



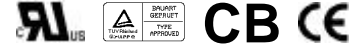
**SUNPOWER TECHNOLOGY CORP.**  
 16F-1, No.150, Jian Yi Rd., Chung Ho City, Taipei Hsien, Taiwan, R.O.C.  
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# SPS-035 Series

## 35W, Single Output



99 x 82 x 35 mm  
 3.9 x 3.23 x 1.38 inch



### Features:

- \* 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:

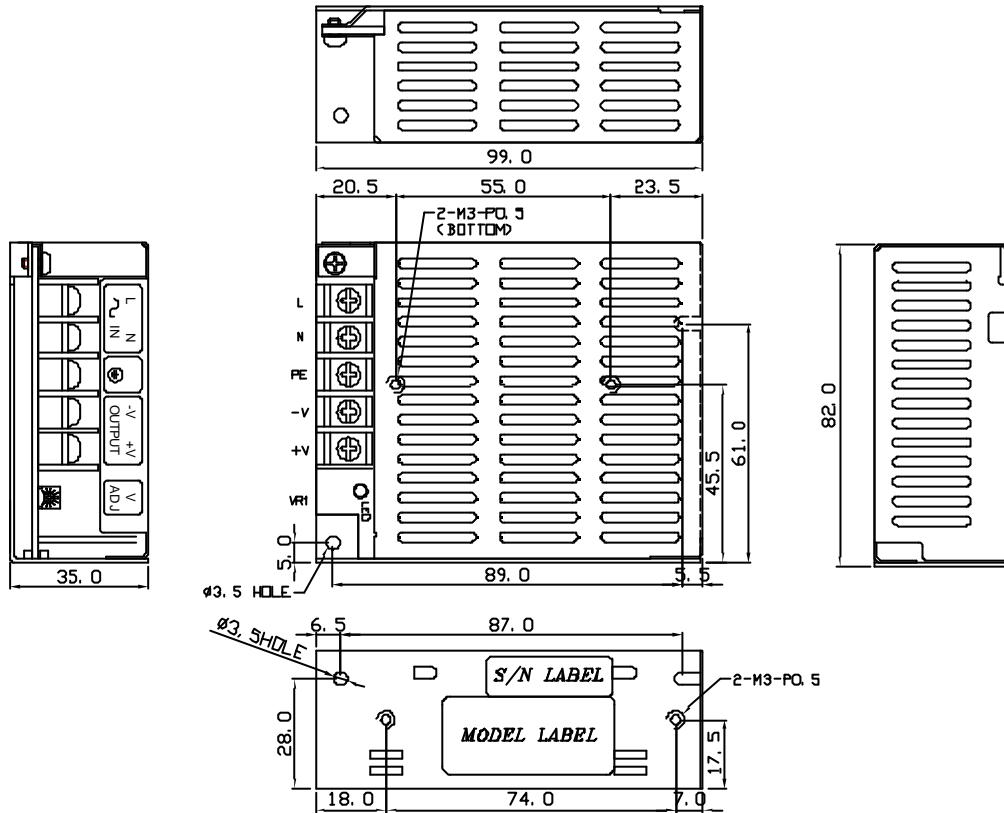
INPUT	Voltage	Universal full range 85~264VAC or 120~375VDC									
	Frequency	47 ----- 63 Hz									
	Current	1.0A max at 100V AC input, full load condition									
	Inrush Current	<30A@115V / <50A@230V AC input, full load condition. Cold start at 25 ambient									
	Leakage Current	<1.0mA@264V AC input									
OUTPUT	MODEL	SPS-035-3.3	SPS-035-05	SPS-035-7.5	SPS-035-12	SPS-035-15	SPS-035-18	SPS-035-24	SPS-035-24	SPS-035-48	
	Voltage	3.3V	5V	7.5V	12V	15V	18V	24V	28V	48V	
	Max. Load	9.0A	7.0A	4.7A	3.0A	2.4A	2.0A	1.5A	1.25A	0.75A	
	Regulation	$\pm 3\%$	$\pm 2\%$	$\pm 1\%$							
	Ripple Noise(MAX.)	50mV	50mV	70mV	100mV	100mV	150mV	150mV	200mV	250mV	
	Efficiency (TYP.)	68%	70%	74%	76%	76%	77%	78%	78%	80%	
	MAX Output	30W	35W	35W	35W	35W	35W	35W	35W	35W	
PROTECTION	Over Voltage	3.8~4.6V	5.8~7.0V	8.6~10.5V	13.8~17.5V	17.3~21V	20.7~25.2V	27.6~33.6V	32.2~39.2V	55.2~67.2V	
	Over Load	Over 105% ~ 180% 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									
	Cooling	Natural Cooling									
Environment	Temperature	Operating: 0~70 ; de-rating: 45 ~70 : 3%/ . Storage: -10~+75									
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)									
M.T.B.F.	313K hours										
SAFETY	UL 1950, CSA C22.2 No.950-95, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 approved.										
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.									
	EMS	EN 50082-1 (1997)									
Packing	N.W.: 0.35Kg / 1pc; 46pcs / 1.22 Cu ft <sup>3</sup> / 1 CTN										



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Dimension:

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NOTES:  
1. TERMINAL BLOCK : 5P, PITCH 9.5mm.(STANDARD)  
2. UNIT:mm.