PORTABLE CCCV BATTERY CHARGER (Home Charge)

Chloride Power Systems and Solutions Limited, formerly known as Caldyne Automatics Limited, is a 100% subsidiary of Exide Industries Limited. Established in 1980, it is a leading name in the field of Industrial Battery Charger, DC Power Solutions and Solar Power systems in India. As a part of its policy of continuous innovation, Chloride introduces its integrated Portable CCCV Battery Charger (Home Charge).

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 parameters. 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.

This 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 the battery in idle condition for long duration. Comes in a carry bag (optional)

ADVANTAGES OF CCCV Charger (Home Charge)

- 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.

TECHNICAL SPECIFICATIONS

15V/10 A CCCV Charger

TYPE: A

TECHNICAL SPECIFICATIONS / FEATURES

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

INDICATION

- AC supply ON
- Battery Reverse polarity

LED DISPLAY

- Ah input to the Battery
- Battery voltage
- Charging current
- Total run time
- Manual reset push button
- Constant Current / Constant Voltage
- Portable floor 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: 230V +/- 10%, 50Hz (L/N/E)
- DC output Voltage: 16 V
- Voltage Regulation: +/- 0.5 V
- Charging current: 9.4 A DC (MAX)
- Current regulation: +/- 1 A
- Display Accuracy: +/- 0.5%

INDICATION

- AC supply ON
- Battery Reverse polarity

LED DISPLAY

- Ah input to the Battery
- Battery voltage
- Charging current
- Total run time
- Manual reset push button
- Constant Current / Constant Voltage
- Portable floor 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: 230V +/- 10%, 50Hz (L/N/E)
- DC output Voltage: 16.5 V
- Voltage Regulation: +/- 0.5 V
- Charging current: 10A DC (MAX)
- Current regulation: +/- 1 A
- Display Accuracy: +/- 0.5%

LED INDICATION

- AC supply ON
- Battery reverse polarity
- Constant Current / Constant Voltage
- Portable floor 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.
- Weight: 5.0Kg (approx.)
- Noise level: 50dB
- Dimension: 120 X 100 X 280 mm.

This catalogue is issued to provide outline information only and should not be deemed to form part of an offer or contract. As a process of continuous product improvement policy, the specifications are subject to change without prior notice.