

SPECIFICATION SHEET

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SWITCH MODE POWER SUPPLY

MODEL : PS0520A

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 : 46A @230V AC
* AC current : 3A@230V AC

OUTPUT

* Nominal Voltage : 5V DC
* Voltage Range : 5-5.3V
* Rated Current : 20A
* 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 : < 1.5Sec
* Hold up time : 10ms @230V AC

ENVIRONMENT

* Operating temperature 0 to 50⁰ C.
* Humidity : < 95% Rh
* 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. 195W X 130D X 95H mm
- * Cooling type : Fan cooled
- * Weight : approx. 1.4 Kgs

OPTIONAL

- * Redundancy by external diode.
- * Potential Free Contact - Alarm contact
- * Programmable by external signal - voltage & current
- * Remote ON/OFF
- * With Digital Voltmeter & Currentmeter