



SUNPOWER TECHNOLOGY CORP.
 33485 WESTERN AVE. UNION CITY, CA 94587, UNITED STATES.
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SPS-100-T / SPS-100PT Series

100W Triple Output Power Supply
 AC input with P.F.C Function



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



CB CE R

Features:

Universal AC input with power factor correction (option)
Light weight, compact size
High efficiency, high reliability
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:

INPUT	Voltage	AC 88V --- 264V or DC 120V ~ 375V, Universal full range, single phase.											
	Frequency	47 --- 63 Hz											
	Current	<3A @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											
	Power Factor	Meet IEC 1000-3-2 class A standard (SPS-100PT)											
OUTPUT	Model	SPS-100-T1/SPS-100PT1			SPS-100-T2/SPS-100PT2			SPS-100-T3/SPS-100PT3			SPS-100-T4/SPS-100PT4		
		V1	V2	V3	V1	V2	V3	V1	V2	V3	V1	V2	V3
	Voltage	+5V	+12V	-5V	+5V	+12V	-12V	+5V	+15V	-15V	+5V	+12V	+24V
	Min. Load	0.3A	0A/0.1A	0A	0.3A	0A/0.1A	0A	0.3A	0.1A	0A	0.3A	0.1A	0A
	Max. Load	12A	5A	1.5A	12A	5A	1.5A	12A	3A	1.5A	12A	3A	2A
	Regulation	±4%	±5%	±10%	±4%	±5%	±10%	±4%	±5%	±10%	±4%	±5%	±10%
	Ripple Noise (max)	50mV	120mV	100mV	50mV	120mV	150mV	50mV	120mV	100mV	50mV	120mV	240mV
	Efficiency (typ)	73%			74%			75%			75%		
	Max Power	100W			100W			100W			100W		
PROTECTION	Over Voltage Protection	+5.8V~+7.0V	---	---	+5.8V~+7.0V	---	---	+5.8V~+7.0V	---	---	+5.8V~+7.0V	---	---
	Over Load	Shutdown when over voltage. Recovers automatically after fault condition has been removed.											
	Short Circuit	Shut down when output power reach 105% ~ 180% of rating. Recovers automatically after fault condition has been removed.											
OTHERS	Setup time	<3sec @ 115V / <1sec @ 230V											
	Rise time	<20mS											
	Hold up time	>16.7mS@115V, >80mS@230V											
	Cooling	Natural cooling											
Environment	Temperature	Operating: 0~70 ; de-rating: 50 ~70 : 2.5%/ ; Storage: -10~+75											
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)											
M.T.B.F.	SPS-100-T series: 267K hours; SPS-100PT series: 245K hours												
SAFETY	UL 1950 3 rd , CSA C22.2 No.950-95 3 rd , TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 certified												
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 61000-6-3, CNS 13438 CALSS B.											
	EMS	EN 61000-6-1 (1997)											
Packing:	N.W.: 0.7kg/1pc; 24pcs/1.22cuft/1ctn												



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