

**SPECIFICATION SHEET**

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**SWITCH MODE POWER SUPPLY**

**MODEL** : PS4810A

**INPUT**

\* 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 : 92A@230V AC  
\* AC Current : 7A@230V AC

**OUTPUT**

\* Nominal Voltage : 48V DC  
\* Voltage Range : 48-60V  
\* Rated Current : 10A  
\* 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%  
\* Current Limit. : Yes  
\* Start up time : <1.7sec  
\* Hold up time : 20ms

**ENVIRONMENTAL**

\* Operating temperature 0 to 50<sup>0</sup> C.  
\* Humidity : < 95% Rh  
\* Enclosure IP 20 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

## **MECHANICAL**

- \* Dimension : approx. 235W X 200D X 100H mm
- \* Cooling type : Fan cooled
- \* Weight : approx. 3 Kgs.

## **OPTIONAL**

- \* Redundancy by external diode.
- \* Potential Free Contact - Alarm contact
- \* Programmable by external signal - voltage & current
- \* Remote ON/OFF
- \* With Digital Voltmeter & Current meter
- \* Over Temperature Protection