



## BATTERY CHARGER

### TECHNICAL SPECIFICATION

#### MODEL

EEB24V20A

#### INPUT

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

230V AC, 1-Ph, 40-60Hz  
180-270V AC  
  
92A@230V AC

#### OUTPUT

Nominal Battery Voltage  
Float Voltage  
Boost Voltage  
Top up Voltage  
Manual -Voltage adj.  
Current  
Line Regulation  
Load Regulation  
Ripple  
Protections  
  
Current Limit

24V DC  
27V  
28.8V  
31.2V(only for Lead acid battery)  
24-33V  
20A (adjustable 5-20A)  
+/- 1%  
+/- 1%  
+/- 1% (P-P)  
a) Overload Protection auto recovery type.  
b) Short circuit protection auto recovery type.  
c) OVP Protection Latching type.  
d) Reverse Polarity by fuse & MCB.  
Yes

#### ENVIRONMENTAL

Operating temperature upto 50° C.  
Humidity  
IP 21 Protection

< 95% Rh

#### GENERAL

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  
50K Hrs to MIL

MTBF

#### INDICATIONS LED

a) Float  
b) Boost  
c) Equalizer  
g) Top up

#### MECHANICAL

Dimension  
Cooling type  
Weight

260(W) X 155(D) X 220(H)mm  
Fan  
5.5 Kgs

#### OPTIONAL

Load and Battery Terminal separate.