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BATTERY CHARGER

TECHNICAL SPECIFICATION

MODEL

EEB30V15A

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
Noise
Protections

30V DC
33.75V
36V
39V(only for Lead acid battery)
30-40.5V
15A (adjustable 4-15A)
+/- 0.5%
+/- 1%
+/- 1% (P-P)
+/- 1%
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

Current Limit

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