

SPECIFICATION SHEET

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SWITCH MODE POWER SUPPLY**MODEL** : PS3050A**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 : 30V DC
* Voltage Range : 24-30V
* Rated Current : 50A
* 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@230V AC

ENVIRONMENTAL

* Operating temperature 0 to 50⁰ C.
* Humidity : < 95% Rh
* Enclosure IP 20 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 : 6 Kgs

OPTIONAL

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