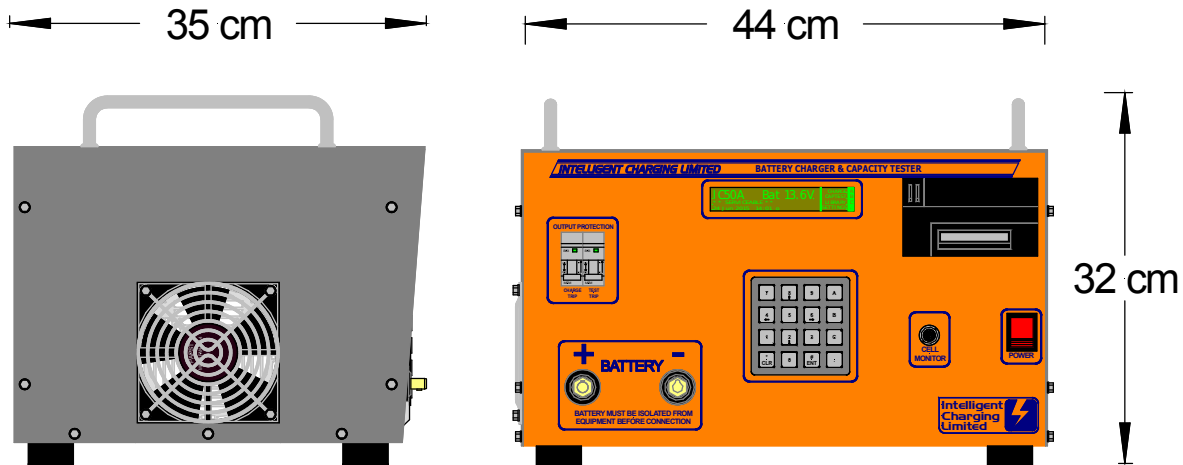




IC50A- Battery Charger and Capacity Tester Technical Specifications

Charge Voltage from 1.2V to 40.0V in 0.1V increments.
Charge Current from 0.1A to 50A in 0.1A increments.
Discharge Voltage from 1.2V to 40.0V in 0.1V increments.
Discharge Current from 0.1A to 60A in 0.1A increments.
Maximum discharge power 1440Watts.



Charge Modes:

- Charges almost all battery technologies
- Can charge from 1.2V to 40V, up to 50A
- Constant voltage charge
- Constant current charge with top up charge
- Constant current using cell monitor
- 4 step charge

Display:

- Battery volts, amps & time displayed on a clear display
- Shows calibration status
- Can control the brightness of the display

Alarm:

- Audio alarm to indicate process completion or failure

Programmable:

- 24 user-programmed battery data libraries
- Intuitive data entry
- Only three keystrokes needed to start
- Can be set so a predefined test can be scheduled to start later
- Charge and capacity test operations can be combined into one process

Protection:

- Internally protected from overloads
- Reverse or no battery connection protected
- Automatically shuts down if battery is disconnected

General:

- Built in printer for audit trail
- Input Voltage 220-240V 50-60Hz
- Bench Mounted
- Supplied with 1 set of leads 100cm long with 8mm ring crimps
- Customisable lead sets on request.
- 1 year RTB warranty

Capacity Test Modes:

- Capacity test to 100%
- Can capacity test from 1.5V to 40V, up to 60A
- Capacity test to target voltage
- Capacity test with cell monitor
- Automatic cell balance
- Full discharge

Maintenance:

- Field calibration possible, no need to return unit for calibration

Weight:

- 35kg (77lbs)

Dimensions:

- 44 x 35 x 32 cm (17.3 x 13.8 x 12.6 inch)

To discuss your battery charging and testing requirements, and to discover how a standard or bespoke Intelligent Charging solution would help your operations, contact:

E: sales@intelligent-charging.com
T: +44 (0)1603 722 770
F: +44 (0)1603 722 771
W: www.intelligent-charging.com
A: Intelligent Charging Limited
Ford House, Dewing Road
Rackheath Industrial Estate
Norwich, Norfolk, NR3 6PS
United Kingdom