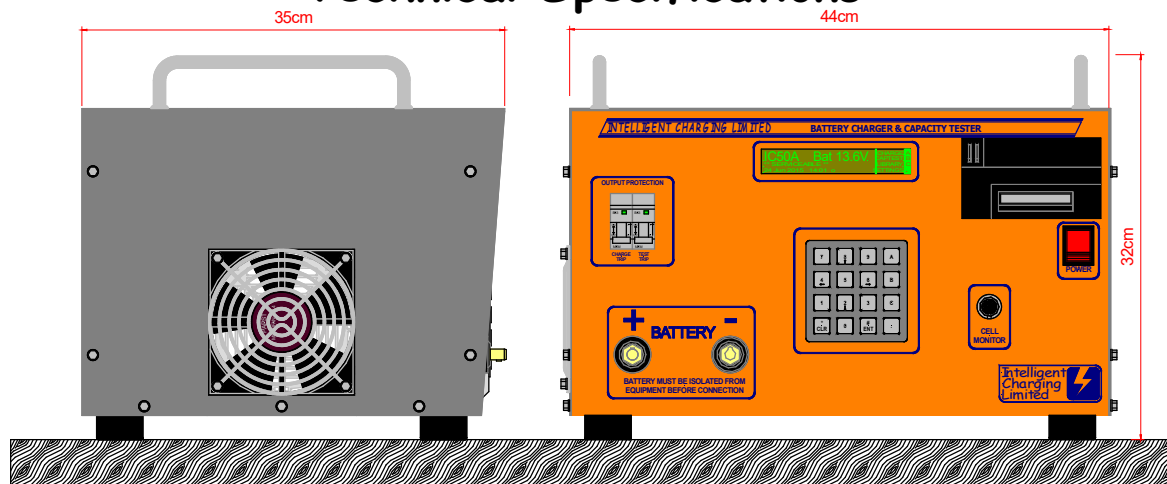




IC50A - Battery Charger And Capacity Tester

Technical Specifications



CHARGE MODES:

- Charge 24V Battery From 0.01A To 50.00A
- Charge 12V Battery From 0.01A To 50.00A
- Charge Any Battery From 1.2V Up To 36.0V
- Constant Voltage Charge
- Constant Current Charge With Top Up Charge
- Constant Current Using Cell Monitor TH20
- Four Step Constant Current Charge
- Overcharge Detection
- Failure To Meet Target Voltage Detection
- Battery Temperature Monitoring using BTH-1077

DISPLAY:

- Volts, Amps & Time Displayed On A Clear Display
- Resolution 0.01A And 0.01V
- Time shown in Hours and Minutes
- Shows Calibration Status
- Display Can Be Dimmed
- Audible Alarm For Successful Completion or Failure

PROGRAMMABLE:

- 24 User Defined Battery Data Libraries
- Intuitive data entry
- Only Three Keystrokes Needed To Start A Operation Can Be Started Up 99h Later
- Process Mode Allows Up To Six Operations

PROTECTION:

- Internally Protected From Overloads
- Reverse Or No Battery Connection Protected
- Auto-shutdown If Battery Is Disconnected

MAINTENANCE:

- Field Calibration Possible,
- No Need To Return Unit For Calibration

CAPACITY TEST MODES:

- Capacity Test 24V battery From 0.01A To 60.00A
- Capacity Test 12V battery From 0.01A To 60.00A
- Capacity Test Any Battery From 1.2V To 40.0V
- Capacity Test To Time
- Capacity Test To Target Voltage
- Capacity Test Using Cell Monitor TH20
- Can Report Multiple Failed Cells With TH20
- Automatic Cell Balancing With TH20
- Full Battery Discharge
- Battery Temperature Monitoring using BTH-1077

WEIGHT:

35Kg (77lbs)

DIMENSIONS:

44cm x 35cm x 32cm (17.3" x 13.8" x 12.6")

SUPPLY:

- Input Voltage 220-240V AC 50-60Hz
- Input Power 25W To 2500W

GENERAL:

- Built In Printer For Audit Trail
- Individual Cell Monitoring With TH20 Cell Monitor
- Bench Mounted
- Includes 1m Set Of Leads With 8mm Ring Crimps
- Alternative Or Longer Lead Sets Available
- Leads Can Be Fitted With Battery Connector
- 1 Year Return To Base Warranty
- Printer Spares Kit A160CBX Available
- Contains 2 Print Ribbons & 5 Rolls Paper

Nato Stock Number NSN 6130-99-479-7849

Data-sheet Revision 5 11-03-2021

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

Intelligent Charging Limited

Ford House, Dewing Road,
Rackheath Industrial Estate, Norwich, Norfolk,
NR13 6PS. ENGLAND.

Registered in England No. 03270052 VAT Reg. GB 688 3706 84

Tel : +44 (0) 1603 722770

Fax : +44 (0) 1603 722771

mail : sales@intelligent-charging.com

ISO9001:2015 Registered Company. Certificate FM 535034