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BATTERY CHARGER

TECHNICAL SPECIFICATION

MODEL

EEB48V2A

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

2A (adjustable 0.7-2A)

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

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

165W X 105D X 60H mm

Cooling type

Natural

Weight

0.9 Kg