

AC TO DC POWER SUPPLIE

SPECIFICATION

MODEL	PS2430A
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	
Leakage Current	<5mA@230V AC
OUTPUT	
Nominal Voltage	24V DC
Voltage Range	22-26V
Rated Current	30A
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	2.8sec
Hold up time	20ms@230V AC
Transient response	--
ENVIRONMENTAL	
Operating temperature upto 50 ⁰ C.	
Humidity	< 95% Rh
IP 21 Protection	
GENERAL	
Isolation	Input to Output – 1.5KV Input to Earth – 1.5KV Output to Earth- 500V
MTBF	50K Hrs to MIL
Efficiency	80%
INDICATIONS LED	a) Input OK b) Output OK c) Output OVP d) O/T

MECHANICAL

Dimension	235W X 195D X 100H mm
Cooling type	Fan cooled – exhaust ??
Weight	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