



SUNPOWER TECHNOLOGY CORP.
16F-1, No.150, Jian Yi Rd., Chung Ho City, Taipei Hsien, Taiwan, R.O.C.
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SPS-375 Series

375W, Single Output



212 x 115 x 50 mm
8.35 x 4.53 x 1.97 inch



Features:

- * AC input 90V ~ 132V or 180V ~264V selected by switch
- * Built-in EMI filter, low ripple noise
- * Over load, over voltage, short circuit protection
- * Over temperature protection (Option)
- * Output voltage $\pm 10\%$ adjustment
- * Cooling fan auto sensing ON/OFF
- * Non min load requirement
- * 100% 50°C burn-in test
- * Meet UL, cUL, TUV ,CB, CE standard
- * 1 years warranty

Specification:

INPUT	Voltage	AC 90V ~ 132V or 180V ~264V selected by SW			
	Frequency	47 ---- 63 Hz			
	Current	<7.3A @ 115V / <4.2A @ 230V AC input, full load condition			
	Inrush Current	<40A @115V / <80A@230V AC input, full load condition. Cold start at 25℃ ambient			
	Leakage Current	<2.0mA@264V AC input			
OUTPUT	MODEL	SPS-375-05	SPS-375-7.5	SPS-375-12	SPS-375-15
	Voltage	5V	7.5V	12V	15V
	Max. Load	52A	42A	31A	25A
	Regulation	±2%	±2%	±1%	±1%
	Ripple Noise (MAX.)	70mV	80mV	100mV	120mV
	Efficiency (TYP.)	73%	74%	76%	78%
	Max Power	260W	315W	372W	375W
	MODEL	SPS-375-24	SPS-375-30	SPS-375-48	
	Voltage	24V	30V	48V	
	Max. Load	15.6A	12.5A	7.8A	
	Regulation	±1%	±1%	±1%	
	Ripple Noise (MAX.)	150mV	200mV	250mV	
	Efficiency (TYP.)	81%	82%	83%	
	Max Power	374.4W	375W	374.4W	
PROTECTION	Over Voltage Protection	5V : 5.8~7.0V	7.5V : 8.6~10.5V	12V : 13.8~17.5V	15V : 17.3~21.0V
		24V : 27.6~33.6V	30V : 34.5~42V	48V : 55.2~67.2V	
	Over Load Protection	Over 105% ~ 150% of rating, shutdown. Auto recovery when fault condition been removed.			
	Over Temp. Protection	Option. When the power supply temperature over 95℃, the power supply will shut down.			
	Short Circuit Protection	Shutdown, recovers automatically after fault condition removed.			
OTHERS	Rise time	<30mS			
	Hold up time	>20mS@230V			
	Remote Control	----			
	Cooling	Built-in a DC ball bearing Fan, auto working when internal temperature reach 35℃±4℃			
Environment	Temperature	Operating: -10~70℃; De-rating: 50℃ ~70℃ : 2.5%/℃. Storage: -10~+75℃			
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)			
M.T.B.F.	212.3K hours				
SAFETY	UL 60950 3 rd , CSA C22.2 No.60950 3 rd , TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 standard. CCC GB 4943(2001) standard.				
EMC	EMI Standard	EN 55022 CLASS B : EN 61000-3-2,3、FCC CFR 47 PART 15 CLASS B、CNS 13438 CLASS B.			
	EMS Standard	EN 55024 : EN 61000-4-2,3,4,5,6,8,11.			



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Dimension:

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