



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-220P Series

220W, Single Output

Active P.F.C



198 x 99 x 45 mm
7.80 x 3.90 x 1.78 inch



Features:

- * Power ON with LED indicator
- * Built in EMI filter, low ripple noise
- * Universal AC input with active power factor correction, P.F.>0.95
- * Over load, over voltage protection
- * Short circuit shutdown and Auto recovery
- * Output voltage $\pm 10\%$ adjustment
- * Over temperature protection(Optional)
- * Remote Control ON/OFF (Optional)
- * Non min. load requirement
- * 100% 50 burn-in test
- * Built-in long life ball bearing fan
- * UL, cUL, TUV, CB, CE approved
- * 3 years warranty

Specification:

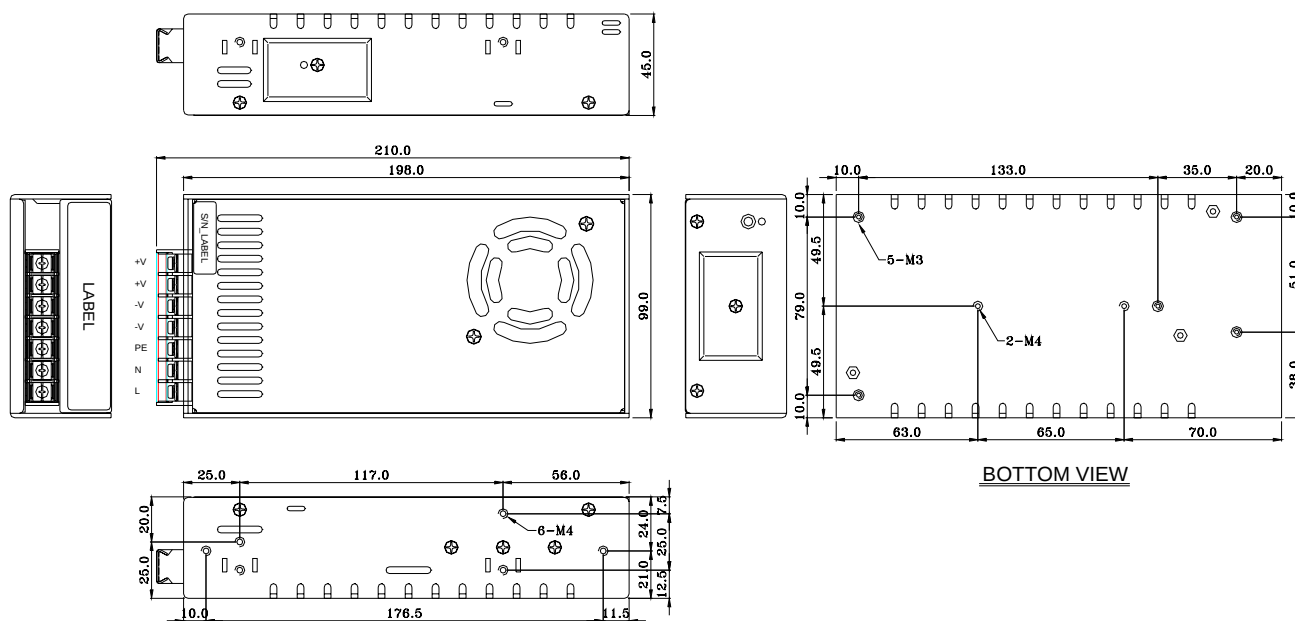
INPUT	Voltage	85 ~ 264V AC or 120V ~ 375V DC, universal full range							
	AC Frequency	47 ----- 63 Hz							
	Current	3.2A max at 100V AC input							
	Inrush Current	<40A@115V AC / <80A@230V AC input. Cold start at 25 ambient							
	Leakage Current	<1.5mA@264V AC input							
OUTPUT	MODEL	SPS-220P-3.3	SPS-220P-05	SPS-220P-7.5	SPS-220P-12	SPS-220P-15	SPS-220P-24	SPS-220P-27	SPS-220P-48
	Voltage	3.3V	5V	7.5V	12V	15V	24V	27V	48V
	Min. Load	0A							
	Max. Load	40A	40A	29.4A	18.4A	14.7A	9.2A	8.2A	4.6A
	Regulation	±3%	±2%		±1%				
	Ripple Noise (MAX.)	50mV	70mV	80mV	100mV	120mV	150mV	180mV	250mV
	Efficiency (TYP.)	69%	75%	77%	80%	80%	83%	84%	84%
	Over Voltage Protection	3.8~4.6V	5.8~7.0V	8.6~10.5V	13.8~17.5V	17.3~21V	27.6~33.6V	31.1~37.8V	55.2~67.2V
	MAX OUTPUT	132W	200W	220W					
PROTECTION	Over Load Protection	Over 105% ~ 180% of rating, recovers automatically after fault condition removed.							
	Over Voltage Protection	✓							
	Over Temperature Protection	Optional							
	Short Circuit Protection	Shutdown, recovers automatically after fault condition has been removed.							
OTHERS	Rise time	<20mS							
	Hold up time	>20mS@230V							
	Remote Control	Optional							
	Cooling	Built-in DC ball bearing fan.							
Environment	Temperature	Operating: -10~70 ; De-rating: 50 ~70 : 2.5%/ . Storage: -20~+75							
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)							
M.T.B.F.		205K hours							
SAFETY		UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 approved							
EMC	EMI	EN 55022 : EN 61000-3-2,3, FCC CFR 47 PART 15 CLASS B、 CNS 13438 CALSS B.							
	EMS	EN 55024 : EN 61000-4-2,3,4,5,6,7,8,11.							
PACKING		N.W.: 0.75Kq / 1pc; 18pcs / 1.22 Cu ft ³ / 1 CTN							



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Dimension:

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Terminal Block: 7P, Pitch 9.5mm with PC cover.

Remote control (option): JST S 2B-XH-A or equivalent