SUNPOWER TECHNOLOGY CORP.
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RAM-2667P6 / RAM-2668P6

330+330W, AC Input
Hot Swap Redundant
for ATX

RAM2667P RAM2668P

183 x 353 x 105 mm

7.2 x W13.9 x H4.13 inch

Features:

- Hot swap power module operation, easy to install, a zero transfer time when backup takes place.
- Active current sharing output
- Remote control power on/off, remote sense for heavy load drop.
- Power fail, fan fail alarm and TTL signal.
- Over voltage, over temperature, over load & short circuit protection
- Putting Or-ing diode inside module.
- Support dual mother board system; Use DIN 41612 industrial connector
- 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:

INPUT	Voltage	90V ~ 264VAC universal full range or 127V ~ 375VDC.					
	Frequency	47 ~ 63 Hz.					
	Current	<8A@100VAC. (single module)					
	Inrush Current	<40A@115V; <80A@230V. (single module)					
	Leakage Current	<2mA @ 264V AC input.					
	Power Factor	PF ＞ 0.95					
OUTPUT	Voltage	**5V**	**3.3V**	**12V**	**-5V**	**-12V**	**5Vsb**
	Min Load	3 A	0 A	1 A	0 A	0 A	0 A
	Max Load	75 A	45 A	16 A	0.5 A	1A	2A
	Output Tolerance ②	± 5%	± 5%	± 5%	± 5%	± 8%	± 3%
	Ripple Noise MAX. ③	70mV	70mV	120mV	70mV	150mV	70mV
	Efficiency (TYP.)	63%.					
	Output MAX.	3.3V & 5V of single module：<200W；Dual module:<375W； –5V & -12V of single module: <12W.					
		Total output maximum 500W.					
PROTECTION	Over Voltage Protection	5.8V~7.0V	3.8V~4.6V	13.8V~16.8V	----	----	----
		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℃± 5℃ Shutdown, recovers automatically after fault condition has been removed.					
ELEC. CHAR.	Rise time	<20mS.					
	Hold up time	>20mS@230V.					
	TTL Signal	Power good signal：Power ON within 100---500ms, high level TTL Signal release. PS-ON signal: Hi for power supply off, low for power supply on.					
	Alarm	Power fail alarm / Fan fail alarm.					
ENVIRONMENT	Temperature ④	Operating: -10~70℃; De-rating: 40℃~70℃ : 2.5%/℃. ; Storage: -20~+85℃.					
	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℃/ 70% RH					
	Safety standard	UL 60950-1 1st,CSA C22.2 No. 60950-1- 03 1st,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.					
	M.T.B.F.	84 K hours.					
	Dimension	183 x 353 x 105 ㎜ (D*W*H)					
	PACKING	N.W.: 8 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℃ / 70%RH ② Output tolerance included set up voltage, line regulation and load regulation. The regulation is measured at the condition：when any of output is with 20% ~ 100% **max load** and the rest of each outputs are with 60% **max load,** Each output could work within **max load** but must under total **output max**. ③ Ripple & noise are measured at 100～254VAC input with 0～50℃ 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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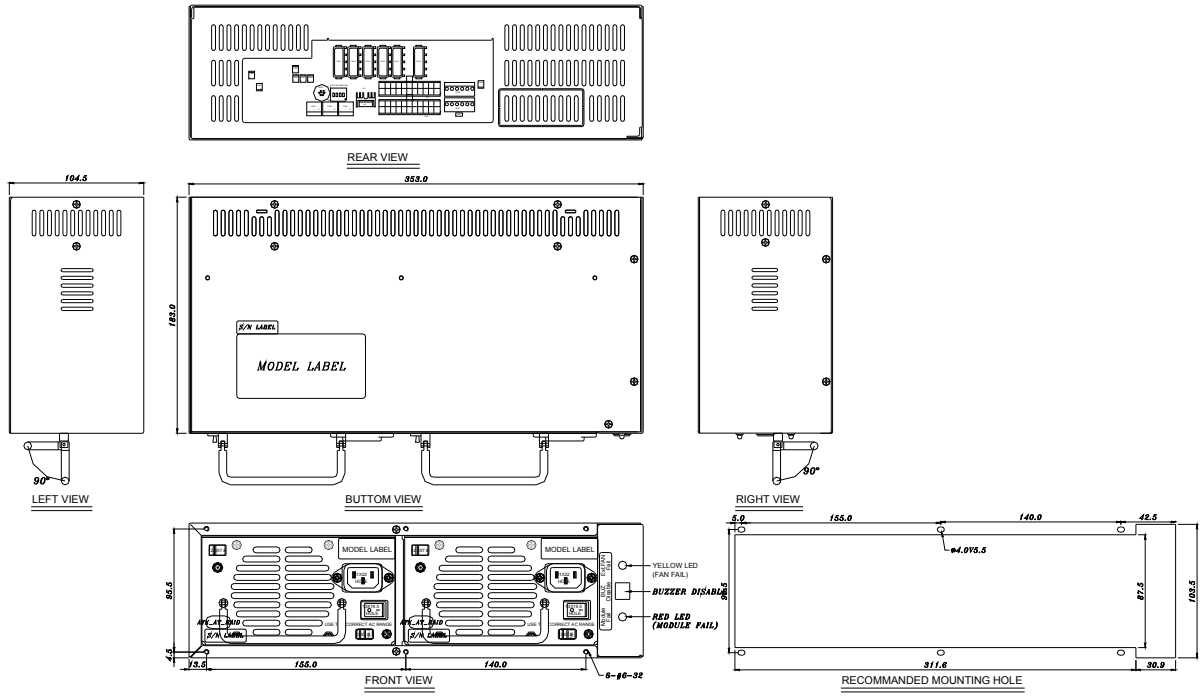
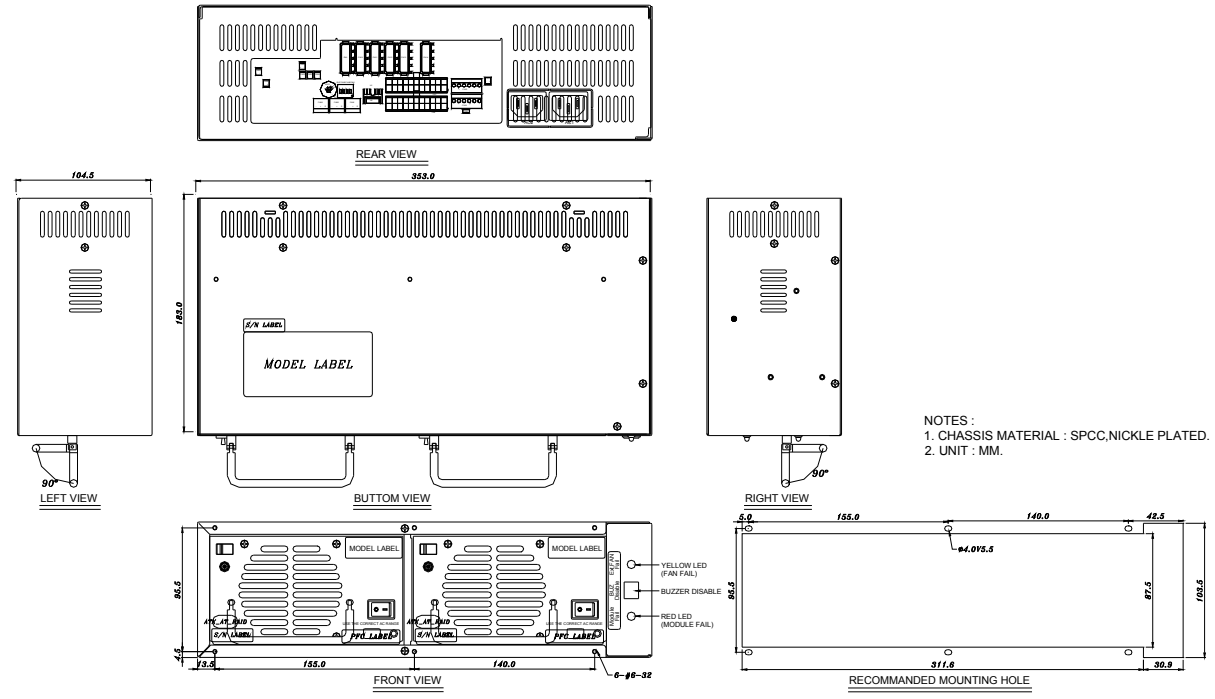
Dimension: **(Unit: mm)**

RAM-2667P



RAM-2668P



NOTES :
1. CHASSIS MATERIAL : SPCC,NICKLE PLATED.
2. UNIT : MM.