

**SUNPOWER TECHNOLOGY CORP.**

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SPR-3480P6

**900+480 W, Hot Swap Redundant
Active P.F.C. Function
for Industrial 2U System**



106 x 314 x 123.7 mm
4.17 x 12.36 x 4.87 inch

**Features:**

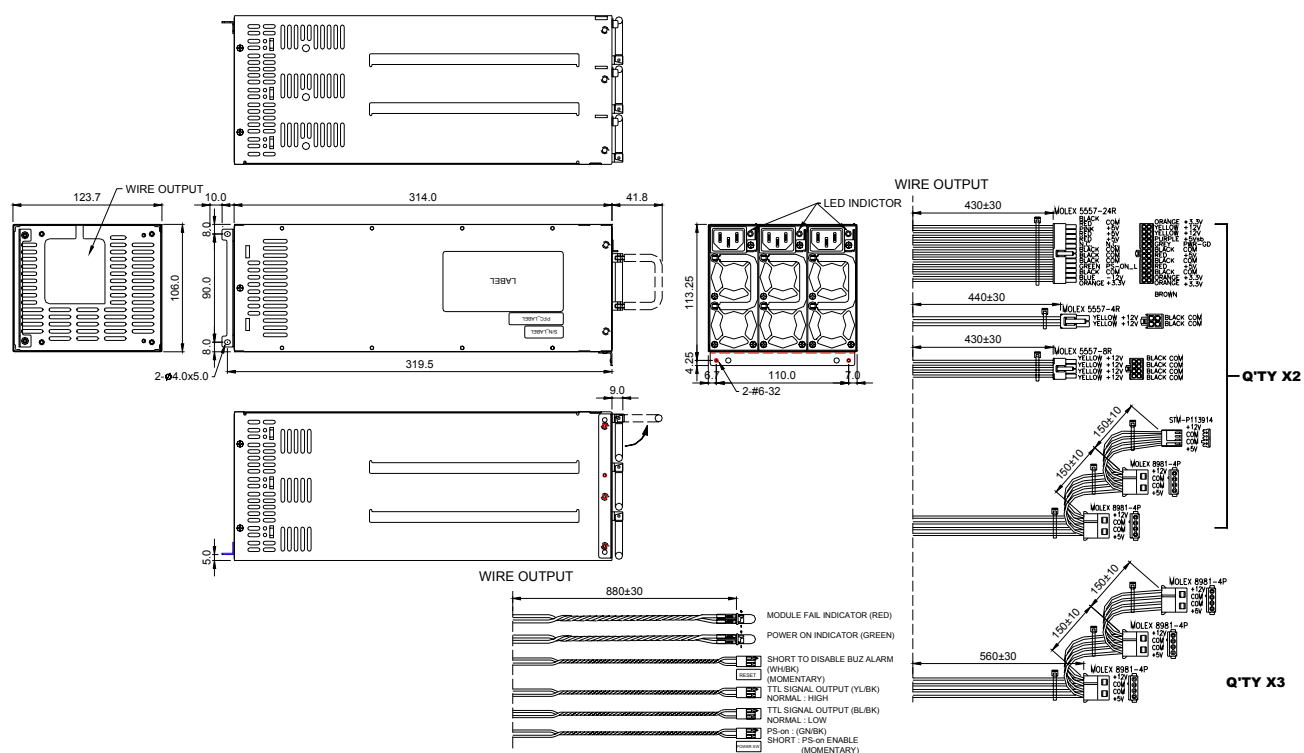
- * Universal AC input with active power factor correction, P.F.>0.95
- * Hot swap, easy to install, zero transfer time
- * +3.3V & +5V main output remote sensing
- * Power fail, fan fail alarm and TTL signal
- * Remote control power on/off
- * Over load, over voltage & short circuit protection
- * Over temperature protection (option)
- * 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:

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.					
	Leakage Current	<3.0mA@264VAC 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	0 A	3.0 A	2.0 A		0 A	
	Max. Load	56 A	80 A	75 A	0.5 A	1.0 A	3.0 A
	Regulation	± 5%				± 8%	± 5%
	Ripple Noise(max)	50mV	50mV	120mV	50mV	120mV	50mV
	Efficiency (typ)	68%					
PROTECTION	Max Power	+3.3V & +5V max 450 W ; -5V & -12V max 12 W , -5V optional ; Total output MAX. 1200W.					
	Over Load Protection	Over 105% ~ 150% of rated load, shutdown and latch off.					
	Over Voltage Protection	+3.8 ~	+5.8~7.0V	+13.8~17.5V	---	---	---
	Short Circuit Protection	Shut down and latch off					
	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	Forced airflow cooling with two 15 CFM (MIN.) DC 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.		62K hours					
SAFETY		UL 60950 3 rd , CSA C22.2 No.60950 3 rd , TUV EN 60950:2000, IEC 60950, EMKO-TSE (74-SEC)207/94 approved. CCC GB 4943(2001) standard.					
EMC	EMI	FCC CFR 47 PART 15 CLASS B, EN 50081-1:1992, CNS 13438 CALSS B.					
	EMS	EN 50082-1 (1997)					
PACKING		N.W.: --Kg / 1pc; 6 pcs / 1.91 Cu ft ³ / 1 CTN					

Dimension:

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SC-170-A01_0.1