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BATTERY CHARGER

TECHNICAL SPECIFICATION

MODEL

EEB48V05A

INPUT

I/P 230V AC, 1-Ph, 40-60Hz
Range 180-270V AC
Fuse Protection.
I/P MOV
Soft Start
Inrush current 46A@230V AC

OUTPUT

Nominal Battery Voltage 48V DC
Float Voltage 54V
Boost Voltage 57.6V
Current 5A (adjustable 1.7-5A)
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
Current Limit Yes

ENVIRONMENTAL

Operating temperature upto 50⁰ C.
Humidity < 95% Rh
IP 21 Protection

GENERAL

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) Input OK
b) Output OK
c) Output OVP
d) Float
e) Boost

MECHANICAL

Dimension 195(W) X 130(D) X 100(H)mm
Cooling type Fan
Weight 1.4 Kgs