



SUNPOWER TECHNOLOGY CORP.
 33485 WESTERN AVE. UNION CITY, CA 94587, UNITED STATES.
 TEL: 510.489.5088 FAX: 510.489.8966
 http://www.sunpower-usa.com
 E-mail: sales@sunpower-usa.com

SPS-060PT Series

60W, Triple Output,
 With Power Factor Correction



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



Features:

Power ON with LED indicator
Built-in EMI filter, low ripple noise
PFC function optional
Over load, over voltage protection
Short circuit shutdown and Auto recovery
100% 50 burn-in test.
UL, cUL, TUV, CB, CE approved
3 year warranty

Specification:

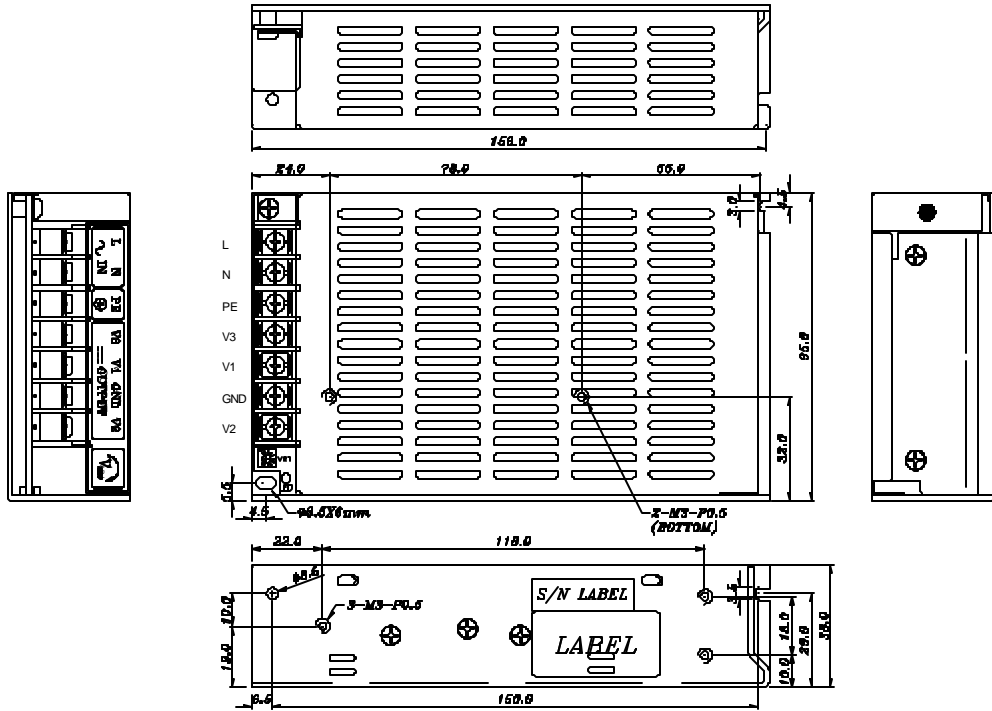
INPUT	Voltage	85~264V AC or 120~375VDC, universal full range.											
	Frequency	47~63Hz											
	Current	<1.8A@100V AC input, full load condition.											
	Inrush current	<30A@115V AC / <60A@230V AC, full load condition. Cold start at 25 ambient.											
	Leakage current	<1.5mA@264V AC											
OUTPUT	MODEL NO.	SPS-060PT1			SPS-060PT2			SPS-060PT3			SPS-060PT4		
	OUTPUT	V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3
	VOLTAGE	+5 V	+12 V	-5 V	+5 V	+12 V	-12 V	+5 V	+15 V	-15 V	+5 V	+12 V	+24 V
	MIN. LOAD	0.3 A	0.1 A	0 A	0.3 A	0.1 A	0 A	0.3 A	0.1 A	0 A	0.3 A	0.1 A	0 A
	MAX. LOAD	8 A	3.5 A	1 A	7 A	3.5 A	1 A	7 A	3 A	1 A	6 A	1.5 A	1.2 A
	Regulation	±3 %	±5 %	±10 %	±3 %	±5 %	±10 %	±3 %	±5 %	±10 %	±3 %	±5 %	±10 %
	RIPPLE&NOISE(MAX.)	50 mV	120 mV	100 mV	50 mV	120 mV	150 mV	50 mV	150 mV	200 mV	50 mV	120 mV	200 mV
	EFFICIENCY(TYP.)	74%											
PROTECTION	Over Voltage Protection	+5.8V +7.0V	---	---	+5.8V +7.0V	---	---	+5.8V +7.0V	---	---	+5.8V +7.0V	---	---
	Over Load Protection	Over 105% ~ 180% of rating, shutdown and recovers automatically after fault condition has been removed.											
	Short Circuit Protection	Shutdown and auto recovery when short circuit condition has been removed											
OTHERS	Rise time	<20mS											
	Hold up time	16.7mS@115VAC/60Hz, 80ms@230VAC/50Hz, AC off point at 0 degree											
	Setup time	3Sec@115VAC, 1Sec@230VAC											
	Cooling	Nature cooling											
Environment	Temperature	Operating: -10~70 ; De-rating: 42 ~70 : 2.0%/ . Storage: -10~+75											
	Humidity	Operation: 20% to 85% RH.(Non condensing); Storage: 10% to 95% RH.(Non condensing)											
M.T.B.F.	258K hours												
SAFETY	UL 1950 3 rd / CSA C22.2 NO.950-95 3 rd EDITION (1998) / TUV EN 60950 / IEC 60950 / EMKO-TSE (74-SEC) 207/94												
EMC	EMI	EN 55022 CLASS B EN 61000-3-2,3 FCC CFR 47 PART 15 CLASS B CNS 13438 CALSS B.											
	EMS	EN 55024 EN 61000-4-2,3,4,5,6,8,11											



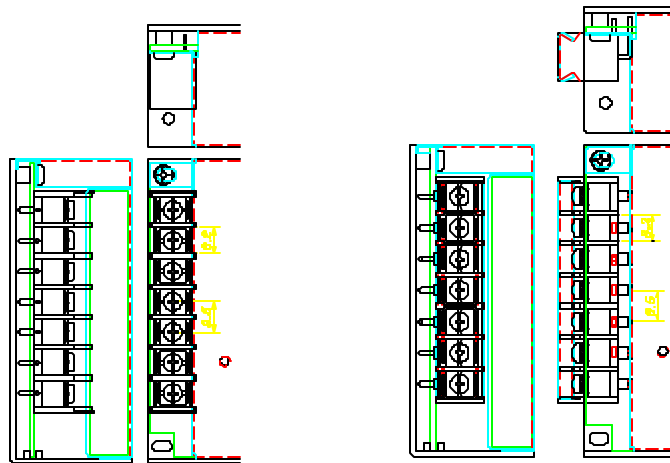
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Dimension:

SPS-060PT Series



Connector: 7p/9.5mm pitch terminal block (Right angle type optional)
 Terminal block with pc cover optional, show as below:



Type A: Straight pins with pc cover

Type B: Right angle pins with pc cover