

## AC TO DC POWER SUPPLIE

### SPECIFICATION

<b>MODEL</b>	PS4830A
<b>INPUT</b>	
I/P	230V AC, 1-Ph
Frequency	47-63Hz
Range	180-270V AC
Fuse Protection.	Yes
I/P MOV	Yes
Soft Start	Yes
Inrush current	23A@230V AC
AC Current	
Leakage Current	<5mA@230V AC
<b>OUTPUT</b>	
Nominal Voltage	48V DC
Voltage Range	45-50V
Rated Current	30A
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple Max	+/- 1% (P-P)
Noise Max	+/- 1% (P-P)
Protections	a) Overload Protection auto recovery type:102-105% b) Short circuit protection auto recovery type:Yes c) Over Voltage Protection Latching type:105-110% d) Over temperature auto recovery type:80°C ± 5 degrees
Current Limit.	Yes
Start up time	6.5sec
Hold up time	28ms@230V AC
Transient response	--
<b>ENVIRONMENTAL</b>	
Operating temperature upto 50° C.	
Humidity	< 95% Rh
IP 21 Protection	
<b>GENERAL</b>	
Built in Power Factor Correction- 0.99	
Parallable (active current sharing) and seriesable	
Isolation	Input to Output – 1.5KV Input to Earth – 1.5KV Output to Earth- 500V
MTBF	50K Hrs to MIL
Efficiency	87%
Potential Free Contact – Alarm contact	

## INDICATIONS LED

- 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

290W X 340D X 100H mm

Cooling type

Fan cooled – exhaust ??

Weight

6 Kgs

## OPTIONAL

Redundancy by external diode.

Programmable by external signal – voltage & current

Remote ON/OFF

With Digital Voltmeter & Currenmeter