

SPECIFICATION SHEET

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SWITCH MODE POWER SUPPLY

MODEL : PS2420A

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 : 24V DC
- * Voltage Range : 24-28V
- * 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 : <1.7sec
- * Hold up time : 20ms

ENVIRONMENTAL

- * Operating temperature 0 to 50⁰ 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 195D 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 & Currenmeter
- * Over Temperature Protection.