

# SPX 6430P1

# ATX / 1U

# 430W



Country of Origin : Taiwan  
 Operating Temperature : 0 ~ 70° C  
 Dimension : 290 x 106 x 40 mm  
 Approvals / Marks : UL, c-UL, TÜV, CB, CE



### Features:

- Universal full range AC input with active Power Factor Correction
- +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 fans
- LED indicator for power condition
- 100% 50°C burn-in test
- meets Intel ATX 2.01 / ATX2.03 / ATX 12V / EPS
- 1 year warranty

### Specification:

		V1	V2	V3	V4	V5	V6
OUTPUT	Voltage	+3.3V	+5V	+12V	-5V	-12V	+5V <sub>SB</sub>
	min. Load	0A	3A	1A	0A	0A	0A
	max. Load	25A	30A	32A	0.5A	1A	2A
	Tolerance	±5%	±5%	±5%	±5%	+8 / -5%	±5%
	Ripple & Noise (max)	50mV	50mV	100mV	50mV	120mV	50mV
	Efficiency (typ)	70%					
Max. Output Power		150W			12W		
		430W					
INPUT	Voltage	90 ~ 264VAC Universal full range, single phase					
	Frequency	47 ~ 63 Hz					
	Current	< 6.9A@100VAC input, full load condition					
	Inrush Current	< 40A@115VAC / < 80A@230VAC input, full load condition. Cold start at 25°C ambient					
	Leakage Current	< 1.5mA@264VAC input					
	P.F.C.	0.95@230VAC meets IEC 1000-3-2 class D					
PROTECTION	Overload Current	Over 105% ~ 150% of rating, Shutdown					
	Over Voltage	3.8 ~ 4.6V	5.8 ~ 7V	13.8 ~ 17.5V			
	Over Temp.	-					
	Short Circuit	Shutdown					
OTHERS	Rise time	< 20ms					
	Holdup time	> 20ms@230VAC					
	TTL Signal	Power Good Signal, PS-ON Signal					
	Cooling	Two 8.6 CFM (min.) DC ball bearing fans					
Environment	Temperature	Operating: 0 ~ 70°C / Derating: 45 ~ 70°C : 2.5%/°C / Storage: -10 ~ 75°C					
	Humidity	Operating: 20% ~ 85% RH / Storage: 10% ~ 95% RH (non condensing)					
M.T.B.F.	> 91K hours ( according to MIL-HDBK-217F at 25°C environment)						
SAFETY	Approved: UL 60950 / CSA C22.2 No.60950 / TÜV EN60950 / IEC 60950 / EMKO-TSE (74-SEC)207/94						
EMC	EMI	FCC CFR 47 PART 15 CLASS B / EN 50081-1 / EN 55022 / CNS 13438 CLASS B					
	EMS	EN 50082-1 (1997) / EN61000-4-2,3,4,5,6,8,11					
WEIGHT	N.W.: 1.3 kg/pc ( with powercord 1.5 kg )						