

AC TO DC POWER SUPPLIE**SPECIFICATION****MODEL**

Modular Swappable Design

PS6KW48100A

Individual Unit of 48V 25A output.

INPUTI/P
Range
Fuse Protection.
I/P MOV
Soft Start
Inrush current230V AC, 1-Ph, 40-60Hz
180-270V AC

OUTPUTNominal Voltage
Voltage Range
Current
Line Regulation
Load Regulation
Ripple
Noise
Protections48V DC
V
100A
+/- 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) Over temperature auto recovery type.

Current Limit.

ENVIRONMENTALOperating temperature upto 50⁰ C.
Humidity
IP 21

< 95% Rh

GENERALBuilt in Power Factor Correction- 0.99
IsolationInput to Output – 1.5KV
Input to Earth – 1.5KV
Output to Earth- 500V
50K Hrs to MIL

MTBF

Potential Free Contact for each module – Alarm contact

INDICATIONS LED OF EACH MODULE(48V25A)

- 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) Output Over Temp(O/T)-Red LED
- g) Output Short (S/B)-Red LED

Indications on outer panel

- (1) DC output ok
- (2) AC input ok
- (3) Fault
- (4) Voltmeter
- (5) Ammeter

MECHANICAL

Dimension

600W X 550D X 670H mm

Cooling type

Fan cooled – exhaust ??

Weight

37 Kgs

OPTIONAL

Redundancy by external diode.

Programmable by external signal – voltage & current

Remote ON/OFF