



BATTERY CHARGER RECTIFIERS

TECHNICAL SPECIFICATIONS

Input	240VAC $\pm 10\%$, 50Hz $\pm 3\%$, 1-Phase / 415VAC $\pm 10\%$, 50Hz $\pm 3\%$, 3-Phase
Output Voltage	24 / 30 / 48 / 110 / 220 VDC, Nominal (Adjustable: -15% To +10% of nominal)
- Float Mode	(Adjustable: -15% To +35% of nominal)
- Boost Mode	
Output Current	5A To 200ADC (Adjustable: 30% To 100% of rated)
Suitable for battery types	Tubular Lead Acid / Nickel Cadmium / VRLA Maintenance Free type
Regulation	$\pm 1V$ Up to 48VDC, $\pm 1\%$ Up to 48VDC
Ripple	Better than 3%RMS
Features	Constant Voltage, Constant Current, DC output soft start, Current limit
Protections	HRC Fuse/MCB/MCCB
Indications	Input ON, Output ON, Float Mode ON Boost Mode ON
Alarms	AC Mains Fail, SCR Fuse Fail, Output Under Voltage / Over Voltage, Filter Fuse Fail, Charge Fail
Metering	Output Voltage, Output Current, Battery Voltage, Battery Current
Enclosure Protection	IP20 To IP52 as required (Available in SMPS, IGBT & Thyristor based configurations)

APPLICATIONS

- Power Plants
- Power Sub Stations
- Steel & Cement Plants
- Petro-chemical Plants
- Oil & Gas Plants Pipeline Projects

FEATURES

- Soft start for DC output
- CC/CV modes for charging
- Output current limiting
- Auto/Manual facility for output control
- Auto/Manual mode for Float / Boost changeover

Optional features:

- Micro controller based digital controller
- LCD display for metering and alarms
- Facia type window based annunciation
- Remote alarms / metering
- RS232 / RS485 Interface for communication

