

**SUNPOWER TECHNOLOGY CORP.**

16F-1, No.150, Jian Yi Rd., Chung Ho City, Taipei Hsien, Taiwan, R.O.C.

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SPD-A60 Series

Adapter Power Supply 60W, Single Output



59.5 x 119.5 x 36.5mm

2.34 x 4.7 x 1.44inch

UL CB CE (pending)

Features:

- * Over load, over voltage & short circuit protection
- * Built in EMI filter, low ripple noise
- * Built-in long life ball bearing fan
- * 100% 50°C burn-in test.
- * With LED indicator
- * Meet EMI EN55022、EMS EN55024、LVD standard
- * UL, cUL, CB, CE pending
- * 1 years warranty

Specification:

INPUT	Voltage	AC 90V --- 264V, Universal full range.			
	Frequency	47 ----- 63 Hz			
	Current	1.6A max@100V AC input, full load condition			
	Inrush Current	<30A@115V / <60A@230V AC input, full load condition. Cold start at 25°C ambient			
	Leakage Current	<1.5mA@264V AC input			
OUTPUT	Model No.	SPD-A60-05	SPD-A60-7.5	SPD-A60-09	SPD-A60-12
	Voltage	5V	7.5V	9V	12V
	Min. Load	0A			
	Max. Load	8.0A	6.0A	5.6A	5.0A
	Regulation	±5%	±5%	±5%	±3%
	Ripple Noise(MAX.)	70mV	90mV	100mV	120mV
	OVP	5.8V~7.0V	8.6V~10.5V	10.35V~12.6V	13.8V~17.5V
	Efficiency (MIN.)	70%	72%	74%	76%
	Max Power	40W	45W	50W	60W
	Model No.	SPD-A60-15	SPD-A60-19	SPD-A60-24	SPD-A60-48
	Voltage	15V	19V	24V	48V
	Min. Load	0A			
	Max. Load	4.0A	3.2A	2.5A	1.3A
	Regulation	±3%	±3%	±3%	±3%
	Ripple Noise(MAX.)	150mV	200mV	200mV	400mV
	OVP	17.3V~21V	21.85V~26.6V	27.6V~33.6V	55.2V~67.2V
	Efficiency (MIN.)	76%	80%	80%	80%
	Max Power	60W	60W	60W	60W
PROTECTION	Over Load Protection	Over 105% ~ 150% of rating, shutdown and auto-recovery when short circuit condition has removed.			
	Short Circuit Protection	Shutdown and auto-recovery after fault condition has been removed.			
OTHERS	Rise time	<20mS			
	Hold up time	>20mS@230V			
	Cooling	Natural cooling			
Environment	Temperature	Operating: 0~55°C; De-rating: 40°C ~55°C : 2.5%/°C. Storage: -10~+75°C			
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)			
M.T.B.F.		387K hours			
SAFETY		UL 60950 3 rd , CSA C22.2 No.60950 3 rd , TUV EN 60950-1 st , IEC 60950-1 st , EMKO-TSE (74-SEC)207/94, CCC GB 4943(2001) standard.			
EMC	EMI	FCC CFR PART 15 CLASS B、EN 55022 CLASS B : EN 61000-3-2,3、CNS 13438 CLASS B			
	EMS	EN 55024 : EN 61000-4-2,3,4,5,6,8,11			
PACKING		N.W.: --kg/1pc; 72PCs/ 2.02 Cuft3/1ctn			

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