

## AC TO DC POWER SUPPLIE

### SPECIFICATION

<b>MODEL</b>	PS6KW4850A
Modular Swappable Design	Individual Unit of 48V 25A output.
<b>INPUT</b>	
I/P	230V AC, 1-Ph, 40-60Hz
Range	180-270V AC
Fuse Protection.	
I/P MOV	
Soft Start	
Inrush current	---
<b>OUTPUT</b>	
Nominal Voltage	48V DC
Voltage Range	
Current	50A
Line Regulation	+/- 0.5%
Load Regulation	+/- 1%
Ripple	+/- 1% (P-P)
Noise	+/- 1%
Protections	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.	
<b>ENVIRONMENTAL</b>	
Operating temperature upto 50 <sup>0</sup> C.	
Humidity	< 95% Rh
IP 21	
<b>GENERAL</b>	
Built in Power Factor Correction- 0.99	
Isolation	Input to Output – 1.5KV Input to Earth – 1.5KV Output to Earth- 500V 50K Hrs to MIL
MTBF	
Efficiency	
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

37Kgs

**OPTIONAL**

Redundancy by external diode.

Programmable by external signal – voltage & current

Remote ON/OFF