

OPEN FRAME AUTOMATIC BATTERY CHARGER



TECHNICAL SPECIFICATION	MODEL	BATTERY TYPE	Float Voltage	Boost Voltage	CURRENT RATING
Input Voltage : AC 240V \pm 10%	12V AP-OF-12V 10A / 15A / 20A	LEAD ACID	13.5V	14.5V	10A 15A 20A
Frequency : 50Hz \pm 5%		NI-CD	14.0V	16.0V	
Phase : Single Phase	24V AP-OF-24V 10A / 15A / 20A	LEAD ACID	27.0V	29.0V	
		NI-CD	28.0V	32.0V	

THYRISTOR CONTROLLED RECTIFICATION

- ▲ High efficient SCR controlled rectifier ensures high reliability and durability.

CONSTANT VOLTAGE OUTPUT

- ▲ SCR phase control is used to control and regulate output voltage at a constant level which enables correct and accurate charging voltage to be measured before connection of battery to charger.

CURRENT LIMIT OUTPUT

- ▲ Output current is limited to maximum current rating of charger.
- ▲ Output overload or short circuit will not cause any damage to charger.

TWO CHARGING MODES

- ▲ Charger can be selected by a close or open switch for 'Boost' or 'Float' charge voltage selection.

LEAD ACID BATTERY AND NICKEL CADMIUM BATTERY SELECTION

- ▲ An on-board jumper to select charger mode to charge lead acid or nickel cadmium battery.

MAINS FAIL ALARM SIGNAL

- ▲ A volt-free change-over relay provides remote mains fail alarm output signal.

COMPACT DESIGN

- ▲ A single piece of P.C.B. contains all the control components. All connections to P.C.B. are by plugs and sockets.

LIGHTNING SURGE PROTECTION

- ▲ Metal Oxide Varistor (MOV) is incorporated to suppress voltage spikes caused by lightning strike and switching of near by heavy power equipment.

BATTERY POLARITY REVERSE PROTECTION

- ▲ Charger ceases to operate if battery terminals are connected in reverse across charger output terminals.
- ▲ No replacement of fuse or part is needed to resume normal operation when battery is re-connected with correct polarity.

LED'S INDICATOR

- ▲ Green - Power ON
- ▲ Red - Battery Polarity Reverse

OPTIONAL CUBICLE FEATURE

- ▲ A standard stand alone wall mounting / floor standing cubicle sheet steel enclosure with front opening door and coated with oven baked epoxy finishing.
Dimension : H400 x W250 x D180 mm

DIMENSION AND MOUNTING DETAILS



ELECTRICAL TERMINATIONS

L	N	E	CLOSE TO BOOST	A+	A-	B+	B-	NC	C	NO
240VAC MAINS INPUT						TO BATTERY		MAINS FAIL CONTACT		