



SUNPOWER TECHNOLOGY CORP.
16F-1, No.150, Jian Yi Rd., Chung Ho City, Taipei Hsien, Taiwan, R.O.C.
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SPS-M060 Series

60W , Single Output

Power Supply For Medical



82 x 127 x 35 mm

3.23 x 5 x 1.38 inch



Features:

- * Green-mode designing, meet IEA standard<0.75W (standby state)
- * Power ON with LED indicator
- * Over load, over voltage and short circuit protection
- * Output voltage $\pm 10\%$ adjustment
- * Non min. load requirement
- * Meet UL, 2601-1 medical standard
- * 2 years warranty

Specification:

INPUT	Voltage	Universal input 85~264 VAC or 120~375VDC					
	AC Frequency	47 ----- 63 Hz					
	Current	1.8A max at 100V AC input, full load condition					
	Inrush Current	<30A@115V / <60A@230V AC input, full load condition. Cold start at 25°C ambient					
	Leakage Current	<0.5mA@264V AC input					
OUTPUT	MODEL	SPS-M060-05	SPS-M060-12	SPS-M060-15	SPS-M060-24	SPS-M060-30	SPS-M060-48
	Voltage	5 V	12 V	15 V	24 V	30 V	48 V
	Min. Load	0 A	0 A	0 A	0 A	0 A	0 A
	Max. Load	10 A	5.0 A	4.0 A	2.5 A	2.0 A	1.3 A
	Regulation	$\pm 2 \%$	$\pm 1 \%$	$\pm 1 \%$	$\pm 1 \%$	$\pm 1 \%$	$\pm 1 \%$
	Ripple Noise(MAX.)	50 mV	120 mV	150 mV	240 mV	300 mV	300 mV
	EFFICIENCY(MIN.)	74 %	77 %	78 %	80 %	80 %	80 %
	OUTPUT(MAX.)	50 W	60 W	60 W	60 W	60 W	60 W
PROTECTION	Over Load Protection	Over 105% ~ 180% of rating, recovers automatically after fault condition has been removed.					
	Over Voltage Protection	5.8V~7.0V	13.8V~17.5V	17.3~21.0V	27.6V~33.6V	34.5V~42.0V	55.2V~67.2V
	Short Circuit Protection	Shutdown, recovers automatically after fault condition has been removed.					
OTHERS	Setup time(TYP)	800mS @115V, 300mS @230V					
	Rise time	<20mS					
	Hold up time	>16.7mS@115V; >60mS@230V					
	Cooling	Natural Cooling					
Environment	Temperature	Operating: 0~70°C; Derating: 50°C ~70°C : 3.0%/°C. Storage: -10~+75°C (non condensing)					
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)					
M.T.B.F.		408K hours					
SAFETY		UL 2601-1 2 nd , CSA C22.2 No.601-101-94 3 rd , TUV EN 60601-1, IEC 60601-1-1 2 nd , VDE DIN-EN 60601-1-4(1999) pending.					
EMC	EMI	FCC CFR 47 CH.1 PART 18 CLASS B, EN 50081-1:1992, EN 55011, CNS 13438 CALSS B, ENV 50204(1995), EN60601-1-2(1997)					
	EMS	EN 50082-1 (1997)					
PACKING		N.W.: -- Kg / 1pc; 30pcs / 1.24 Cu ft ³ / 1 CTN					

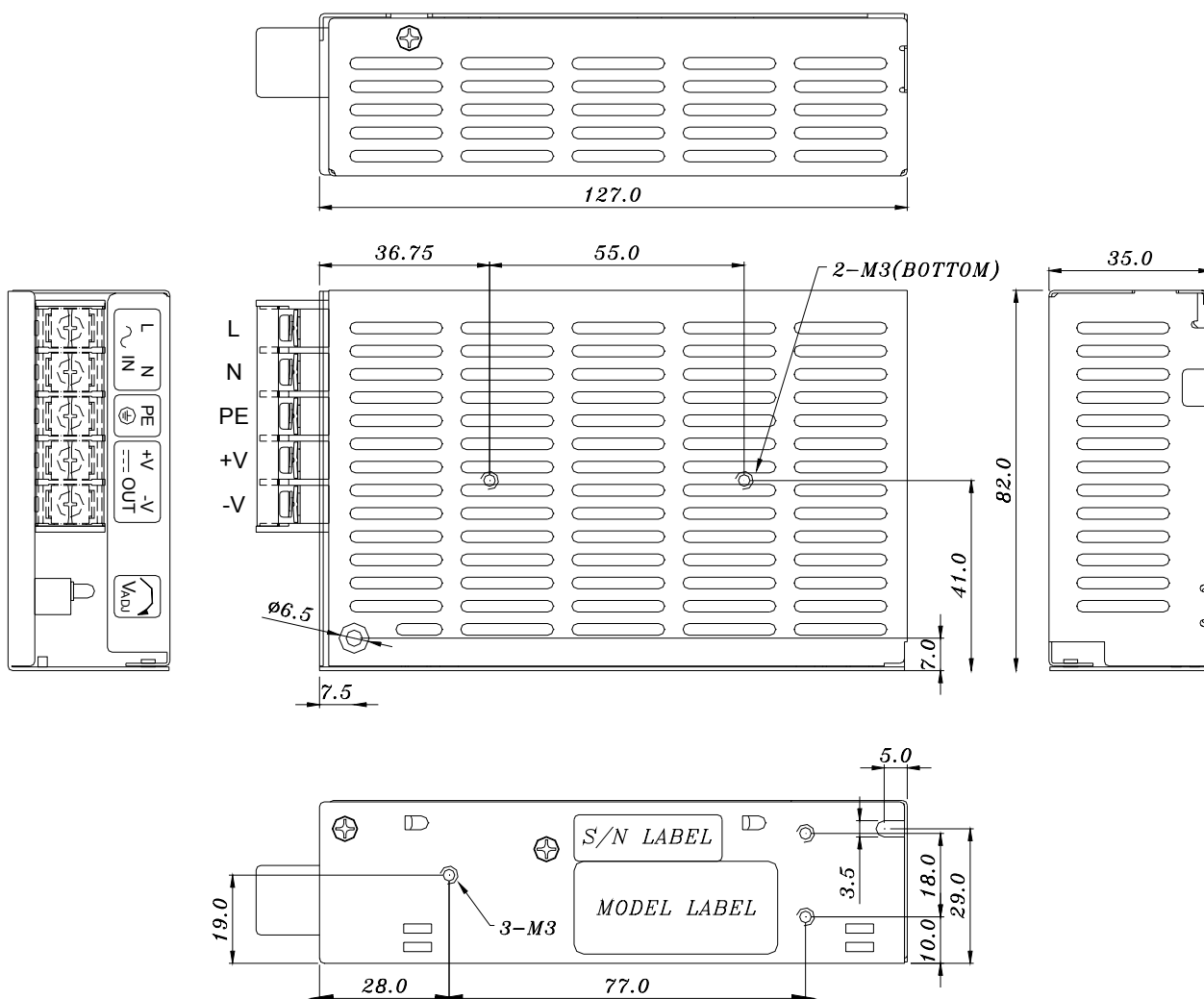
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SC-187ASH2_0.3