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## BATTERY CHARGER

### TECHNICAL SPECIFICATION

#### MODEL

EEB48V25A

#### INPUT

I/P  
Range  
Fuse Protection.  
I/P MOV  
Soft Start  
Inrush current

230V AC, 1-Ph, 40-60Hz  
180-270V AC

23A@230V AC

#### OUTPUT

Nominal Battery Voltage  
Float Voltage  
Boost Voltage  
Current  
Line Regulation  
Load Regulation  
Ripple  
Protections

48V DC  
54V  
57.6V  
25A (adjustable 6.5-25A)  
+/- 1%  
+/- 1%  
+/- 1% (P-P)  
a) Overload Protection auto recovery type.  
b) Short circuit protection auto recovery type.  
c) OVP Protection Latching type.  
Yes

Current Limit

#### ENVIRONMENTAL

Operating temperature upto 50°C.  
Humidity  
IP 21 Protection

< 95% Rh

#### GENERAL

Built in Power Factor Correction  
Potential Free Contact – Alarm contact  
Isolation

Input to Output – 1.5KV  
Input to Earth – 1.5KV  
Output to Earth- 500V  
50K Hrs to MIL

MTBF

#### INDICATIONS LED

a) Float  
b) Boost  
a) Input OK – Green LED  
b) Output OK-Green LED  
c) Input Under or Over Voltage(U/O)-Red LED  
d) Output Over Voltage(OVP)-Red LED  
e) Output Over Load(O/L)-Red LED  
f) Over Temp(O/T)-Red LED  
g) Output Short (S/B)-Red LED

#### MECHANICAL

Dimension  
Cooling type  
Weight

290(W) X 340(D) X 100(H)mm  
Fan  
6 Kgs