



SUNPOWER TECHNOLOGY CORP.
 33485 WESTERN AVE. UNION CITY, CA 94587, UNITED STATES.
 TEL: 510.489.5088 FAX: 510.489.8966
 http://www.sunpower-usa.com
 E-mail: sales@sunpower-usa.com

SPS-100-D Series SPS-100PD Series

100W, Dual Output
 P.F.C Function (option)



198 x 95 x 38mm
 7.80 x 3.74 x 1.50inch



Features:

Universal AC input ,PFC function (option)
Built-in EMI filter, low ripple noise
Over load, over voltage & short circuit protection
100% 50 burn-in test
UL, cUL, TUV, CB, CE certified
2 years warranty

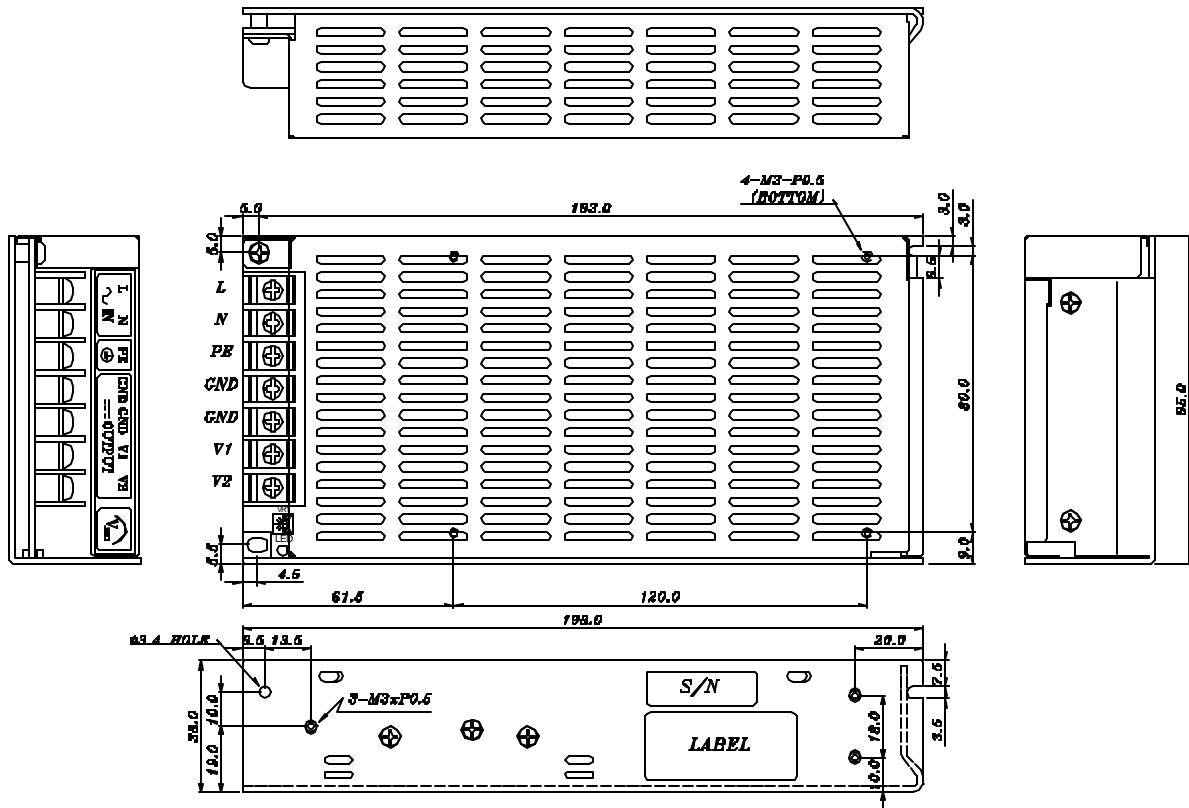
Specification:

MODEL NO.	SPS-100-D1/SPS-100PD1		SPS-100-D2/SPS-100PD2		SPS-100-D3/SPS-100PD3		SPS-100-D4/SPS-100PD4	
OUTPUT	V1	V2	V1	V2	V1	V2	V1	V2
VOLTAGE	+5 V	+12 V	+5 V	+24 V	+12 V	-12 V	+15 V	-15 V
MIN. LOAD	0.3 A	0.1 A	0.3 A	0.1 A	0.3 A	0.1 A	0.3 A	0.1 A
MAX. LOAD	12 A	6 A	10 A	4 A	4.9 A	4.9 A	3.92 A	3.92 A
REGULATION	±3%	±5%	±3%	±5%	±2%	±10%	±2%	±10%
RIPPLE & NOISE(MAX)	50 mV	120 mV	50 mV	240 mV	120 mV	120 mV	150 mV	150 mV
EFFICIENCY(TYP.)	75%		76%		76%		76%	
MAX OUTPUT	100W							
INPUT	Voltage	88V --- 264VAC or 120 --- 375VDC Universal full range						
	Frequency	47 --- 63 Hz						
	Current	3.0A max at 100V AC input, full load condition						
	Inrush Current	<35A@115V / <70A@230V AC input, full load condition. Cold start at 25 ambient						
	Leakage Current	<1.5mA@264V AC input						
PROTECTION	Power Factor	Meet IEC 1000-3-2 class A (SPS-100PD series)						
	Over Load Protection	Over 105% ~ 180% of rating, recovers automatically after fault condition removed.						
	Over Voltage Protection	+5V: 5.8V~7.0V						
OTHERS	Short Circuit Protection	Shutdown, recovers automatically after fault condition removed.						
	Setup time	3Sec@115VAC, 1Sec@230VAC						
	Rise time	20ms						
	Hold up time	16.7ms/115VAC, 80ms/230VAC						
	Parallel/Series	---						
	Remote Control	---						
Environment	Remote Sensing	---						
	Cooling	Natural Cooling						
M.T.B.F.	Temperature	Operating: 0~70 ; derating: 50 ~70 : 2.5%/ . Storage: -10~+75						
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)						
SAFETY	261K hours							
EMC	UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 Certified							
	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.						
PACKING	EMS	EN 50082-1 (1997)						
	N.W.: 0.7Kg / 1pc; 24pcs / 1.22 Cu ft ³ / 1 CTN							



SUNPOWER TECHNOLOGY CORP.
33485 WESTERN AVE. UNION CITY, CA 94587, UNITED STATES.
TEL: 510.489.5088 FAX: 510.489.8966
http://www.sunpower-usa.com
E-mail: sales@sunpower-usa.com

Dimension:



TERMINAL BLOCK : 7P, PITCH 9.5 mm. (STANDARD)
UNIT:mm