

CHLORIDE

CCCV CHARGER
HOME CHARGE



PORTABLE CCCV BATTERY CHARGER

Chloride Power Systems and Solutions Limited is a 100% subsidiary of Exide Industries Limited. It is a leading name in the field of power electronics in India. As a part of its policy of continuous innovation, Chloride introduces its integrated Portable CCCV Battery Charger.

Automotive and domestic inverter battery users can now breathe a big sigh of relief. Chloride has developed a portable 12 V charger that will be a constant friend in need in the direst emergencies. Essentially, this equipment is a constant current constant voltage (CCCV) charger. Initially it charges the battery at constant current mode at 10A/9.4A. When the battery reaches 15V/16V, the charger automatically switches to constant voltage mode and continues the charging. It takes about 24 hours to recharge a completely discharged battery. The battery charger is equipped with a smart LCD display screen that indicates the battery voltage and charging. The button can be used to reset all the displayed parameters on the LCD screen. It also has some visual indicators which enable the user to understand the functioning of the equipment.

ADVANTAGES OF CCCV CHARGER

- ✓ Easy and fast charging of car/inverter battery in case of insufficient/improper charging of the system.
- ✓ Portable, light weight and compact size.
- ✓ Intelligent charging profile.
- ✓ Easy trouble shooting due to robust design and simple circuit.
- ✓ Improved customer satisfaction-by getting real time battery information, end user can take corrective action if necessary.

PORTABLE CCCV BATTERY CHARGER 16.5V/10 A

This is version of the CCCV portable charger focuses on reviving deep discharged and even almost impossible to recover flooded 12 V batteries used for automotive and inverter application. In most cases this CCCV charger successfully recovers batteries with low OCV (open circuit voltage) occurred due to deep discharge or having kept in idle condition for long duration. It charges the battery in constant current mode at 10 Amp. When the battery reaches 16.5 V, the charger automatically goes to constant voltage mode and continues to charge the battery at 16.5 V.

TECHNICAL SPECIFICATIONS

15V/10 A CCCV Charger

TYPE: A

TECHNICAL SPECIFICATIONS / FEATURES

- AC Input : 230 V +/- 10%, 50 Hz (L /N/E)
- DC output Voltage : 15 V
- Voltage Regulation +/- 0.5 V
- Charging current: 10A DC (Max.)
- Current regulation +/- 1A.
- Display Accuracy +/- 0.5 %

INDICATION

- AC supply ON

LCD DISPLAY

- Ah Input to the Battery
- Battery voltage
- Charging current
- Total run time
- Manual reset push button
- Constant Current/ Constant Voltage Operation
- Portable Floor top type
- Input Protection through switch and fuse
- Output Protection through fuse
- Battery Reverse Polarity Protection
- Weight : 2.2Kg (approx.)
- Noise level : 50dB
- Dimension: 120 X 100 X 280 mm.

16V/9.4 A CCCV Charger

TYPE: B

TECHNICAL SPECIFICATIONS / FEATURES

- AC Input : 230 V +/- 10%, 50 Hz (L /N/E)
- DC output Voltage : 16 V
- Voltage Regulation +/- 0.5 V
- Charging current: 9.4 A DC (MAX)
- Current regulation +/- 1A.
- Display Accuracy +/- 0.5 %

INDICATION

- AC supply ON

LCD DISPLAY

- Ah Input to the Battery
- Battery voltage
- Charging current
- Total run time
- Manual reset push button
- Constant Current / Constant Voltage operation
- Portable Floor top type
- Input Protection through switch and fuse
- Output Protection through fuse
- Battery Reverse Polarity Protection
- Weight : 2.2Kg (approx.)
- Noise level : 50dB
- Dimension: 120 X 100 X 280 mm.

16.5V /10 A CCCV Charger

TYPE: C

TECHNICAL SPECIFICATIONS / FEATURES

- AC Input : 230 V +/- 10%, 50 Hz (L /N/E)
- DC output Voltage : 16.5 V
- Voltage Regulation +/- 0.5 V
- Charging current: 10A DC (MAX)
- Current regulation +/- 1A.
- Display Accuracy +/- 0.5 %

LED INDICATION

- AC supply ON
- Battery reverse polarity.
- Constant Current / Constant Voltage Operation
- Portable Floor top type
- Input Protection through switch and fuse
- Output Protection through fuse
- Battery Reverse Polarity Protection
- Weight: 2.0Kg (approx.)
- Noise level: 50dB
- Dimension: 126 X 100 X 280 mm.

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