

**SWITCH MODE POWER SUPPLY****MODEL** : PS18010A**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 : 23A@230V AC  
\* AC Current : 11A@230V AC

**OUTPUT**

\* Nominal Voltage : 180V DC  
\* Voltage Range : 150-180V  
\* 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%  
: d) Over temperature auto recovery type:80°C ± 5 degrees  
\* Current Limit. : Yes  
\* Start up time : < 3 - 8 sec  
\* Hold up time : 36ms

**ENVIRONMENTAL**

\* Operating temperature 0 to 50<sup>0</sup> C.  
\* Humidity : < 95% Rh  
\* Enclosure IP20 Protection

**GENERAL**

\* Built in Power Factor Correction- 0.99  
\* Parallable (active current sharing)  
\* Isolation : Input to Output - 1.5KV  
: Input to Earth - 1.5KV  
: Output to Earth- 500V

- \* MTBF : 50K Hrs to MIL
- \* Potential Free Contact - Alarm contact for output fail

### **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

### **MECHANICAL**

- \* Dimension : approx. 295W X 350D X 100H mm
- \* Cooling type : Fan cooled
- \* Weight : approx. 6Kgs

### **OPTIONAL**

- \* Redundancy by external diode.
- \* Programmable by external signal - voltage & current
- \* Remote ON/OFF
- \* With Digital Voltmeter & Current meter