



SUNPOWER TECHNOLOGY CORP.
 33485 WESTERN AVE., Union City, CA 94587
 TEL: 510-489-5088 FAX: 510-489-5088
 http://www.sunpower-usa.com
 E-mail: sales@sunpower-usa.com

SPS-210 Series

210W, Single output



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



Features:

- * 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 burn-in test
- * Meet UL, cUL, TUV, CB, CE standard
- * 1 years warranty

Specification:

INPUT	Voltage	AC 90V ~ 132V or 176V ~264V selected by SW							
	Frequency	47 ---- 63 Hz							
	Current	<4.5A @ 115V , <2.5A @ 230V AC input, full load condition							
	Inrush Current	<80A @115V/ 230V AC input, full load condition. Cold start at 25 ambient							
	Leakage Current	<2.0mA@264V AC input							
OUTPUT	OUTPUT	SPS-210-05	SPS-210-7.5	SPS-210-12	SPS-210-15	SPS-210-24	SPS-210-30	SPS-210-36	SPS-210-48
	Voltage	5V	7.5V	12V	15V	24V	30V	36V	48V
	Min. Load	0A	0A	0A	0A	0A	0A	0A	0A
	Max. Load	40A	28A	17.5A	14A	8.8A	7.0A	5.9A	4.4A
	Regulation	$\pm 2\%$	$\pm 2\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
	Ripple Noise (MAX.)	80mV	80mV	120mV	120mV	120mV	200mV	200mV	240mV
	Efficiency (TYP.)	74%	79%	80%	81%	83%	83%	83%	84%
Output (MAX)	200W	210W	210W	210W	212.2W	210W	212.4W	212.2W	
PROTECTION	Over Voltage	5.8V~7.0V	8.6V~10.5V	13.8V~17.5V	17.3V~21.0V	27.6V~33.6V	34.5V~42V	41.4V~50.4V	55.2V~67.2V
	Over Load	Over 105% ~ 150% of rating, shutdown. Auto recovery when fault condition been removed.							
	Over Temp	Option. When the power supply temperature over 95 , the power supply will shut down.							
	Short Circuit	Shutdown, recovers automatically after fault condition removed.							
OTHERS	Rise time	<30mS							
	Hold up time	>20mS@230V							
	Cooling	Natural Cooling							
Environment	Temperature	Operating: -10 ~ 70 ; De-rating: 45 ~ 70 : 2.5%/ . Storage: -40 ~ +85							
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)							
M.T.B.F.	271.9K hours								
SAFETY	UL 60950-1, CSA C22.2 No.60950-1, TUV EN 60950-1, IEC 60950-1, EMKO-TSE (74-SEC)207/94 standard								
EMC	EMI	EN 55022 CLASS B : EN 61000-3-2,3, FCC CFR 47 PART 15 CLASS B, CNS 13438 CLASS B.							
	EMS	EN 55024 : EN 61000-4-2,3,4,5,6,8,11.							

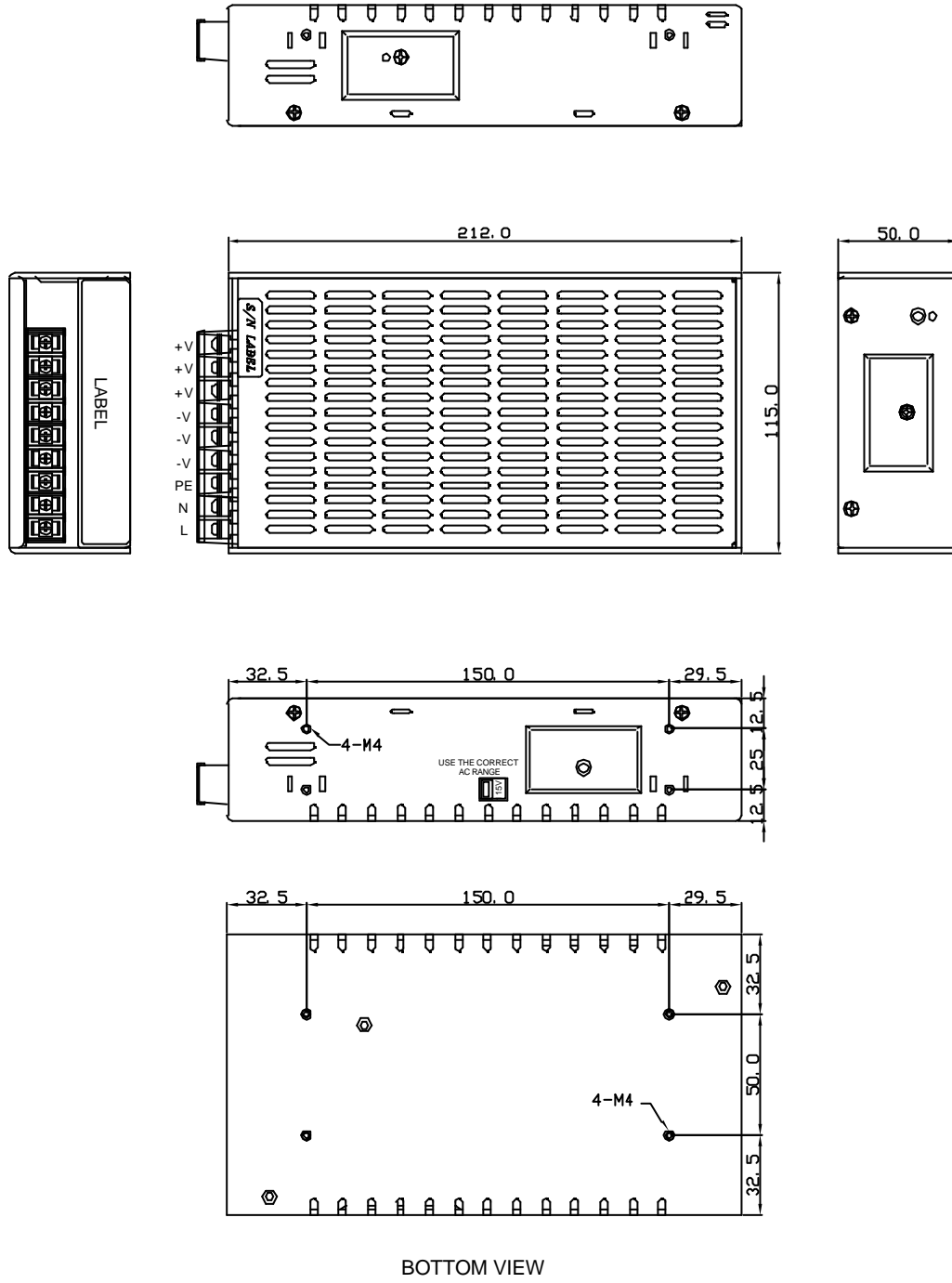


SUNPOWER TECHNOLOGY CORP.
33485 Western Ave., Union City, CA 94587
TEL: 510-489-5088 FAX: 510-489-8966
<http://www.sunpower-usa.com>
E-mail: sales@sunpower-usa.com

Dimension:

(Unit: mm)

SPS-210 Series



NOTES:
TERMINAL BLOCK: 9P, PITCH 9.5mm WITH PC COVER.