

# SPX-6430P1/6500P1 (With Active P.F.C.)

## 430/500watts AC-DC Power Supply for Intel EPS 1U System



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



### FEATURES

- Safety standard:
  - UL60950
  - CSA C22.2 No 60950
  - TUV EN 60 950
  - IEC 1000-3-2 Class D
- EMC standard: EN55022 Class B.
- Active power factor correction P.F.>0.95
- Short circuit protection: shut down
- Over load protection: shut down
- Over voltage protection
- Power good signal
- Remote control power on/off
- Meet Intel ATX 2.01 / ATX 2.03 / ATX 12V
- Built-in two long life ball bearing fan

### AMBIENT

- Operating temperature range: 0~70 ;
- De-rating factor 45 ~70 :2.5%/
- Storage temperature: -10 to +75
- Humidity: Operation: 20% to 85% RH.(Non condensing)
- Storage: 10% to 95% RH.(Non condensing)
- MTBF: >91,000 hours

### AC INPUT

- Universal full range 90~264V, single phase
- Frequency: 47~63Hz
- Current: SPX-6400P1: <6.3A@100V
- SPX-6500P1: <7.5A@100V
- Inrush current: <40A@115V, <80A@230V
- Cold start at 25 ambient

### DC OUTPUT

- Maximum power: SPX-6400P1: 400watts
- SPX-6500P1: 480watts
- Rise time: 20ms
- Hold up time: >20ms@230VAC

OUTPUT	V1	V2	V3	V4	V5	V6	
VOLTAGE	+3.3 V	+5 V	+12 V	-5 V	-12 V	+5 VSB	
MIN. LOAD	0 A	3 A	1 A	0 A	0 A	0 A	
MAX. LOAD	SPX-6400P1	22 A	30 A	20 A	0.5 A	1 A	2 A
	SPX-6500P1	22 A	36 A	30 A	0.5 A	1 A	2 A
REGULATION	±5%	±5%	±5%	±5%	+8/-5%	±5%	
RIPPLE & NOISE(MAX.)	50mV	50mV	100mV	50mV	120mV	50mV	
EFFICIENCY(TYP.)	70%						

+3.3V plus +5V output maximum: SPX-6400P1: 150watts, SPX-6500P1: 180watts  
 -5V plus -12V output maximum: 12watts, -5V Optional.

