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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°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	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°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% ~ 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°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.		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)					



Technical drawing of the 19-inch rack-mountable device, showing front, top, and side views with dimensions.

Front View: The device has a total height of 300.0 mm and a width of 106.0 mm. It features a central display area labeled "LABEL TYPE" and a "LABEL TYPE" label on the right side. The bottom section contains two circular components labeled "LED INDICATOR". The top section has a series of horizontal slots and a central arched opening. Mounting holes are indicated by blue circles with a crosshair symbol.

Top View: The device has a total width of 106.0 mm and a height of 40.0 mm. It shows the internal layout of the components, including the "LED INDICATOR" and the "LABEL TYPE" label. The top edge features a series of horizontal slots and a central arched opening. Mounting holes are indicated by blue circles with a crosshair symbol.

Side View: The device has a total height of 300.0 mm and a width of 106.0 mm. It shows the side profile of the device, including the mounting holes and the "LED INDICATOR". The top edge features a series of horizontal slots and a central arched opening. Mounting holes are indicated by blue circles with a crosshair symbol.

Dimensions:

- Overall Height: 300.0 mm
- Overall Width: 106.0 mm
- Overall Depth: 40.0 mm
- Mounting Hole Spacing: 5.0 mm
- Mounting Hole Diameter: $2-\phi 4.0 \times 5 \text{ mm}$
- Internal Width: 90.0 mm
- Internal Height: 290.0 mm
- Internal Depth: 10.0 mm

