



SUNPOWER TECHNOLOGY CORP.
 33485 WESTERN AVE. UNION CITY, CA 94587, UNITED STATES
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SPX-6500P1

Active P.F.C Function

500W, Six Output

For Industrial 1U System



106 x 290 x 40mm
 4.17 x 11.81 x 1.57inch

Features:

Universal full range AC input with active PFC, P.F.> 0.95
+3.3V, +5V main output remote sensing
Remote control power ON/OFF
Over load, over voltage & short circuit protection
Built in EMI filter, low ripple noise
Built in long life ball bearing fan
LED indicator for power condition
100% 50 burn-in test
Meet Intel ATX 2.01 / ATX2.03 / ATX 12V / EPS
UL, cUL, TUV, ,CB, CE certified
1 years warranty

Specification:

		V1	V2	V3	V4	V5	V6	
OUTPUT	Voltage	+3.3V	+5V	+12V	-5V	-12V	+5Vsb	
	Min. Load	0A	3A	1A	0A			
	Max. Load	28A	36A	36A	0.5A	1A	2A	
	Regulation	±5%					+8/-5%	±5%
	Ripple Noise(max)	50mV		100mV	50mV	120mV	50mV	
	Efficiency (typ)	70%						
Max Power	+3.3V & +5V max 180W, total output max 500W,							
INPUT	Voltage	90V ~ 264V universal full range, single phase						
	Frequency	47 ----- 63 Hz						
	Current	<8A @ 100V AC input, full load condition						
	Inrush Current	<40A@115V / <80A@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 D, P.F.>0.95						
PROTECTION	Over Load Protection	Over 105% ~ 150% of rating						
	Over Voltage Protection	+3.3V: +3.8V~+4.6V, +5V: +5.8V~+7.0V, +12V: +13.8V~+17.5V						
	Short Circuit Protection	Shutdown						
OTHERS	Setup time	----						
	Rise time	<20mS						
	Hold up time	>20mS@230V						
	TTL Signal	Power Good Signal, PS-ON Signal						
	Cooling	Two 8.6 CFM (min.) DC ball bearing Fan						
Environment	Temperature	Operating: 0~70 ; derating: 45 ~70 : 2.5%/ . Storage: -10~+75						
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)						
M.T.B.F.	91K hours							
SAFETY	UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO -TSE (74-SEC)207/94 Certified							
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.						
	EMS	EN 50082-1 (1997)						



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Dimension:

