



**SUNPOWER TECHNOLOGY CORP.**  
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## RAM-2663P2~2666P2

### 330 + 330 W, AC Input



RAM-2663



RAM-2664



RAM-2665



RAM-2666

**RAM-2663, 2664**  
 183 x 154 x 210 mm  
 7.2 x 6.06 x 8.27 inch

**RAM-2665, 2666**  
 183 x 167 x 185 mm  
 7.2 x 6.58 x 7.28 inch

## Hot Swap Redundant Power Supply For RAID



### 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
- \* Over voltage, over load & short circuit protection
- \* Over temperature protection (optional).
- \* 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
- \* 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	<b>5V</b>	<b>12V</b>	
	Min Load	3 A	1 A	
	Max Load	75 A	16 A	
	Output Tolerance ②	± 5%	± 5%	
	Ripple Noise MAX. ③	70mV	120mV	
	Efficiency (TYP.)	72%		
	Output MAX.	500W		
PROTECTION	Over Voltage	5.8V~7.0V	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°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, > 100MQ/500VDC at 25°C/ 70% RH		
EMC	Safety standard	UL 60950 3 <sup>rd</sup> , CSA C22.2 No.60950 3 <sup>rd</sup> , TUV EN 60950-1:2001+A11, IEC 60950, standard.		
	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.	72 K hours.		
	PACKING	N.W.: 7.5 KG / 1 SET / 0.98 CUFT / 1 CTN		
NOTE	① All measurements which not mentioned are based on 230VAC input, <b>output max.</b> 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% <b>max load</b> 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.			

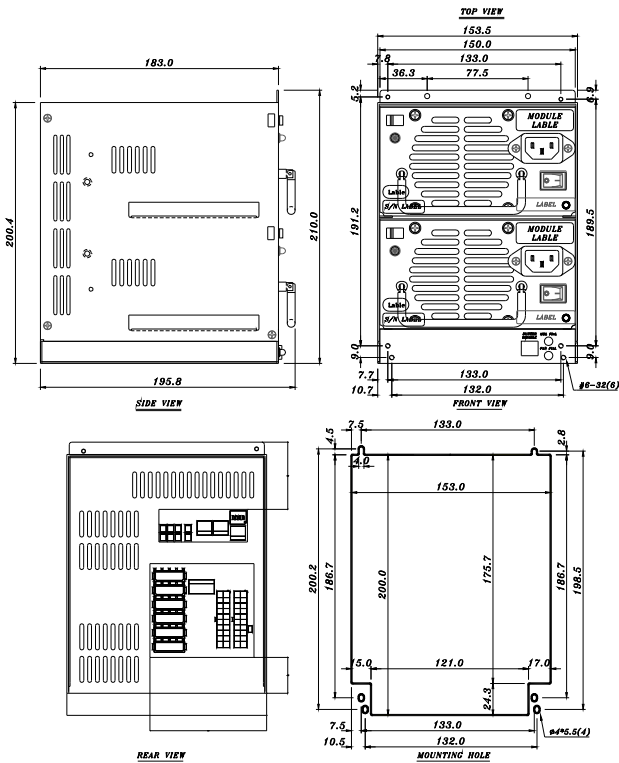


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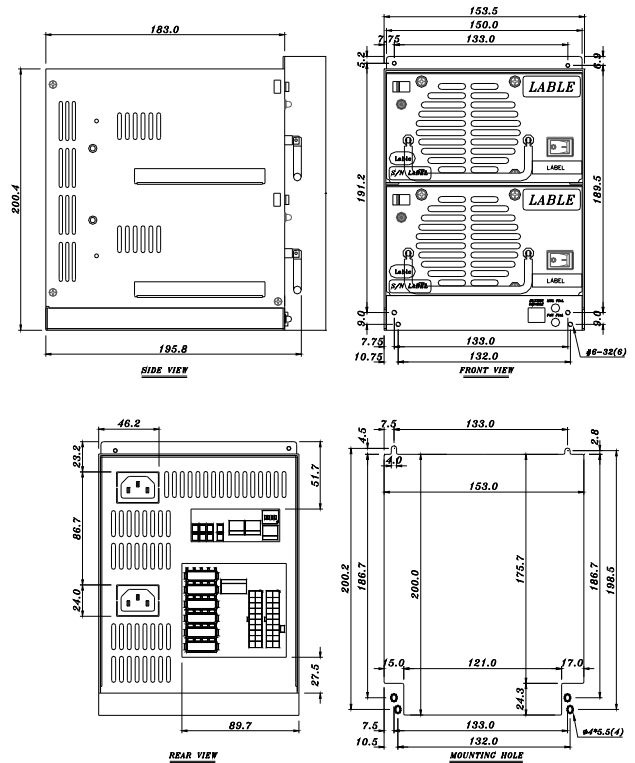
Dimension:

(Unit: mm)

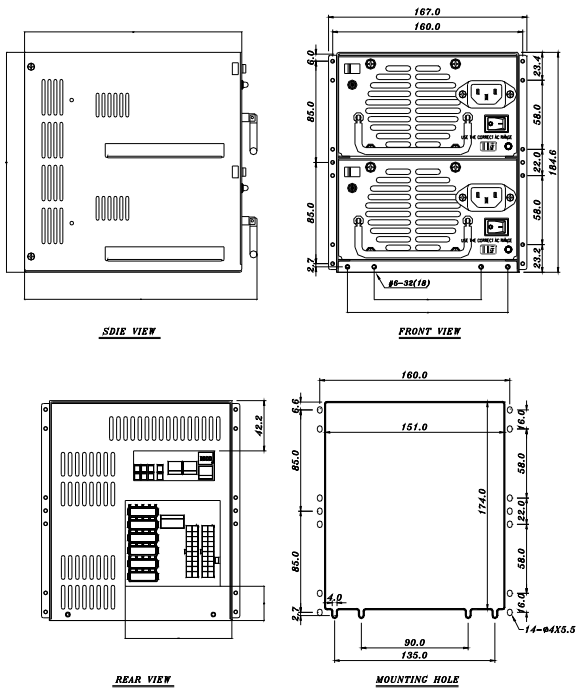
**RAM-2663 / RAM-2663P**



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