



SUNPOWER TECHNOLOGY CORP.
 16F-1, No.150, Jian Yi Rd., Chung Ho City, Taipei Hsien, Taiwan, R.O.C.
 TEL: 886-2-8226-3100 FAX: 886-2-8226-3111
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SPS-025 Series

25W, Single Output



79 x 50.8 x 28.5 mm
 3.1 x 2 x 1.12 inch



Features:

- * Ultra compact size, smaller than a pack of name card
- * Green-mode designing, meet IEA standard<0.75W (standby state)
- * 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
- * 2 years warranty

Specification:

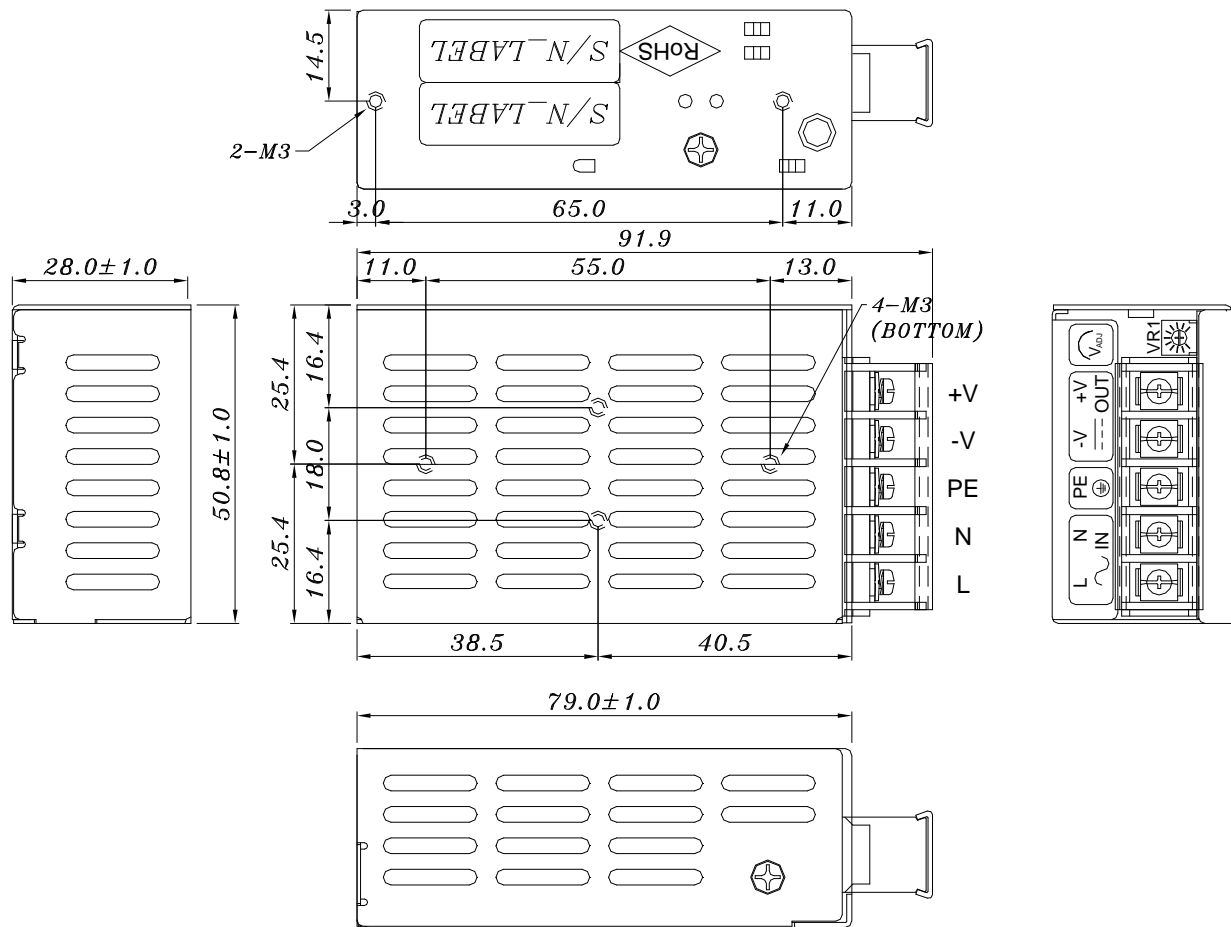
INPUT	Voltage	Universal full range 85V ~ 264VAC or 120V ~ 375VDC								
	Frequency	47 ---- 63 Hz								
	Current	0.8A max@100V AC input, full load condition.								
	Inrush Current	<30A@115V / <50A@230V AC input. full load condition. Cold start at 25 ambient								
	Leakage Current	<1.0mA@264V AC input								
OUTPUT	MODEL	SPS-025-3.3	SPS-025-05	SPS-025-7.5	SPS-025-12	SPS-025-15	SPS-025-24	SPS-025-30	SPS-025-48	
	Voltage	3.3V	5V	7.5V	12V	15V	24V	30V	48V	
	Max. Load	6.0A	5.0A	3.4A	2.1A	1.7A	1.1A	0.9A	0.57A	
	Regulation	$\pm 3\%$	$\pm 2\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	
	Ripple Noise (MAX.)	50mV	50mV	50mV	100mV	100mV	100mV	100mV	100mV	
	Efficiency (TYP.)	71%	75%	79%	82%	82%	85%	85%	85%	
	MAX output	20W	25W	25W	25W	25W	27W	27W	27W	
PROTECTION	Over Voltage	3.8V~4.6V	5.8V~7.0V	8.6V~10.5V	13.8V~17.5V	17.3V~21.0V	27.6V~33.6V	34.5V~42.0V	55.2V~67.2V	
	Over Load	Over 105% ~ 200% 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	>40mS@230V								
	Setup time	<2.0S@115V; <0.8S@230V								
	Green Mode Function	When zero loading, the input dissipation is below 0.75W.								
Environment	Cooling	Natural Cooling								
	Temperature	Operating: -25~70 ; De-rating: -25 ~ -10 : 2.5%/ / 50 ~ 70 : 2.5%/ .Storage: -25 ~ 75								
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)								
M.T.B.F.		450K hours								
SAFETY		UL 60950 3 rd , CSA C22.2 No.60950 3 rd , TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 approved								
EMC	EMI Standards	EN 55022 CLASS B、FCC CFR 47 PART 15 CLASS B、CNS 13438 CLASS B.								
	EMS Standards	EN 55024 : EN 61000-4-2,3,4,5,6,8,11.								
Packing		N.W.:0.2Kg / 1pc; 100pcs/ 1.11 Cu ft ³ / 1 CTN								



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Dimension:

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NOTE :
 1. MATERIAL : COVER & CHASSIS S.P.C.C., NICKEL PLATED.
 2. TERMINAL BLOCK : 5P, PITCH 7.62 mm WITH PC COVER.
 3. UNIT : mm.