



SUNPOWER TECHNOLOGY CORP.
16F-1, No.150, Jian Yi Rd., Chung Ho City, Taipei Hsien, Taiwan, R.O.C.
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SPS-210 Series

210W, Single Output



212 x 115 x 50 mm
8.35 x 4.53 x 1.97 inch



Features:

- * AC input 90V ~ 132V or 175V ~264V selected by switch
- * Built-in EMI filter, low ripple noise
- * Over load, over voltage, short circuit protection
- * Over temperature protection (Option)
- * Output voltage $\pm 10\%$ adjustment
- * Non min load requirement
- * 100% 50°C burn-in test
- * Meet UL, cUL, TUV ,CB, CE standard
- * 1 years warranty

Specification:

INPUT	Voltage	AC 90V ~ 132V or 175V ~264V selected by SW			
	Frequency	47 ---- 63 Hz			
	Current	<3.9A @ 115V / <2.3A @ 230V AC input, full load condition			
	Inrush Current	<25A @115V / <50A@230V AC input, full load condition. Cold start at 25℃ ambient			
	Leakage Current	<2.0mA@264V AC input			
OUTPUT	MODEL	SPS-210-05	SPS-210-7.5	SPS-210-12	SPS-210-15
	Voltage	5V	7.5V	12V	15V
	Min. Load	0A			
	Max. Load	40A	28A	17.5A	14A
	Regulation	±2%	±2%	±1%	±1%
	Ripple Noise (MAX.)	80mV	80mV	120mV	120mV
	Efficiency (TYP.)	74%	79%	80%	81%
	Max Power	200W	210W	210W	210W
	MODEL	SPS-210-24	SPS-210-30	SPS-210-48	--
	Voltage	24V	30V	48V	--
	Min. Load	0A			
	Max. Load	8.8A	7.0A	4.4A	--
	Regulation	±1%	±1%	±1%	--
	Ripple Noise (MAX.)	120mV	200mV	240mV	--
	Efficiency (TYP.)	83%	83%	84%	--
	Max Power	212.2W	210W	212.2W	--
PROTECTION	Over Voltage Protection	5V : 5.8~7.0V 24V : 27.6~33.6V	7.5V : 8.6~10.5V 30V : 34.5~42V	12V : 13.8~17.5V 48V : 55.2~67.2V	15V : 17.3~21.0V
	Over Load Protection	Over 105% ~ 150% of rating, shutdown. Auto recovery when fault condition been removed.			
	Over Temp. Protection	Option. When the power supply temperature over 95℃ , the power supply will shut down.			
	Short Circuit Protection	Shutdown, recovers automatically after fault condition removed.			
OTHERS	Rise time	<30mS			
	Hold up time	>20mS@230V			
	Remote Control	----			
	Cooling	Natural Cooling			
Environment	Temperature	Operating: -10 ~ 70℃; De-rating: 45℃ ~ 70℃ : 2.5%/℃. Storage: -10 ~ +85℃			
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)			
M.T.B.F.	271.9K hours				
SAFETY	UL 60950 3 rd , CSA C22.2 No.60950 3 rd , TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 standard. CCC GB 4943(2001) standard.				
EMC	EMI Standard	EN 55022 CLASS B : EN 61000-3-2,3、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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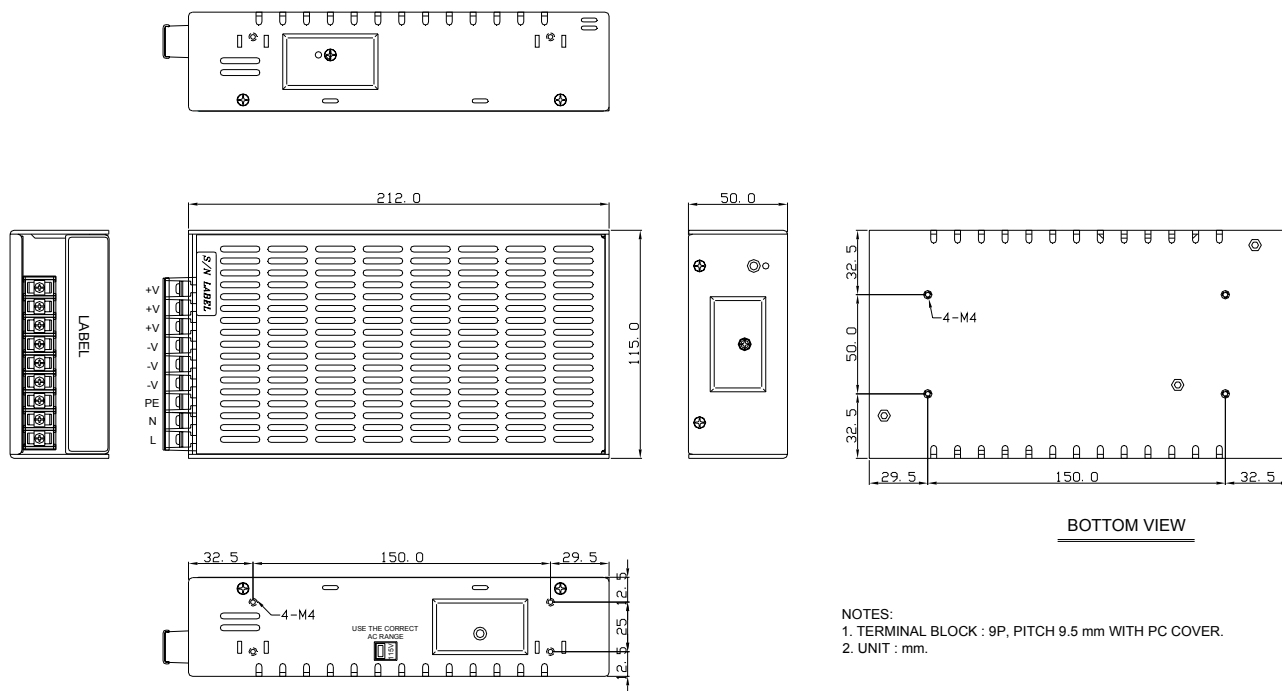
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Dimension:

SPS-210 Series



- NOTES:
1. TERMINAL BLOCK : 9P, PITCH 9.5 mm WITH PC COVER.
 2. UNIT : mm.