




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.

	energy Smart DUO EDW80	energy Smart DUO EDW100	energy Smart DUO EDW150
POWER SUPPLY	230 V ~ / 6–11 W	230 V ~ / 6–14 W	230 V ~ / 6–21 W
CONSUMPTION	12 V  200–750 mA	12 V  200–850 mA	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**



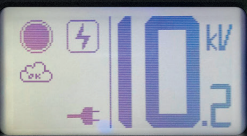
**EARTHING
MEASUREMENT**



**CONNECTION
VIA WI-FI**



Cloud
CONNECTION



energy Smart DUO



EDW



Find out more about
energy Smart DUO EDW
energizers

UP TO
120 km
FENCE

JOULE
8–15
POWER

230 V ~
12 V 
POWER
SUPPLY

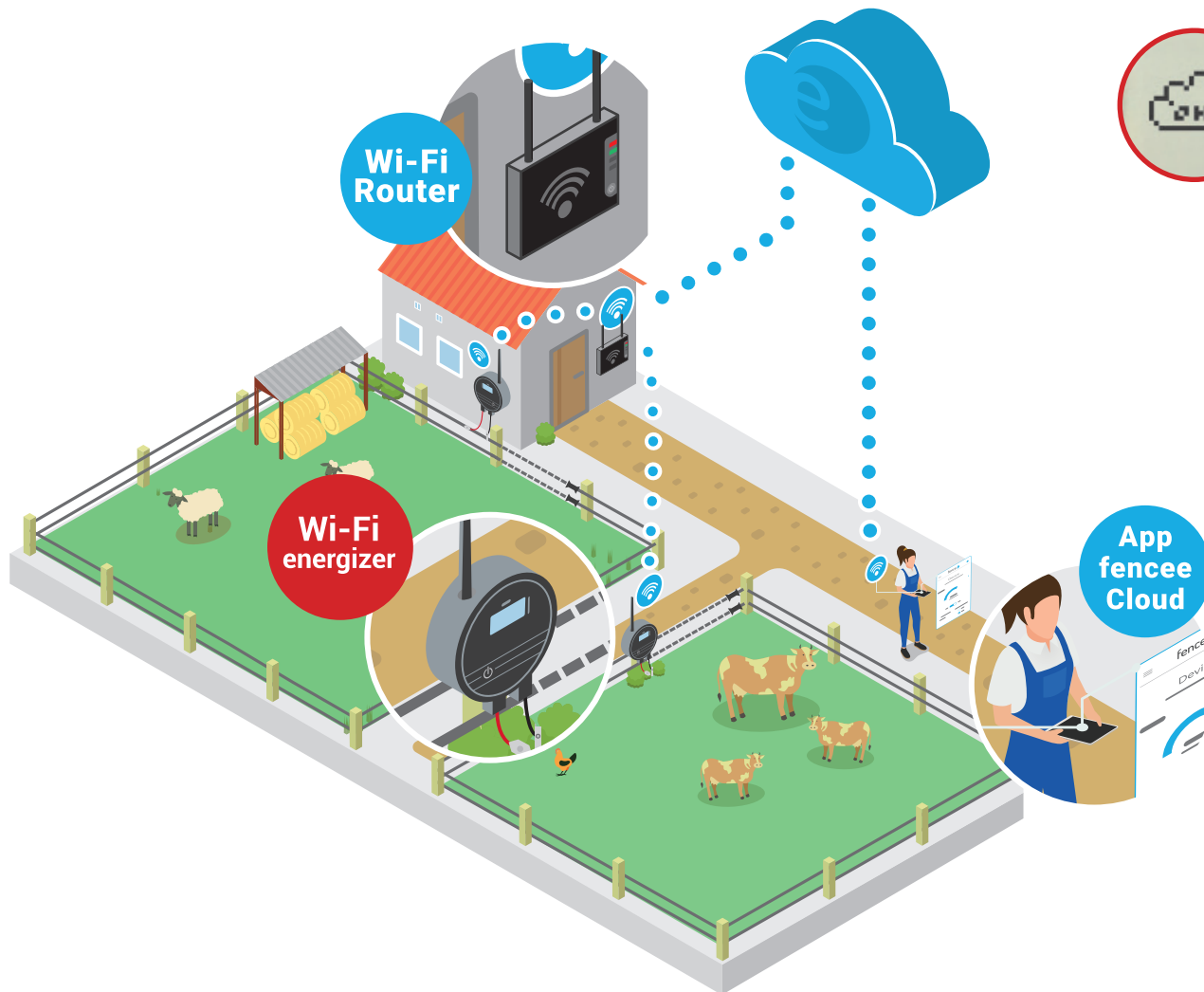
ence**e**



Direct connection to a Wi-Fi network

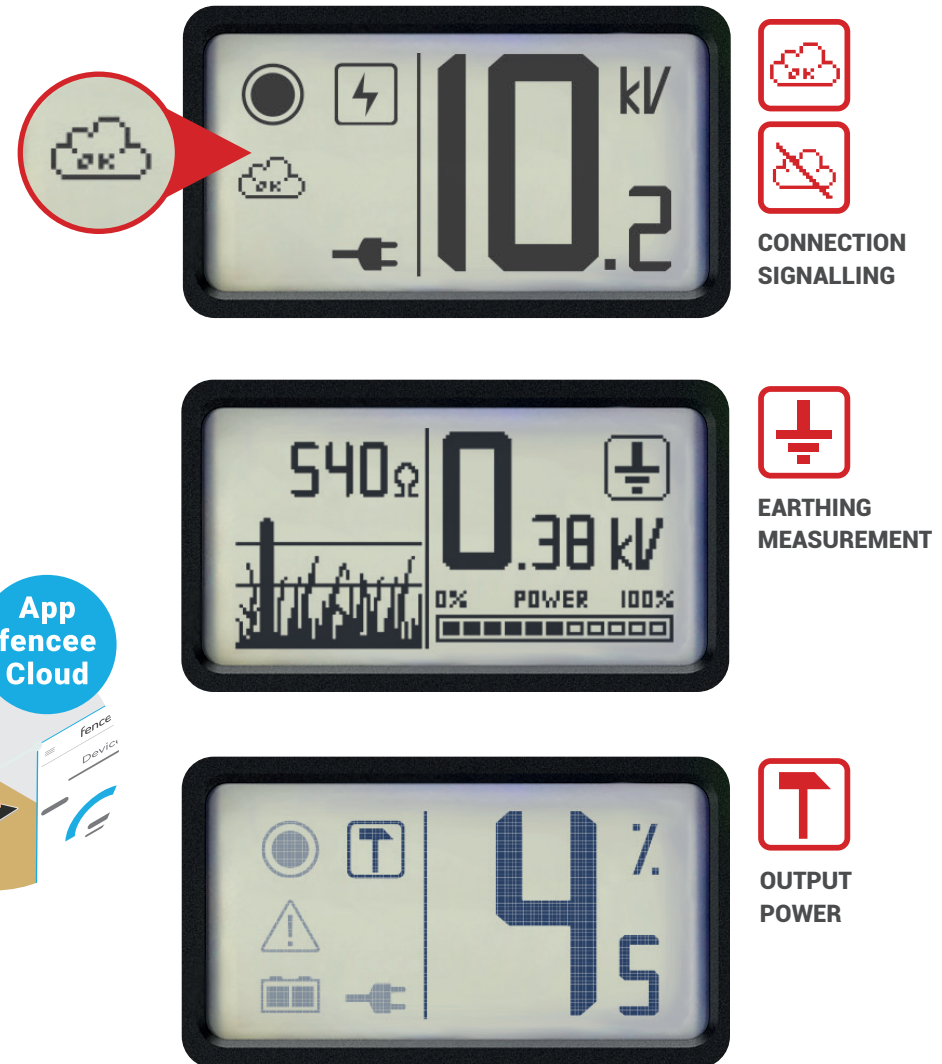
Easily control a smart Wi-Fi energizer within range of your home network, without the need for a central WiFi Gateway.

- 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

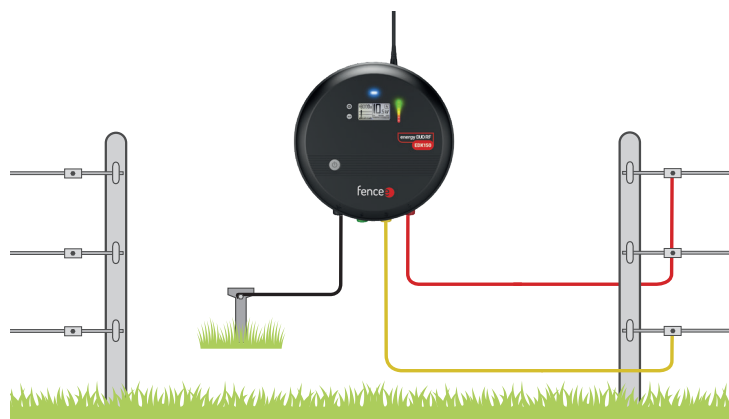
The energy Smart DUO EDW energizer display all important values on a large backlit LCD display.



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.



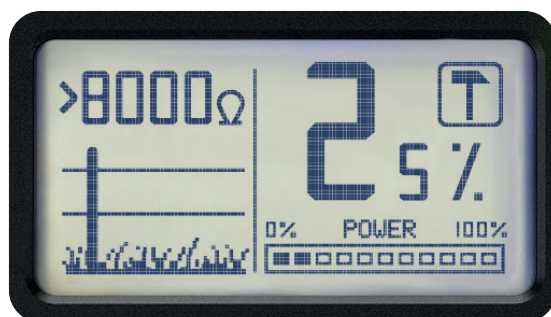
1 Separate connection to the bottom wire where the growth of dense vegetation is expected.



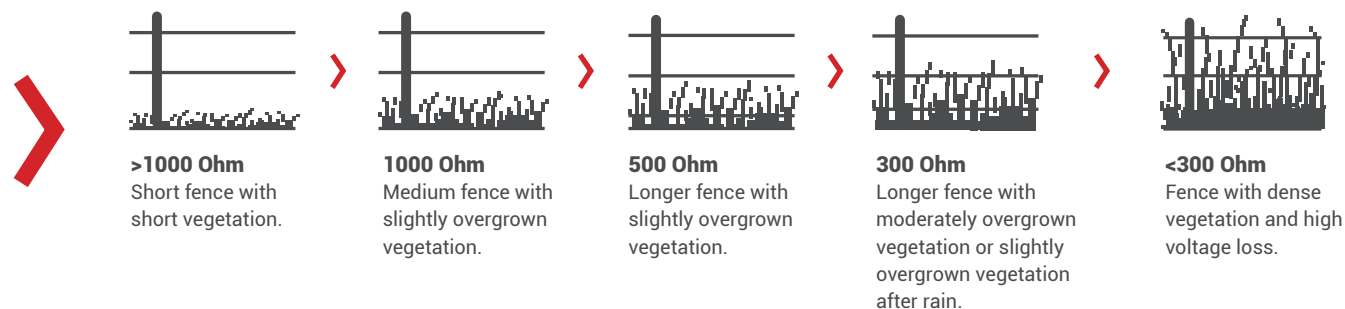
2 Fence connection for smaller and younger animals.

-  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