



SUNPOWER TECHNOLOGY CORP.
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159 x 95 x 38 mm
 6.26 x 3.74 x 1.50 inch



SPS-060/SPS-070 Series

SPS-060P/SPS-070P Series

60W~72W Single Output

Power Factor Correction (Option)

Features:

- * Power ON with LED indicator
- * PFC function optional
- * Built-in EMI filter, low ripple noise
- * Over load, over voltage, short circuit protection
- * Non min load requirement
- * Output voltage $\pm 10\%$ adjustment
- * 100% 50 burn-in test
- * UL, cUL, TUV, CB, CE certified (TUV only for SPS-060/070P ser.)
- * 3 years warranty

Specification:

INPUT	Voltage	85~264 VAC or 120~375VDC Universal full range					
	Frequency	47 ---- 63 Hz					
	Current	1.8A max at 100V AC input.					
	Inrush Current	<30A@115V / <60A@230V AC input.					
	Leakage Current	<1.5mA@264V AC input					
	P.F.C. function	Meet IEC 1000-3-2 class A standard. (SPS-060P & SPS-070P SER.)					
OUTPUT	MODEL	SPS-060-3.3 SPS-060P3.3	SPS-060-05 SPS-060P05	SPS-070-12 SPS-070P12	SPS-070-15 SPS-070P15	SPS-070-24 SPS-070P24	SPS-070-48 SPS-070P48
	Voltage	3.3V	5V	12V	15V	24V	48V
	Max. Load	15A	12A	6.0A	4.8A	3.0A	1.5A
	Regulation	$\pm 3\%$	$\pm 2\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
	Ripple Noise (MAX.)	50mV	50mV	120mV	150mV	150mV	150mV
	Efficiency (TYP.)	68%	73%	78%	78%	80%	83%
	Max Power	50W	60W	72W	72W	72W	72W
PROTECTION	Over Voltage	3.8~4.6V	5.8~7.0V	13.8~17.5V	17.3~21.0V	27.6~33.6V	55.2~67.2V
	Over Load	Over 105% ~ 180% of rating, recovers automatically after fault condition has been removed.					
	Short Circuit	Shutdown, recovers automatically after fault condition has been removed.					
OTHERS	Rise time	<20mS					
	Hold up time	>16.7mS@115V; >60mS@230V					
	Setup time	<3Sec @115V, <1Sec @230V					
	Cooling	Natural Cooling					
Environment	Temperature	Operating: -10~70 ; De-rating: 42 ~70 : 2.0%/ . Storage: -10~+75					
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)					
M.T.B.F.	SPS-060 / SPS-070 Series: 300K hours; SPS-060P / SPS-070P Series: 290K hours						
SAFETY	UL 1950 3 rd , CSA C22.2 No.950-95, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC) 207/94 approved.						
EMC	EMI Standard	EN 55022 CLASS B, 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.					
PACKING	N.W.: 0.6Kg / 1pc; 30pcs / 1.20Cu ft ³ / 1 CTN						

