



SUNPOWER TECHNOLOGY CORP.
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SPS-075 Series

75W, Single Output



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



Features:

Universal AC input / Full range
High operating temperature and low storage temperature
Non min. load requirement
Power ON with LED indicator
Over load, over voltage, short circuit protection, shutdown and Auto recovery
Built-in EMI filter, low ripple noise
100% 50 burn-in test
Meet UL, cUL, TUV, CB, CE standard
Meet EMI EN55022 & EMS EN55024 standard
1 years warranty

Specification:

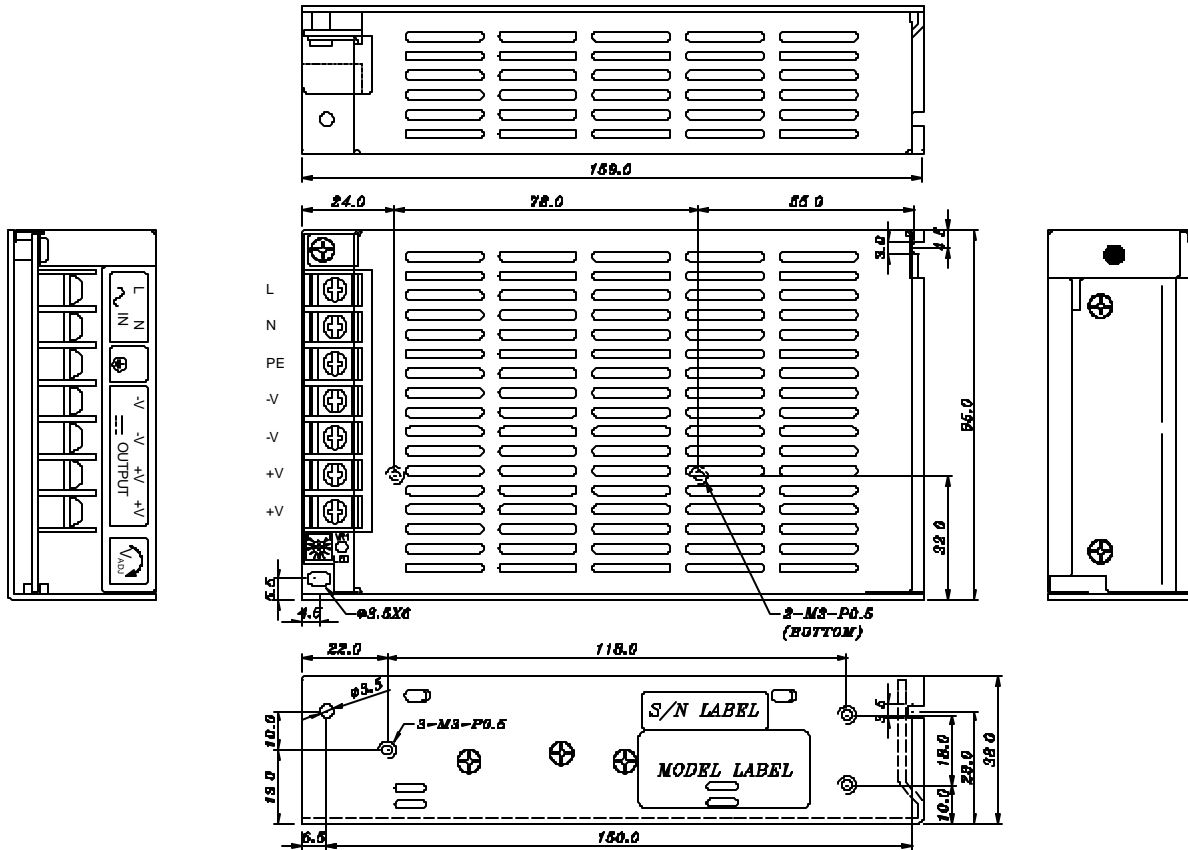
INPUT	Voltage	Universal full range 85 ~ 264 VAC or 120 ~ 375VDC.			
	Frequency	47 --- 63 Hz or DC input.			
	Current	<2A@100V AC input.			
	Inrush Current	<25A@115V / <50A@230V AC input.			
	Leakage Current	<2mA@240V AC input			
OUTPUT	MODEL	SPS-075-3.3	SPS-075-05	SPS-075-7.5	SPS-075-12
	Voltage	3.3V	5V	7.5V	12V
	Max. Load	18A	15A	10A	6.3A
	Regulation	±3%	±2%	±1%	
	Ripple Noise (MAX.)	50mV	70mV	100mV	120mV
	Efficiency (TYP.)	71%	76%	76%	81%
Max. Output	59.4W	75W		75.6W	
OUTPUT	MODEL	SPS-075-15	SPS-075-24	SPS-075-30	SPS-075-48
	Voltage	15V	24V	30V	48V
	Max. Load	5.0A	3.2A	2.5A	1.6A
	Regulation	±1%			
	Ripple Noise (MAX.)	150mV	240mV	300mV	480mV
	Efficiency (TYP.)	82%	85%	85%	86%
Max. Output	75W	76.8W	75W	76.8W	
PROTECTION	Over Voltage Protection	3.3V / +3.8 V ~4.6 V 15V / +17.3V ~ 21V	5V / +5.8 V ~7.0 V 24V / +27.6V ~ 33.6V	7.5V / +8.6V ~ 10.5V 28V / +34.5V ~ 42V	12V / +13.8V ~ 17.5 V 48V / +55.2V ~ 67.2V
	OverLoad Protection	Shutdown when load over 105% ~ 150% of rating, recovers automatically after fault condition has been removed.			
	Short Circuit Protection	Shutdown, recovers automatically after fault condition has been removed.			
OTHERS	Rise time	<50mS			
	Hold up time	>20mS@230V			
	Output Voltage Adjustment	10% of rated voltage			
	Cooling	Natural Cooling			
Environment	Temperature	Operating: -20~70 ; De-rating: 45 ~70 : 2.0%/ . Storage: -30~+75			
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)			
M.T.B.F.	265K hours				
SAFETY	UL 60950-1 st , CSA C22.2 No.60950-1 st , TUV EN 60950-1 st , IEC 60950-1 st , EMKO-TSE(74-SEC)207/94 standard.				
EMC	EMI	EN 55022 CLASS B FCC CFR 47 PART 15 CLASS B CNS 13438 CLASS B.			
	EMS	EN 55024 EN 61000-4-2,3,4,5,6,8,11.			



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Dimension:

SPS-075 Series



NOTES:

1. MATERIAL : COVER SPCC & CHASSIS NATURAL ALUMINIUM.
2. TERMINAL BLOCK : 7P, PITCH 9.5 mm. (STANDARD)
3. UNIT:mm