

## TECHNICAL DATASHEET



### 110VDC SMPS BASED FCBC BATTERY CHARGER

Sr. No.	SPECIFICATION	DETAIL PARAMETER
1.	Make	POWERTRON
2.	Battery Voltage	110VDC

3.	Float Charging Voltage	121.0VDC
4.	Boost Charging Voltage	132.0VDC
5.	Total Current Capacity	50Amp.
6.	Charging current	15Amp.
7.	Load Current	35Amp.
8.	Float Charging Current	3mp.
9.	Boost Charging Current	12Amp.
10.	Battery type	110vdc / 100ah SMF rechargeable type @ Client end
11.	Input Voltage	415VAc – 3Phase – 4 Wire
12.	Input Frequency	50Hz
13.	Metering	O/P Voltage & Current For Charging & load
14.	Indication	AC OK (R Y B) DC OK FLOAT BOOST BATTERY LOW DC OVP
15.	Efficiency	Greater Than 85%
16.	Power factor Correction	0.99
17.	Operating Temp. Range	0 – 55°C
18.	Mode of Operation	Auto / Manual with Selector Switch
19.	Mode Working :-	
	Auto Mode	Charger Make change over from Float to Boost & boost to Float automatically
	Manual Mode	User can set Float & Boost Voltage as per requirement Float & Boost Selection switch will be provided on front panel
20.	Switch Gears	Input MCB Charging MCB Load MCB
21.	Enclosure IP grade	IP 42
22.	Enclosure Shed	RAL7032
23.	Cooling Type	Conventional Fan Cooled

