

Enclosed Switching Power Supply

50W Single Output

SPS - 50 series

Feature:

- * Light weight , Compact size
- * AC input range Selected by Switch
- * Protections : Over load
- * Short circuit shutdown and auto recovery
- * Cooling by free air convection
- * Output voltage +/- 10% adjustment
- * Low ripple noise
- * LED indicator for power on
- * 100% full load burn-in test



Specification					
MODEL NO.		SPS-50-5	SPS-50-12	SPS-50-15	SPS-50-24
OUTPUT	DC Voltage	5 V	12 V	15 V	24 V
	Min. Current	0 A			
	Max. Current	10A	4.2A	3.4A	2.1A
	Max. Wattage	50W	50.4W	51W	50.4W
	Ripple & Noise (max)	75mV p-p	100mV p-p	100mV p-p	100mV p-p
	Voltage ADJ.Range	4.75 ~ 5.5V	10.8 ~ 13.2V	13.5 ~ 16.5V	21.6 ~ 26.4V
	Load Regulation	± 1%	± 1%	± 1%	± 1%
	Efficiency	71%	73%	78%	82%
	Setup time	200mS			
	Rise time	100mS			
	Hold up time	20mS @ 230VAC			
INPUT	Voltage	95 ~ 132VAC / 180 ~ 264VAC selected by switch			
	Frequency	47 ~ 63Hz			
	AC Current	1.5A / 115VAC , 0.65A / 230VAC			
	Inrush Current	18A / 115VAC , 36A / 230VAC			
	Leakage current	< 1mA / 240VAC			
PROTECTION	Over load	105 ~ 150% of rate load			
		TYPE : fold back current limiting, RESET : auto recovery			
ENVIRONMENT	Working Temp.	- 10 ~ + 50			
	Storage Temp.	- 20 ~ + 85			
WITHSTAND VOLTAGE	I/P-O/P :1.5KVAC , I/P-FG : 1.5KVAC , O/P-FG : 0.5KVAC				
ISOLATION RESISTANCE	I/P-O/P , I/P-FG , O/P-FG : 100M Ohms / 500VDC				
DIMENSION	161.5 x 98 x 38 mm (L x W x H)				
PACKING	0.5Kgs / pcs , 24pcs / 12Kgs / 1CUFT				