



SUNPOWER TECHNOLOGY CORP.
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RAM-2807&8P2 Series

400W+400W , N+1 Current Share
Hot Swap Redundant
For RAID



183 x 353 x 105 mm
 7.2 x 13.9 x 4.13 inch



Features:

- * Active current sharing output
- * Hot swap power module operation, easy to install, zero transfer time
- * Power fail, fan fail alarm
- * Over voltage, over load & short circuit protection
- * Output remote sense for heavy load drop
- * Over temperature protection (optional)
- * Putting Or-ing diode inside module.
- * Remote control power ON/OFF
- * Built-in long life ball bearing fan
- * Meet Intel ATX 2.01 / 2.03 / ATX 12V
- * UL, cUL, TUV, ,CB, CE approved.
- * 2 years warranty

Specification:

	Voltage	90V ~ 264VAC universal full range or 127V ~ 375VDC. ; *RAM-2807Px : VIA FRONT SIDE. **RAM-2808Px : VIA REAR SIDE.	
	Frequency	47 ---- 63Hz	
	Current	<10A@100VDC input, full load condition	
	Inrush Current	<40A@115V , <80A@230V AC Input, Cold start, at 25°C ambient	
	Leakage Current	<2mA@264V AC input	
	Power Factor	PF > 0.95	
INPUT	Voltage	5V	12V
	Min Load	6A	2A
	Max Load (System)	85A	20A
	Output Tolerance ②	±5%	±5%
	Ripple Noise MAX. ③	70mV	120mV
	Efficiency (TYP.)	70%	
	Output MAX.	610W	
		Over Voltage	5.8V ~ 7.0V
PROTECTION		Shutdown and latch off, recover after re-start up.	
	Over Load & Short Circuit	When power supply over 105%~ 150% max load or short circuit acted, power supply will be shutdown and latch off.	
	Over Temperature	Optional, Over 95°C ± 5°C Shutdown, recovers automatically after fault condition has been removed.	
ELEC. CHAR.	Rise time	<20mS	
	Hold up time	>20mS@230V	
	Alarm	Power fail alarm / Fan fail alarm	
ENVIRONMENT	Temperature ④	Operating: -10~70°C; De-rating: 45°C~70°C : 2.5%/°C.; Storage: -20~+85°C.	
	Humidity	Operating: 20% ~ 90% RH (non condensing); Storage: 10% ~ 95% RH (non condensing)	
SAFETY	Withstand voltage	I/P-O/P:3KVAC, I/P-PE:1.5KVAC, 1minute	
	Isolation resistance	I/P-O/P, I/P-PE, >100MΩ/500VDC at 25°C / 70% RH	
	Safety standard	UL 60950-1 1 st , CSA C22.2 No. 60950-1- 03 1 st , TUV EN 60950-1:2001+A11, IEC 60950-1, approved.	
EMC	EMI	EN 55022 CLASS B, FCC CFR 47 PART 15 CLASS B, CNS 13438 CLASS B. Compliance to EN61000-3-2 CLASS D, EN61000-3-3	
	EMS	EN 55024 : EN 61000-4-2,3,4,5,6,8,11	
OTHERS	Cooling	Built-in DC ball-bearing fan in module.	
	Dimension	183 x 353 x 105 mm (D*W*H)	
	M.T.B.F.	84K hours	
	Packing	N.W.: 7.5 KG / 1 SET / 1.22 CUFT / 1 CTN	
NOTE		① All measurements which not mentioned are based on 230VAC input, output max at ambient 25°C / 70%RH	
		② Output tolerance included set up voltage, line regulation and load regulation. The regulation is measured between 20%-100% max load of each output.	
		③ Ripple & noise are measured at 100~254VAC input with 0~50°C condition and 20MHz of bandwidth by terminated with a 0.1uF & a 47uF parallel capacitor.	
		④ The power supply is considered a component of end-equipment. The end-equipment must be re-confirmed whether comply with EMC directives.	

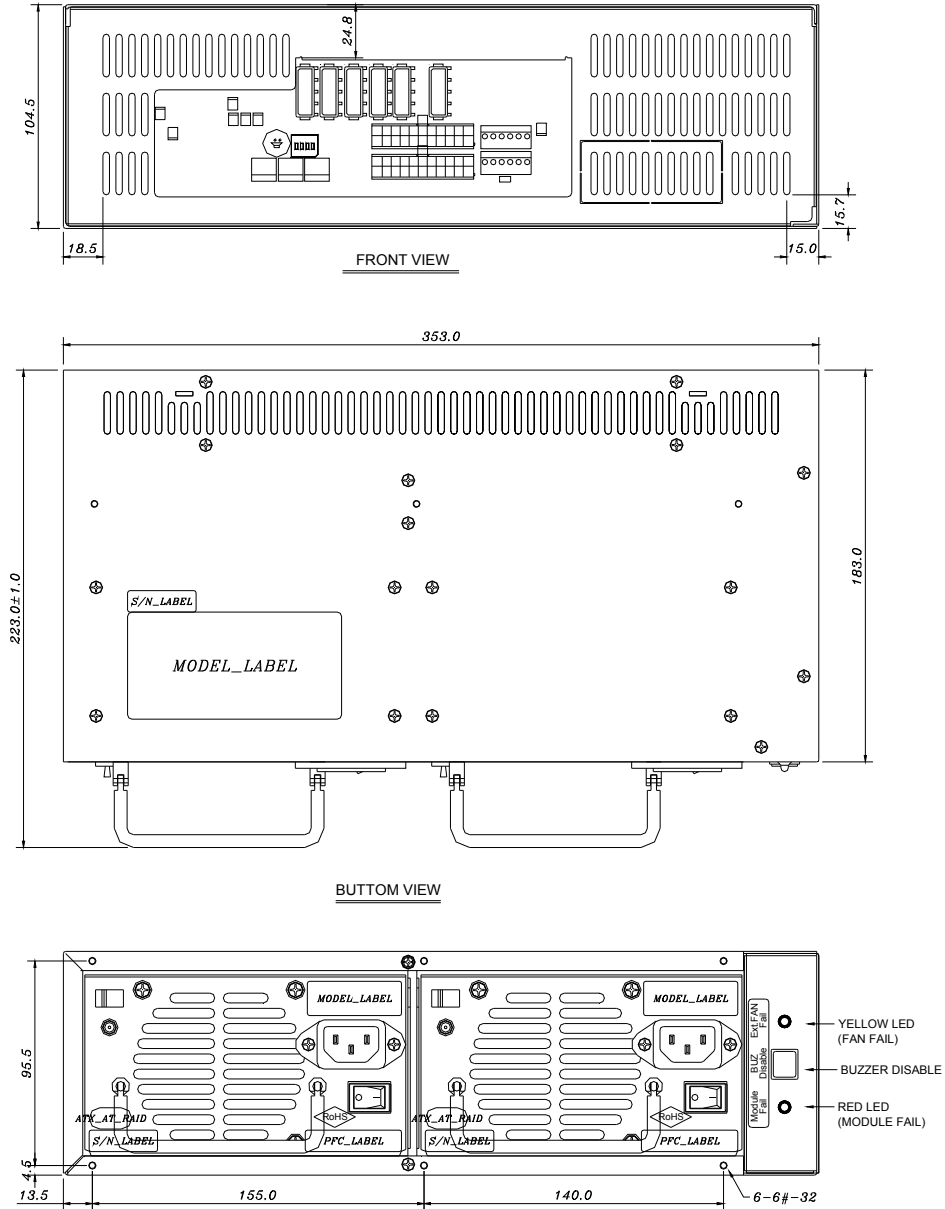


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RAM-2807&8P2 Series

Dimension: (Unit: mm)

RAM-2807Px (AC input via front side.)





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RAM-2807&8P2 Series

RAM-2808Px (AC input via rear side.)

