



SUNPOWER TECHNOLOGY CORP.
16F-1, No.150, Jian Yi Rd., Chung Ho City, Taipei Hsien, Taiwan, R.O.C.
TEL: 886-2-8226-3100 FAX: 886-2-8226-3111
<http://www.sunpower.com.tw>
E-mail: sunpower@sunpower.com.tw

SPX-6300P1

Active P.F.C Function

300W, Six Output

For Industrial 1U System



100 x 205 x 40.5mm
3.94 x 7.08 x 1.60inch



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
- * 100% 50°C 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	1.5 A	0.3 A	0A		
	Max. Load	20A	28A	14A	0.5A	1A	2A
	Regulation	±5%		+7/-5%	±5%	+8/-10%	±5%
	Ripple Noise(max)	50mV		120mV	50mV	120mV	50mV
	Efficiency (typ)	68%					
	Max Power	+3.3V & +5V max 140W, total output max 300W,					
INPUT	Voltage	90V ~ 264V universal full range, single phase					
	Frequency	47 ----- 63 Hz					
	Current	<5.0A @ 100V AC input, full load condition					
	Inrush Current	<40A@115V / <80A@230V AC input, full load condition. Cold start at 25°C 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% ~ 180% of rating, shutdown and latch off					
	Over Voltage Protection	+3.8V~+4.6V	+5.8V~+7.0V	+13.8~+17.5V	---	---	---
	Short Circuit Protection	Shutdown					
OTHERS	Setup time	-----					
	Rise time	<60mS					
	Hold up time	>20mS@230V					
	TTL Signal	Power Good Signal, PS-ON Signal					
	Cooling	Two 10CFM (min.) DC ball bearing Fan					
Environment	Temperature	Operating: 0~70°C; derating: 45°C ~70°C : 2.5%/°C. Storage: -10~+75°C					
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)					
M.T.B.F.		143K 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)					



SPX-6300P1

