

Enclosed Switching Power Supply

350W Singl Output

SPS - 350 series

Feature:

- * Light weight , Compact size
- * AC input range Selected by Switch
- * Protections : Over load / Over voltage / Over temp
- * Short circuit shutdown and auto recovery
- * Forced air cooling by built-in DC ball bearing FAN
- * Cooling FAN auto sensing ON / OFF
- * Output voltage +/- 10% adjustment
- * Low ripple noise
- * LED indicator for power on
- * 100% full load burn-in test



Specification

MODEL NO.		SPS-350-5	SPS-350-7.5	SPS-350-12	SPS-350-13.5	SPS-350-15	SPS-350-24	SPS-350-27	SPS-350-48	
OUTPUT	DC Voltage	5V	7.5V	12V	13.5V	15V	24V	27V	48V	
	Min. Current	0A								
	Max. Current	50A	40A	29A	25.8A	23.2A	14.6A	13A	7.3A	
	Max. Wattage	250W	3000W	348W	3483W	348W	350.4W	351W	350.4W	
	Ripple & Noise (max)	150mVp-p	150mVp-p	180mVp-p	180mVp-p	180mVp-p	250mVp-p	250mVp-p	250mVp-p	
	Voltage ADJ.Range	4.5V~5.5V	6.5V~8.5V	10V~13.2V	12V~14.8V	13.5V~18V	21V~26.4V	25V~32V	41V~56V	
	Load Regulation	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	
	Efficiency	72 %	75 %	77 %	79 %	78 %	81 %	82 %	83 %	
	Setup time	200mS								
	Rise time	50mS								
	Hold up time	20mS @ 230VAC								
INPUT	Voltage	95 ~ 132VAC / 180 ~ 264VAC selected by switch								
	Frequency	47 ~ 63H								
	AC Current	6.5A / 115VAC , 4A / 230VAC								

	Inrush Current	25A / 115VAC , 50A / 230VAC							
	Leakage current	<3.5mA / 240VAC							
PROTECTION	Over load	105 ~ 135% of rate load							
		TYPE : fold back current limiting, RESET : auto recovery							
	Over Voltage	5.75V~6.7 5V	9.5V~10. 5V	13.8V~15V	15.5V~16.5 V	19V~20.5 V	29V~30V	35.5V~36 .2V	59.5V~62.2V
		TYPE : fold back current limiting, RESET : auto recovery							
Over Temperature	RTH >55 fan on. < 45 fan off, > 80 output shut-down (5 ~ 7.5V)								
	RTH >65 fan on. < 55 FAN OFF , > 80 output shut-down (12 ~ 15V)								
	RTH >70 fan on. < 60 FAN OFF , > 85 output shut-down (24 ~ 48V)								
ENVIRONMENT	Working Temp.	- 10 ~ + 50 , 20 ~ 90% RH							
	Storage Temp.	- 20 ~ + 85 , 10 ~ 95% RH							
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		230 x 115 x 50 mm (L x W x H)							
PACKING		1.15Kgs / pcs , 12pcs / 15Kgs / 1CUFT							