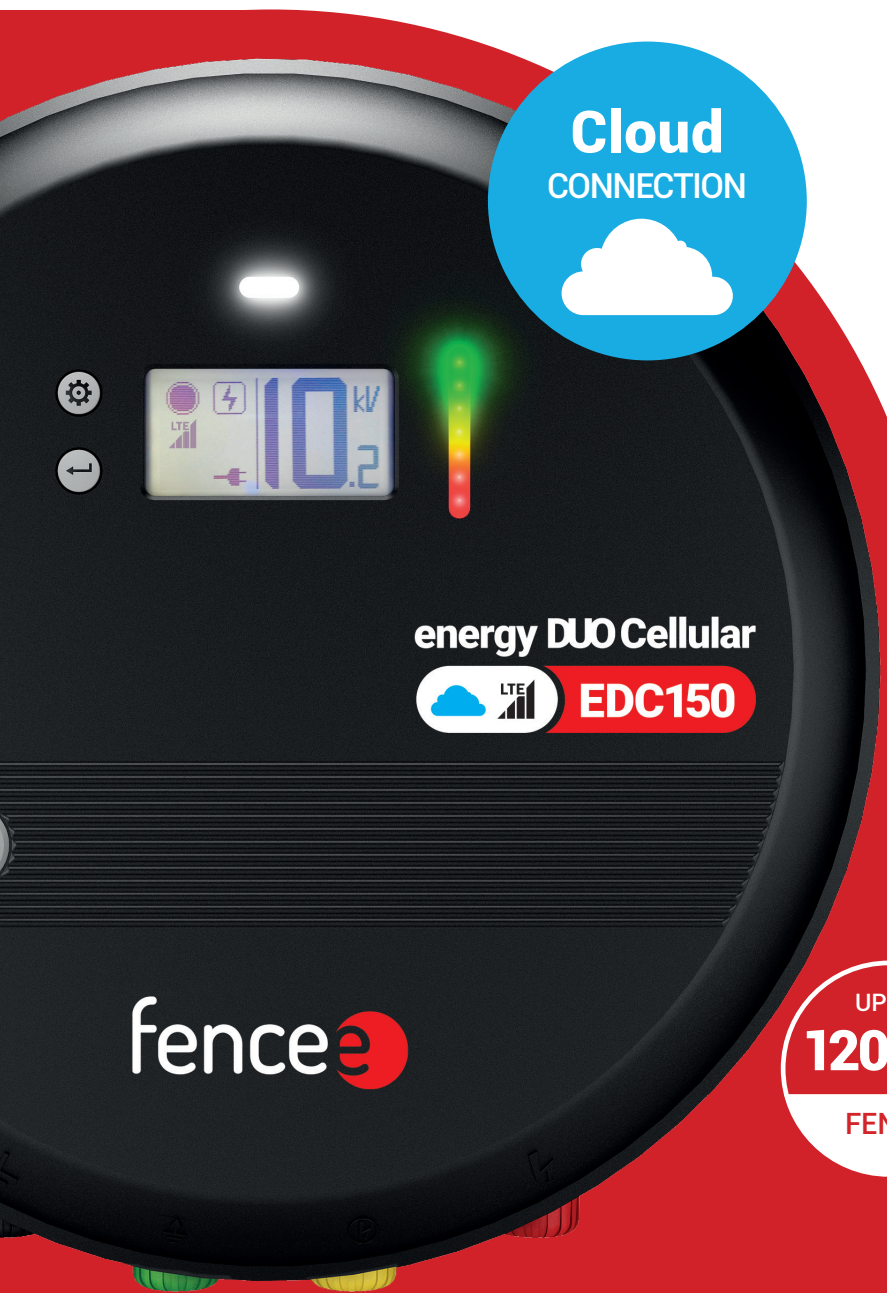
**PHONE
CONTROL**



**E-SIM
TECHNOLOGY**



**LTE
TECHNOLOGY**



Cloud
CONNECTION

energy DUO Cellular



EDC150

AWARD ZLATÝ KLAS

ZLATÝ

Klas

2023

For innovative
contribution
to modern
agriculture.



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

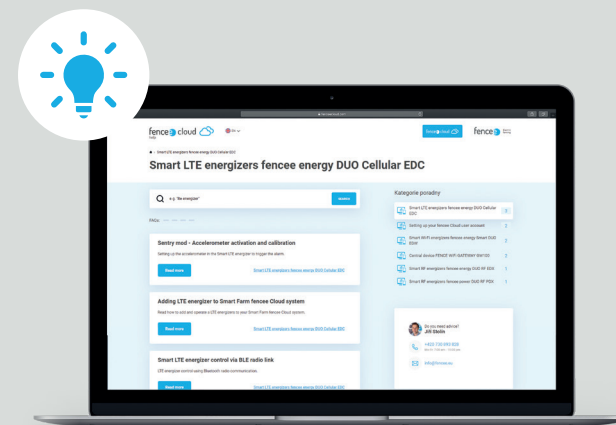
Smart LTE energizers allow direct connection to the fencee Cloud without the need for a central WiFi Gateway.

- 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.

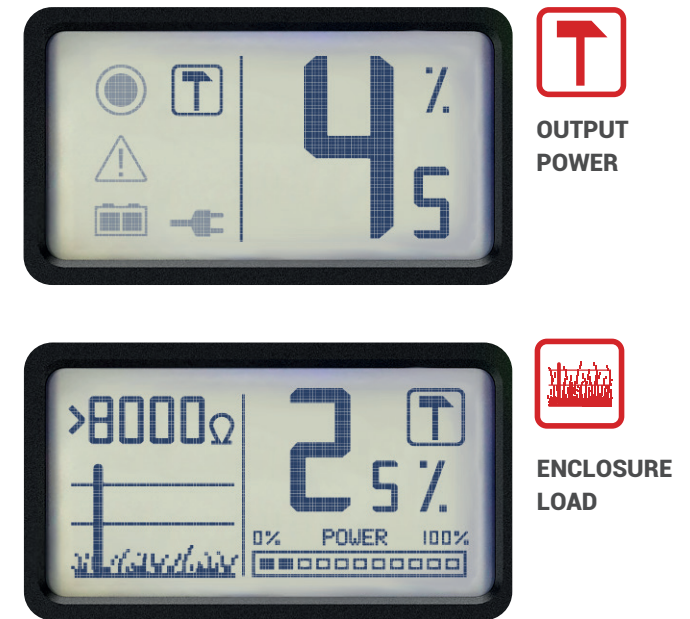
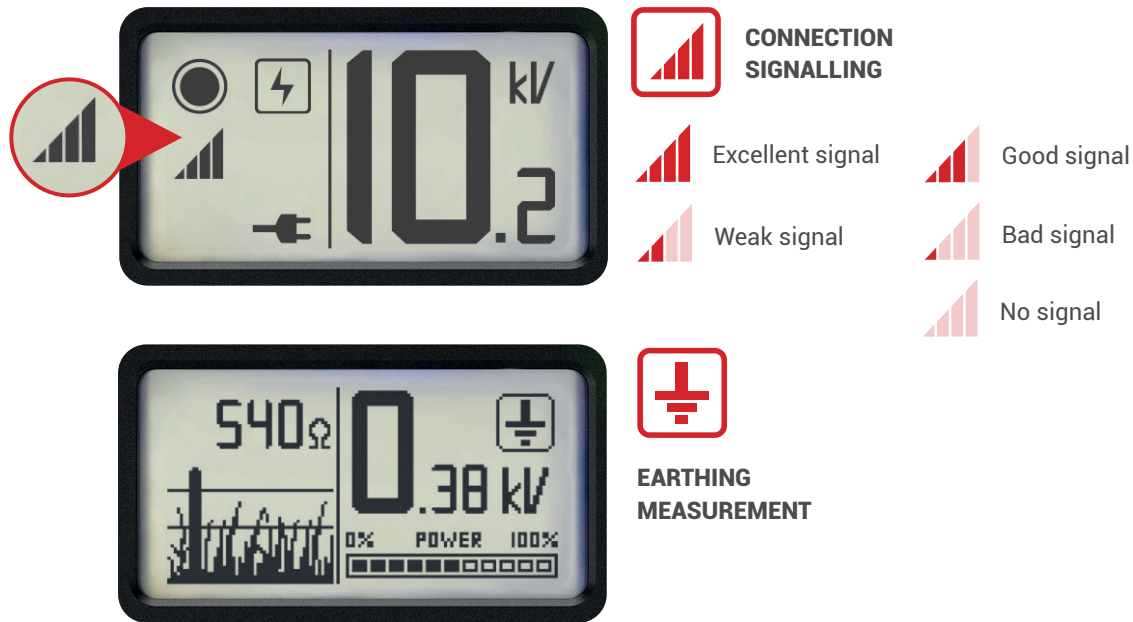


www.help.fencee.eu



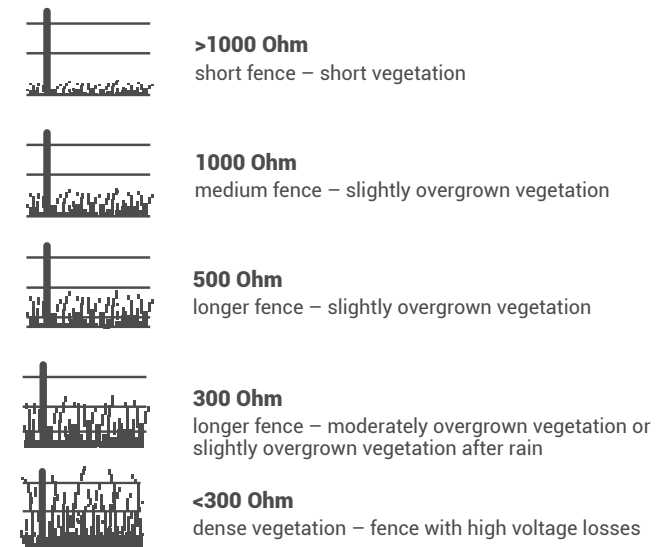
Important information **at a glance**

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



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.



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.



80
km

FENCE
LENGTH

230 V ~
6 – 11 W

POWER SUPPLY
CONSUMPTION

12 V
200 – 750 mA

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.



90
km

FENCE
LENGTH

230 V ~
6 – 14 W

POWER SUPPLY
CONSUMPTION

12 V
200 – 850 mA

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.



120
km

FENCE
LENGTH

230 V ~
6 – 21 W

POWER SUPPLY
CONSUMPTION

12 V
200 – 1250 mA

POWER SUPPLY
CONSUMPTION