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SPR-2480P6

480+480W, HotSwap Redundant

Active P.F.C Function
for Industrial 2U System



W106 x D314 x H83 mm
W4.17 x D12.4 x H3.27 inch

Features:

- * Universal full range with active P.F.C. function
- * Hot swap, easy to install, zero transfer time
- * +3.3V & +5V main output remote sensing
- * Power fail, fan fail alarm and TTL signal
- * Remote control power on/off
- * Over load, over voltage & short circuit protection
- * System over temperature detecting function
- * Or-in diode built inside module
- * 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 / 2.03 / ATX 12V
- * UL, cUL, TUV, CB, CE certified
- * 2 years warranty

Specification:

		V1	V2	V3	V4	V5	V6
OUTPUT	Voltage	+3.3V	+5V	+12V	-5V	-12V	+5Vsb
	Min. Load	0 A	2 A	1 A	0 A		
	Max. Load	37 A	50 A	50 A	0.5 A	1 A	3 A
	Regulation	± 5%				± 8%	± 5%
	Ripple Noise(max)	50mV	50mV	120mV	50mV	120mV	50mV
	Efficiency (typ)	70%					
MAX POWER		+3.3V & +5V max 300W; -5V & -12V max 12W; total output max 800W.					
INPUT	Voltage	90V ~ 264V universal full range					
	Frequency	47 ~ 63 Hz					
	Current	<7.8A@100VAC full load condition.					
	Inrush Current	<50A@115VAC, <100A@230VAC full load condition. Cold start at 25°C ambient					
	Power Factor	Meet IEC 1000-3-2 class D, P.F.>0.95					
PROTECTION	Over Load Protection	Over 105% ~ 150% of rated load, shutdown and latch					
	Over Voltage Protection	+3.3V: +3.8V~+4.6V; +5V: +5.8V~+7.0V; +12V: +13.8V~+17.5V, shutdown and latch					
	Short Circuit Protection	Shut down and latch					
	Over Temperature Protection	Option. When power supply's temperature over 95°C±10°C, power supply will shut down.					
OTHERS	Rise time	<20mS					
	Hold up time	>20mS@230V					
	TTL Signal	Power good signal; PS-ON signal					
	Alarm	Power fail alarm, fan fail alarm, over temperature alarm					
	Cooling	DC ball bearing Fan in each module					
Environment	Temperature	Operating: 0~70°C; de-rating: 45°C~70°C : 2.5%/°C. Storage: -10~+75°C					
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)					
M.T.B.F.		89K 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 1U rack-mountable power supply unit, showing front, top, and side views with dimensions and labels.

Front View Dimensions:

- Overall Width: 319.5
- Overall Height: 111.0
- Mounting Ear Width: 41.8
- Internal Width: 314.0
- Internal Height: 106.0
- Top Mounting Hole Spacing: 8.0, 90.0, 8.0
- Bottom Mounting Hole Spacing: 8.0, 90.0, 8.0
- Wire Output Label: WIRE OUTPUT
- Labels: LABEL, PFC LABEL, S/N LABEL
- Bottom Mounting: 2- $\phi 4.0 \times 6.0$

Top View Dimensions:

- Overall Width: 319.5
- Overall Height: 111.0
- Mounting Ear Width: 41.8
- Internal Width: 314.0
- Internal Height: 106.0
- Top Mounting Hole Spacing: 8.0, 90.0, 8.0
- Bottom Mounting Hole Spacing: 8.0, 90.0, 8.0
- Wire Output Label: WIRE OUTPUT
- Labels: LABEL, PFC LABEL, S/N LABEL
- Bottom Mounting: 2- $\phi 4.0 \times 6.0$

Side View Dimensions:

- Overall Width: 319.5
- Overall Height: 111.0
- Mounting Ear Width: 41.8
- Internal Width: 314.0
- Internal Height: 106.0
- Top Mounting Hole Spacing: 8.0, 90.0, 8.0
- Bottom Mounting Hole Spacing: 8.0, 90.0, 8.0
- Wire Output Label: WIRE OUTPUT
- Labels: LABEL, PFC LABEL, S/N LABEL
- Bottom Mounting: 2- $\phi 4.0 \times 6.0$

