

Enclosed Switching Power Supply

100W Single Output

SPS - 100 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-100-5	SPS-100-7.5	SPS-100-12	SPS-100-15	SPS-100-24	
OUTPUT	DC Voltage	5V	7.5V	12V	15V	24V
	Min. Current	0A				
	Max. Current	20A	13.5A	8.5A	6.7A	4.5A
	Max. Wattage	100W	101W	102W	100.5W	108W
	Ripple & Noise(max)	100mV p-p	1250mV p-p	125mV p-p	125mV p-p	150mV p-p
	Voltage ADJ.Range	4.75 ~ 5.5V	7 ~ 8.2V	10.5 ~ 13.2V	13.5 ~ 16.5V	21.5 ~ 26.4V
	Load Regulation	± 1%	± 1%	± 1%	± 1%	± 1%
	Efficiency	76%	78%	80%	81%	83%
	Setup time	1000mS				
	Rise time	50mS				
	Hold up time	20mS @ 230VAC				
INPUT	Voltage	95 ~ 132VAC / 180 ~ 264VAC selected by switch				
	Frequency	47 ~ 63Hz				
	AC Current	2.4A / 115VAC , 1.2A / 230VAC				
	Inrush Current	30A / 115VAC , 60A / 230VAC				
	Leakage current	< 1mA / 240VAC				
PROTECTION	Over load	105 ~ 150% of rate load				
		TYPE : fold back current limiting, RESET : auto recovery				
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		201.5 x 98 x 38 mm (L x W x H)				
PACKING		0.65Kgs / pcs , 20pcs / 13Kgs / 1CUFT				