



SUNPOWER TECHNOLOGY CORP.
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SPS-060D Series

SPS-060PD Series



159 x 95 x 38 mm
 6.26 x 3.74 x 1.50 inch

60W, Dual Output
Power Factor Correction (Option)



Features:

- * Power ON with LED indicator
- * Built in EMI filter, low ripple noise
- * Over load, over voltage, short circuit protection and Auto recovery
- * 100% 50°C burn-in test
- * UL, cUL, TUV, CB, CE approved
- * 3 years warranty

Specification:

INPUT	Voltage	Universal full range 85V~264V AC or 120V~375V DC.							
	Frequency	47 ----- 63 Hz or DC input.							
	Current	1.8A max@100V AC input.							
	Inrush Current	<30A@115V / <60A@230V AC input.							
	Leakage Current	<1.5mA@264V AC input							
OUTPUT	MODEL	SPS-060D1/ SPS-060PD1		SPS-060D2/ SPS-060PD2		SPS-060D3/ SPS-060PD3		SPS-060D4/ SPS-060PD4	
	Output	V1	V2	V1	V2	V1	V2	V1	V2
	Voltage	+5V	+12V	+5V	+24V	+12V	-12V	+15V	-15V
	Min. Load	0.3A	0.1A	0.3A	0.1A	0.3A	0.1A	0.3A	0.1A
	Max. Load	8A	4A	6A	2.2A	3.43A	3.43A	2.75A	2.75A
	Regulation	±3%	±5%	±3%	±5%	±2%	±5%	±2%	±5%
	Ripple Noise (MAX.)	50mV	120mV	50mV	240mV	120mV	120mV	150mV	150mV
	Efficiency (TYP.)	75%							
PROTECTION	Over Voltage Protection	+5.8~7.0V	----	+5.8~7.0V	----	+13.8~17.5V	---	+17.3~21.0V	---
	Over Load Protection	Over 105% ~ 180% of rating, shutdown and recovers automatically after fault condition has been removed.							
	Short Circuit Protection	Shutdown, recovers automatically after fault condition has been removed.							
OTHERS	Rise time	<20mS							
	Hold up time	>16.7mS@115V, >80mS@230V.							
	Setup time	<3Sec @115V/60Hz; <1Sec @230V/50Hz							
	Cooling	Natural Cooling							
Environment	Temperature	Operating: -10~70°C; De-rating: 42°C ~70°C : 2.0%/°C. Storage: -10~+75°C							
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)							
M.T.B.F.	290K hours								
SAFETY	UL 1950 3 rd , CSA C22.2 No. 950-95 3 rd , TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 approved								
EMC	EMI	EN 55022 CLASS B : EN 61000-3-2,3 · FCC CFR 47 PART 15 CLASS B · CNS 13438 CALSS B. (EN 61000-3-2,3only for SPS-060PD series).							
	EMS	EN 55024 : EN 61000-4-2,3,4,5,6,8,11							

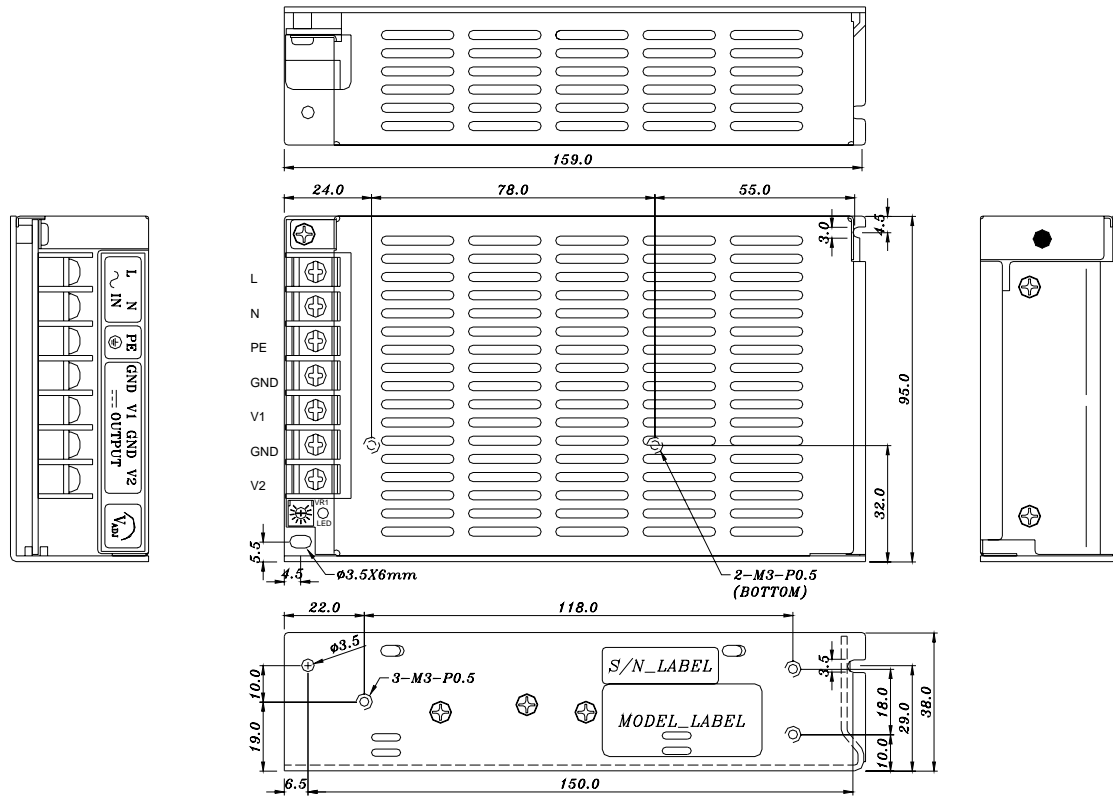


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Dimension:

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- NOTES:
 1. MATERIAL : COVER 0.6mm SPCC.
 CHASSIS 1.6mm NATURAL
 ALUMINIUM.
 2. TERMINAL BLOCK : 7P, PITCH 9.5 mm. (STANDARD)

* Terminal block with pc cover optional, show as below:

