

HEAVY DUTY INDUSTRIAL BATTERY CHARGERS

LC-5400 SERIES

120V-100A CHARGER



RELIABILITY LC-5400 SERIES Industrial Battery Chargers

SALIENT FEATURES

- **Microprocessor Controlled Intelligent Operation**
- **User Friendly LCD Display**
- **95% High Efficiency AC to DC Conversion**
- **High Tech SCR Rectifier Modules**
- **Unique ABM Technology Extends Battery Life**
- **Auto Restart**
- **Self-Diagnostics**
- **Communication Interface (on request)**

TECHNICAL SPECIFICATIONS:

- **Input Voltage: 380V/220V, 3-Phse, 50/60Hz, ±10%**
- **Output Voltage: 120V, ±2%**
- **Output Current: 100A max.**
- **Protections:**
 - Over Voltage Protection
 - Under-Voltage Protection
 - Over-Heating Protection
 - Short-Circuit Protection
 - Surge Protection
 - Reverse Polarity Protection
- **Equalization:** Can be selected manually
- **Dimensions(mm): 400 x 570 x 920**
- **Weight: 130kg**



LC5400-120V-100A Intelligent Industrial Charger Functionality:

1. **Intelligent Closed-Loop Control:**

The LC5400 Charger tests, dynamically tracks and employs closed-loop control to batteries thereby making the battery in optimized charge electrochemistry conditions.

2. **Battery Polar Plates Protection:**

The LC5400 charger removes adverse effects on polar plates of the battery caused by excessive charge, gas bulb erosion and extends service life of the battery.

3. **Powerful Protection and Reliability:**

The LC5400 charger possesses the protection functions for over current, short circuit, overloading, open circuit, incorrect polar connection, excessive charge etc., which avoids damage to the charger by incorrect operation.

4. **Simple Structure and easy Maintenance:**

The LC5400 charger is comprised of Microcomputer Controller, SCR Power Module, Transformer, LCD Display and other main functional modules. It automatically starts when the charger is turned on and the matching charge curve program improves stability of the charge technology. The digital display for data during the process and status makes it easy to observe relevant data and condition and the operation is very simple. Manual equalizing (initial charge) charge function key is set on the panel for easy maintenance or manual operation for first time charging of new batteries.

The LC5400 charger is effectively used to charge all types of Batteries:

Sealed Lead Acid/ Lead Calcium Batteries
Vented Cell Lead Acid/ Lead Calcium Batteries
Ni-Cd Batteries
Ni-MH batteries

These batteries are widely used for:

Telecom Systems
UPS Systems
Railway Systems
Electric forklift truck
Electric touring vehicle
Electric porter
and many more.....

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