

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.	Charger Current Capacity	70Amp.
6.	Float Charging Current	14Amp.
7.	Boost Charging Current	56Amp.
8.	Input Voltage	415VAc – 3Phase – 4 Wire
9.	Metering	O/P Voltage & Current For Charging & load
10.	Indication	AC OK (R Y B) DC OK FLOAT BOOST BATTERY LOW DC OVP
11.	Efficiency	Greater Than 85%
12.	Power factor Correction	0.99
13.	Operating Temp. Range	0 – 55°C
14.	Mode of Operation	Auto / Manual with Selector Switch
15.	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
16.	Switch Gears	Input MCB
17.	Enclosure IP grade	IP 42
18.	Enclosure Shed	RAL7032
19.	Cooling Type	Conventional Fan Cooled

