



(Efuze Uses Patent Pending Technology)

The **iACT** is the worlds' first battery powered electrofusion welder that CAN be used all day every day. This major advancement in welding technology offers a self-contained welding unit that needs no external power source to operate. This rechargeable welder has the power to silently weld over 200 couplers* completely CO₂ free. The future of welding is here, with more flexibility, reduced carbon emissions and – most importantly – reliability you can trust in.

Operating Modes

Manual & Barcode

Welding Voltage

8V to 48V (39½V)

Welding Current

1A to 65A

Welding Power

8VA to 2600VA

Weight

20kg

Size

43cm x 38cm x 38cm

Protection level

IP54

Operating temperature (welding)

-10°C to +45°C

Operating temperature (charging)

0°C to +45°C

Supply voltage

Lithium-ion rechargeable batteries

BATTERY CHARGER

Supply voltage

100V to 240V

Supply power

550W (@240V)

NET ZERO

Reduce carbon emissions by 98% using average mains electricity, against using a petrol generator. Net zero when using green electricity to charge up.

NOISE POLLUTION

Reduce noise levels by 100% - silent operation.

EVERYDAY USAGE

Able to weld from 16mm to 355mm. *Can weld 200x 32mm couplers on one battery charge.

CHEAPER OPERATION

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

EASE OF OPERATION

One hour to charge from flat to full using mains. Can weld 80 mixed-size fittings per battery charge.

CHARGING ON THE GO

Use van +12V auxiliary socket to charge.

HEALTH & SAFETY

No trailing input cables on site and manual handling improved : 86% lighter than generator + welder.

SMART CALIBRATION

Equipment self-checks its calibration on each use.

PRODUCTIVITY

Faster welding as no generator to setup and start.

RELIABILITY

Half of welding faults are caused by bad generators. No generator required so substantially more reliable welding.