



SUNPOWER TECHNOLOGY CORP.
16F-1, No.150, Jian Yi Rd., Chung Ho City, Taipei Hsien, Taiwan, R.O.C.
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SPS-S060 Series

(Original model No. is SPS-050 and SPS-060)

60W, Single Output



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



(48V output with CE mark only)

Features:

- * Light weight, compact size
- * Green-mode designing, meet IEA standard<0.75W (standby state)
- * Power ON with LED indicator
- * 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°C burn-in test
- * UL, cUL, TUV, CB, CE approved
- * 2 years warranty

Specification:

INPUT	Voltage	Universal input 85~264 VAC or 120~375VDC.					
	Frequency	47 ----- 63 Hz or DC input.					
	Current	<1.8A@100V AC input					
	Inrush Current	<30A@115V / <60A@230V AC input.					
	Leakage Current	<1.5mA@264V AC input.					
OUTPUT	MODEL	SPS-S060-05	SPS-S060-7.5	SPS-S060-12	SPS-S060-15	SPS-S060-24	SPS-S060-48
	Voltage	5V	7.5V	12V	15V	24V	48V
	Max. Load	10A	6.7A	5A	4A	2.5A	1.25A
	Regulation	±2%	±2%	±1%	±1%	±1%	±1%
	Ripple Noise (MAX.)	50mV	75mV	120mV	150mV	240mV	480mV
	Efficiency (MIN.)	74%	75%	77%	78%	80%	80%
	Output (MAX.)	50W			60W		
PROTECTION	Over Voltage Protection	5.8V~7.0V	8.6V~10.5V	13.8V~17.5V	17.3V~21.0V	27.6V~33.6V	55.2V~67.2V
	Over Load Protection	Shutdown when load over 105% ~ 180% 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	<20mS					
	Hold Up Time	>16.7mS@115V, >60mS@230V					
	Setup Time (MIN.)	800mS@115V, 300mS@230V, AC INPUT.					
	Green Mode Function	Input dissipation < 0.75W @ 0 loading					
	Cooling	Natural Cooling					
Environment	Temperature	Operating: -25~70℃; De-rating: -10℃ ~ -25℃: 3.0%/℃ / 45℃ ~ 70℃: 3.0%/℃. Storage: -25 ~ +75℃					
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)					
M.T.B.F.	435K hours						
SAFETY	SPS-S060-05. SPS-S060-7.5. SPS-S060-12. SPS-S060-15. SPS-S060-24: UL 60950-1 st , CSA C22.2 No.60950-1 st TUV EN 60950-1 : 2001 + A11 , IEC 60950-1 st , EMKO-TSE(74-SEC)207/94 approved.						
	SPS-S060-48: 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 Standard	EN 55022 CLASS B · FCC CFR 47 PART 15 CLASS B · CNS 13438 CLASS B.					
	EMS Standard	EN 55024 : EN 61000-4-2,3,4,5,6,8,11.					

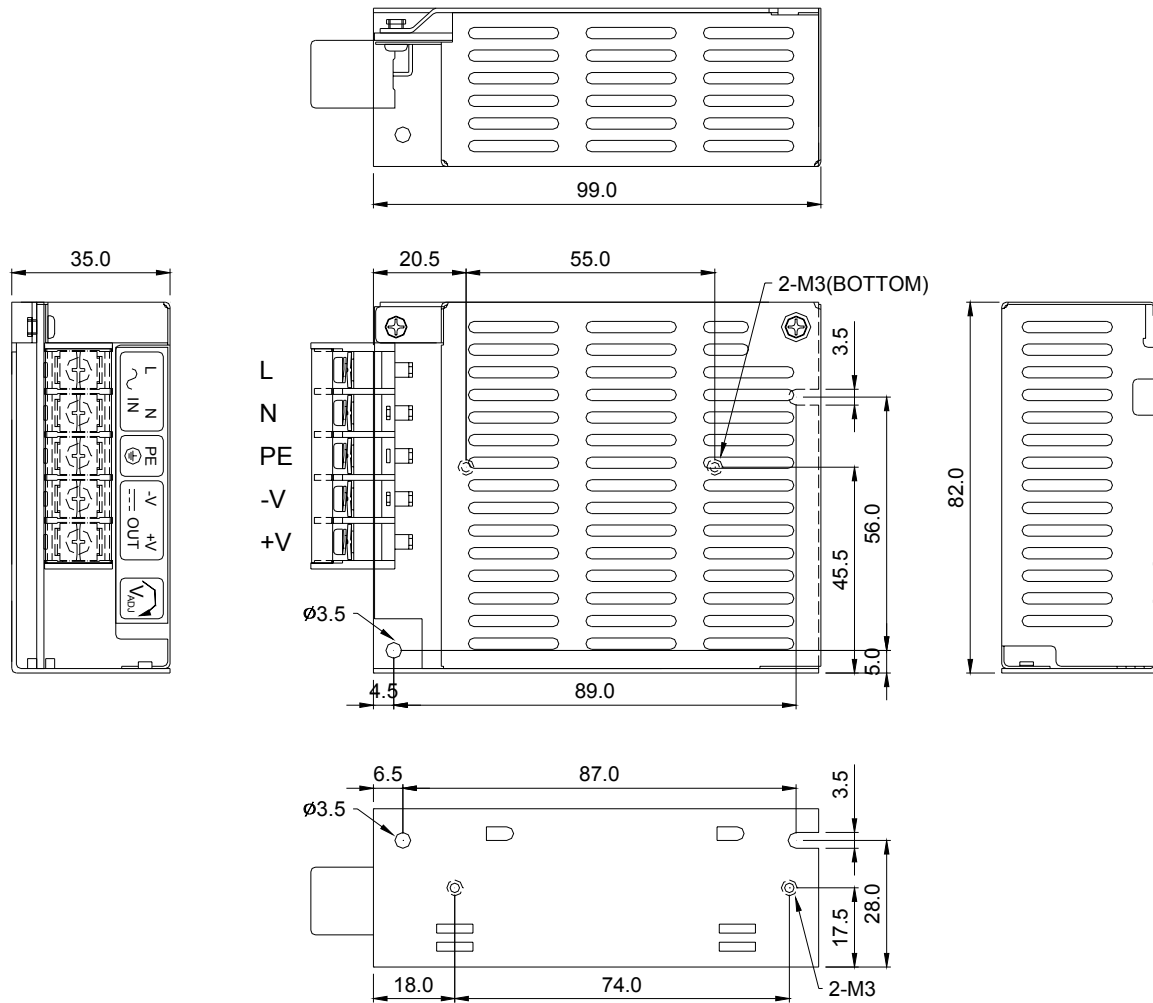


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Dimension:

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NOTES:

1. MATERIAL : COVER & CHASSIS S.P.C.C., NICKLE PLATED.
2. TERMINAL BLOCK : 5P, PITCH 9.5 mm WITH PC COVER.
3. UNIT:mm.