



**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)

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 CO<sub>2</sub> free. The future of welding is here, with more flexibility, reduced carbon emissions and – most importantly – reliability you can trust in.

**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.