

SMPS

BASED BATTERY CHARGERS



METRO



SMPS based battery chargers are Constant Current Constant Voltage (CCCV) flyback/forward converters that have been designed to continuously charge a Lead-Acid or Sealed Maintenance Free Battery with pure DC charging current.

SALIENT FEATURES

Switching mode control (SMPS) based design.

Charges batteries with constant voltage and constant current.

Protection against the reverse polarity of battery.

Automatic over current limit.

Low ripple voltage.

Pure DC charging current to reduce stress on batteries and ensure longer life of battery.

Intelligent Thermal Management.

High efficiency.

User friendly LED/LCD display.

APPLICATIONS

Battery Dealers

Initial Battery Charging

Charge Car Battery

PRODUCT SPECIFICATIONS

MODEL	OUTPUT VOLTAGE (V)	CHARGING CURRENT (Amps.)	INPUT RANGE (Volts)	DISPLAY
12V/10A	13.8V DC	10A	120V - 290VAC, 50Hz	LED
12V/15A	13.8V DC	15A	120V - 290VAC, 50Hz	LED
24V/10A	27.6V DC	10A	120V - 290VAC, 50Hz	LED
24V/15A	27.6V DC	15A	140V - 290VAC, 50Hz	LED
36V/10A	41.4V DC	10A	140V - 290VAC, 50Hz	LCD
48V/10A	46V DC-62V CD (User selectable)	10A (User selectable)	140V - 290VAC, 50Hz	LCD
12V/10A	13.8V DC	10A	75V - 140VAC, 60Hz	LED
24V/10A	27.6V DC	10A	75V - 140VAC, 60Hz	LED

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