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## BATTERY CHARGER

### TECHNICAL SPECIFICATION

<b>MODEL</b>	EEB48V10A
<b>INPUT</b>	
I/P	230V AC, 1-Ph, 40-60Hz
Range	180-270V AC
Fuse Protection.	
I/P MOV	
Soft Start	
Inrush current	92A@230V AC
<b>OUTPUT</b>	
Nominal Battery Voltage	48V DC
Float Voltage	54V
Boost Voltage	57.6V
Top up Voltage	62.4V(only for Lead acid battery)
Manual –Voltage adj.	48-66V
Current	10A (adjustable 2.5-10A)
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple	+/- 1% (P-P)
Protections	a) Overload Protection auto recovery type. b) Short circuit protection auto recovery type. c) OVP Protection Latching type. d) Reverse Polarity by fuse & MCB.
Current Limit	Yes
<b>ENVIRONMENTAL</b>	
Operating temperature upto 50 <sup>0</sup> C.	
Humidity	< 95% Rh
IP 21 Protection	
<b>GENERAL</b>	
Digital Voltmeter & Currentmeter provided	
Input and output MCB provided	
Auto / Manual switch provided	
Jumper provided to select the battery type – SMF/ Lead Acid	
Potential Free Contact – Alarm contact	
Isolation	Input to Output – 1.5KV Input to Earth – 1.5KV Output to Earth- 500V
MTBF	50K Hrs to MIL
<b>INDICATIONS LED</b>	a) Float b) Boost c) Equalizer g) Top up
<b>MECHANICAL</b>	
Dimension	260(W) X 155(D) X 220(H)mm
Cooling type	Fan
Weight	5.5 Kgs