

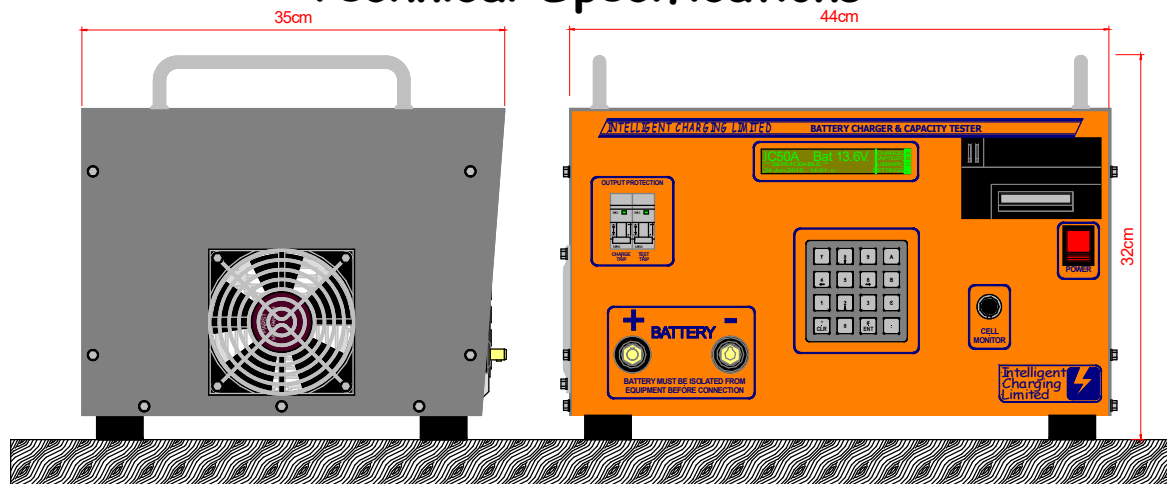
Intelligent Charging Limited

Battery Charging And Testing For Critical Applications



IC48V - Battery Charger And Capacity Tester

Technical Specifications



CHARGE MODES:

- Charge 24V Battery From 0.01A To 80.00A
- Charge 12V Battery From 0.01A To 100.00A
- Charge 48V Battery From 0.01A To 40.0A
- Charge Any Battery From 1.2V Up To 65.0V
- 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

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
- Automatically Shuts Down 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 80.00A
- Capacity Test 12V battery From 0.01A To 80.00A
- Capacity Test 48V Battery From 0.01A To 40.00A
- Capacity Test Any Battery From 1.20V To 70.00V
- 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

WEIGHT:

25Kg (55lbs)

DIMENSIONS:

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

SUPPLY:

Input Voltage 175-264VAC, 47-440Hz, 200-370VDC
Input Power 25W To 2800W

GENERAL:

- Built In Printer For Audit Trail
- Individual Cell Monitoring With TH20 Cell Monitor
- Two Batteries Can Be Charged In Series.
- 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

ENVIRONMENTAL:

Operating -20°C to 40°C. (Printer Minimum 0°C)
Data-sheet Revision 6 13-10-2021

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

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