

LEAD ACID BATTERY CHARGER

BAT-CD12-8

User manual



GENERAL SAFETY INSTRUCTION



- 1 – Use this battery charger for lead acid batteries only
- 2 – This battery charger is not intended as a power supply. Use to charge batteries only
- 3 – Do not use with dry-cell batteries
- 4 – This battery charger uses a cooling fan. Proper air flow is required to prevent damage or fires
- 5 – Always charge battery in a well ventilated area. Lead acid batteries released explosive gases when charging
- 6 – This battery charger must be operated in dry and well vented area
- 7 – The charger must be as far away from the battery as possible
- 8 – Do not use the battery while charging it
- 9 – Pull from the connector when disconnecting the battery charger
- 10 – Do not step on or place objects on the power cord. This may cause damage and electrical shock
- 11 – Do not service or disassemble the battery charger. Replace if faulty.
- 12 – Do not leave the battery unattended while charging
- 13 – Do not charge batteries with low acid levels or damaged cells.

BAT-CD12-8

Specification:

Description: Battery Charger

Battery type: Lead acid batteries only

Input voltage: 100 – 220VAC 50/60 Hz

Battery voltage: 12VDC

Charging current: up to 8Amps

Output voltage: 13.8VDC

Efficiency: 80%

Size: 5-1/2" x 2-1/4" x 2"

Cooling: Integrated fan

Color: Black

Material: ABS + PC

Certifications: CE SAA FCC ROHS

Ripple/Noise: <100MV

Operating Temperature: -20°C to 60°C

Operating Humidity: 20 to 90% RH

Storage Temperature: -40 to +80 degree

Safety features:

Over Current Protection

Over Voltage Protection

Short Circuit Protection

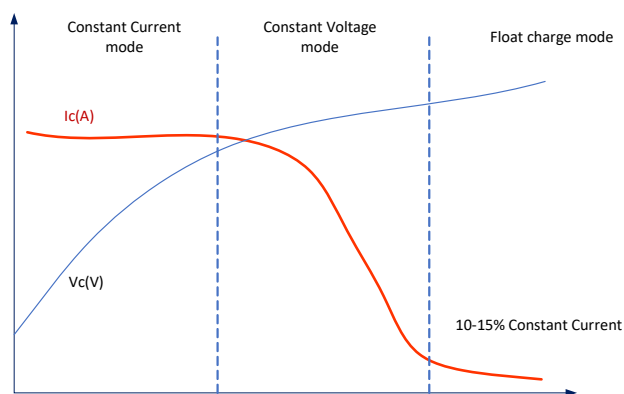
Reverse Connection Protection

About the BAT-CD12-8:

This is a small and smart battery charger designed to supply the battery with up to 8Amps of charging current. When fully charged, the battery is maintained with a constant current floating charge mode.

This charger delivers high current for its size but uses a modulated cooling fan to keep the circuitry at operating temperature. It is therefore important to use this charger in a well vented area. This unit also includes short circuit and reverse voltage protection. Due to these safety features, this battery charger may not be able to charge a completely discharged battery.

Charging Profile:



CHARGING PROFILE



MESKOTECH, INC.
www.meskotech.com