



Operating Mode

110V Inverter

Input Voltage

Efuzer Inverter Mode (48V)

Output Voltage

110V ac 50Hz
(Pure Sine Wave)

Output Current Maximum

14A Continuous (27A Surge)

Output Power

1,500W Continuous (3,000W Surge)

Weight

6.4kg

Size

43cm x 34cm x 22cm

Protection level

IP54

Operating temperature

-10°C to +45°C

Storage temperature

-30°C to +70°C

The **FLEX** is a power inverter that works with your Efuzer battery-powered electrofusion welder, to convert the Efuzer welding output voltage into 110V ac to run your on-site tools.

The stored energy is taken from the Efuzer battery pack which allows the **FLEX** to be very small and lightweight, coming in at just 6.4kg.

The **FLEX** has a surge power of 3,000W and a continuous power of 1,500W. It has a 110V pure sine wave output.

A fully charged Efuzer battery will run a submersible pump for 45 minutes, pumping out 9,000 litres of water which is 112 bathtubs full.

A fully charged Efuzer battery will run a 10 bar 10 litre air compressor for 30 minutes, giving 2,600 litres of air. This will pump up 42 car tyres from empty.

Using the **FLEX** to pump water out of a trench for 5 minutes, 1,000 litres, takes the same energy from the Efuzer battery as welding one 125mm coupler.

NET ZERO

If the Efuzer is charged from 'Green Electricity' then the **FLEX** operation is net-zero.

NOISE POLLUTION

Reduce noise levels by 100% - silent operation.

EVERYDAY USAGE

Designed to run all on-site tooling up to 1,500W power. Pumps, Air compressors, Lights, Hammer Drills.

CHEAPER OPERATION

One full Efuzer battery charge cost 9 pence. (average cost)

EASE OF OPERATION

Simply connect the output lead of the Efuzer to the **FLEX** and select 'Inverter Mode' on the Efuzer. The Efuzer will display the **FLEX** voltage, current and capacity remaining.

HEALTH & SAFETY

Using the **FLEX** removes the need to carry a petrol/diesel generator in the van, saving weight and space while also removing the H&S risks of using fuel.

PRODUCTIVITY

Faster operation – Quicker and easier to carry, setup, operate and maintain.