



SPX-6430P1 / SPX-6500P1

430~500W, Six Output
Active P.F.C. Function
For Industrial 1U System



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



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:

INPUT	Voltage	Universal full range 90 ~ 264 VAC						
	Frequency	47 ----- 63 Hz.						
	Current	SPX-6430P1	<6.9A @ 100V AC input					
		SPX-6500P1	<8.0A @ 100V AC input					
	Inrush Current	<40A@115V / <80A@230V AC input. Cold start at 25 ambient						
	Leakage Current	<1.5mA@264V AC input						
	Power Factor	MEET IEC 1000-3-2 CLASS D STANDARD, (P.F. > 0.95)						
OUTPUT	Voltage	V1	V2	V3	V4	V5	V6	
		+3.3V	+5V	+12V	-5V	-12V	+5Vsb	
	Min. Load	0A	3.0A	1.0A	0A	0A	0A	
	Max. Load	SPX-6430P1	25A	30A	32A	0.5A	1.0A	2.0A
		SPX-6500P1	28A	36A	36A	0.5A	1.0A	2.0A
	Regulation	±5%	±5%	±5%	±5%	+8/-5%	±5%	
	Ripple Noise (MAX.)	50mV	50mV	100mV	50mV	120mV	50mV	
	Efficiency (TYP.)	70%	70%	70%	70%	70%	70%	
Max Power	SPX-6430P1	-5V&-12V Max 12W ; +3.3V & +5V max 150W ; total output max 430W						
	SPX-6500P1	-5V&-12V Max 12W ; +3.3V & +5V max 180W ; total output max 500W						
PROTECTION	Over Voltage	+3.8V~+4.6V	+5.8V~+7.0V	+13.8~+17.5V	---	---	---	
	Over Load	Over 105% ~ 150% of rating, shutdown and latch off.						
	Short Circuit	Shutdown						
OTHERS	Rise time	<20mS						
	Hold up time	>20mS@230V						
	TTL signal	Power Good Signal, PS-ON Signal						
	Cooling	Two 8.6 CFM DC ball bearing Fan.						
Environment	Temperature	Operating: 0~70 ; De-rating: 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 3rd, CSA C22.2 No.60950 3rd, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94 Approved.							
EMC	EMI Standard	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CALSS B.						
	EMS Standard	EN 50082-1 (1997): EN61000-4-2,3,4,5,6,8,11						
PACKING	N.W.: 2.83Kg / 1pc; 10pcs / 1.91Cu ft ³ / 1 CTN							

