



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
http://www.sunpower.com.tw
E-mail: sunpower@sunpower.com.tw

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)
- * Universal input 85~264 VAC or 120~375VDC
- * Built-in EMI filter, low ripple noise
- * Over load, over voltage, short circuit protection
- * Output voltage $\pm 10\%$ adjustment $\pm$
- * Non min load requirement
- * 100% 50 $^{\circ}$ C burn-in test
- * UL, cUL, TUV, ,CB, CE approved
- * 2 years warranty

Specification:

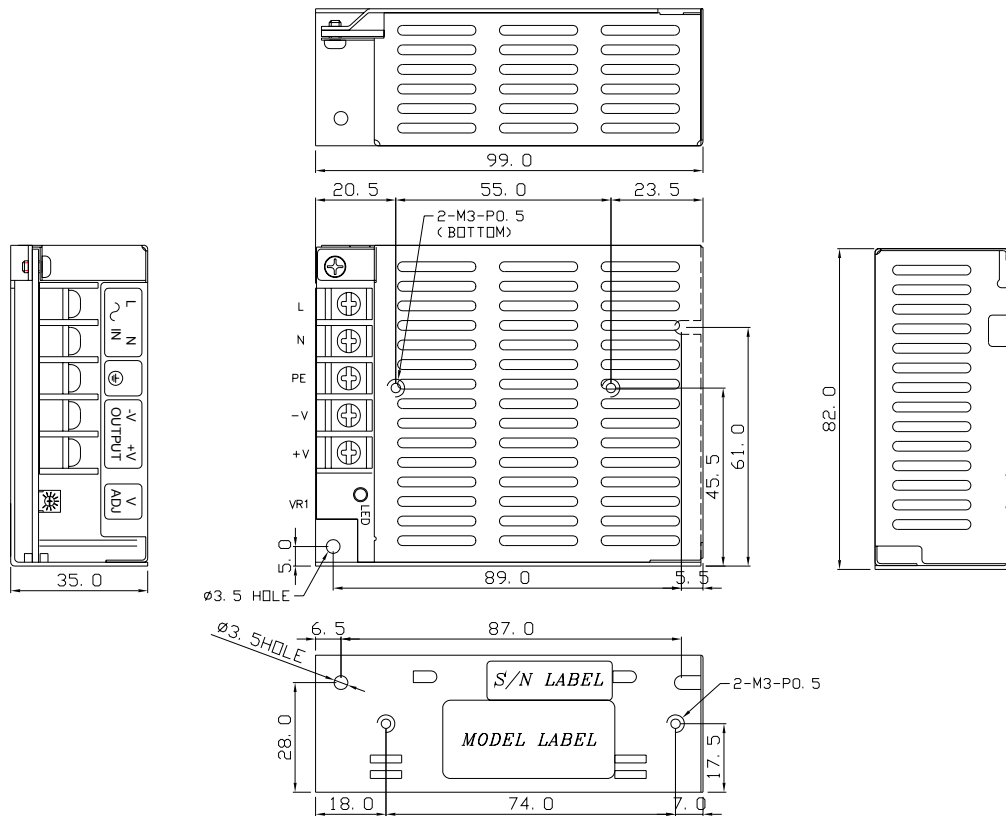
INPUT	Voltage	Universal input 85~264 VAC or 120~375 VDC								
	Frequency	47 ----- 63 Hz								
	Current	1.0A max at 100V AC input, full load condition								
	Inrush Current	<30A@115V / <50A@230V AC input, full load condition. Cold start at 25 $^{\circ}$ C ambient								
	Leakage Current	<1.0mA@264V AC input								
OUTPUT	MODEL	SPS-035-3.3	SPS-035-05	SPS-035-7.5	SPS-035-12	SPS-035-15	SPS-035-15	SPS-035-24	SPS-035-24	SPS-035-48
	Voltage	3.3V	5V	7.5V	12V	15V	18V	24V	28V	48V
	Min. Load	0A								
	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	Setup time	<2.0S @115V, <0.8S @230V								
	Rise time	<20mS								
	Hold up time	>40mS@230V								
	Cooling	Natural Cooling								
Environment	Temperature	Operating: 0~70 $^{\circ}$ C; derating: 45 $^{\circ}$ C ~70 $^{\circ}$ C : 3%/ $^{\circ}$ C. Storage: -10~+75 $^{\circ}$ C								
	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 ³ / 1 CTN								



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
<http://www.sunpower.com.tw>
 E-mail: sunpower@sunpower.com.tw

Dimension:

SPS-035 Series



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