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BATTERY CHARGER

TECHNICAL SPECIFICATION

MODEL

EEB24V50A

INPUT

I/P 230V AC, 1-Ph, 40-60Hz
Range 180-270V AC
Fuse Protection.
I/P MOV
Soft Start
Inrush current 23A@230V AC

OUTPUT

Nominal Battery Voltage 24V DC
Float Voltage 27V
Boost Voltage 28.8V
Current 50A (adjustable 15-50A)
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.
Current Limit Yes

ENVIRONMENTAL

Operating temperature upto 50° C.
Humidity < 95% Rh
IP 21 Protection

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
MTBF 50K Hrs to MIL

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