

SPECIFICATION SHEET

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SWITCH MODE POWER SUPPLY

MODEL : PS1202A

INPUT

* I/P : 230V AC, 1-Ph
* Frequency : 47-63Hz
* Range : 180-270V AC
* Fuse Protection. : Yes
* Soft Start : Yes
* AC current : 1.5A@230V AC

OUTPUT

* Nominal Voltage : 12V DC
* Voltage Range : 12-15V
* Rated Current : 2A
* 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 : <1sec
* Hold up time : 15ms@230V AC

ENVIRONMENTAL

* 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

MECHANICAL

- * Dimension : 115 X 80 X 45H mm - with box
100 X 60 X 35H mm - open type
- * Cooling type : Natural
- * Weight : 0.3Kg