



**SUNPOWER TECHNOLOGY CORP.**  
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# RAM-2668 Series

**330+330W, AC Input**  
**Hot Swap Redundant**  
**for RAID, AT, ATX**



W353 x D183 x H105 mm  
 W13.90 x D7.20 x H4.13 inch



## Features:

- \* AC input 90~132VAC, 180~264VAC, switch selected. (Auto sensing / universal input with active PFC optional).
- \* Hot swap power module operation, easy to install, zero transfer time
- \* Active current sharing output
- \* Output remote sense for heavy load drop
- \* Power fail, fan fail alarm and TTL signal
- \* Remote control power on/off
- \* Over load, over voltage & short circuit protection
- \* Over temperature protection (optional)
- \* Or-in diode built inside module
- \* Support dual mother board system; Use DIN 41612 industrial connector
- \* 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

## Specification:

		V1	V2	V3	V4	V5	V6	
OUTPUT	Voltage	+3.3V	+5V	+12V	-5V	-12V	+5Vsb	
	Min. Load	0 A	3 A	1 A	0 A			
	Max. Load	45 A	75 A	16 A	0.5 A	1A	2A	
	Regulation	± 5%						± 8%
	Ripple Noise(max)	50mV	50mV	120mV	50mV	120mV	50mV	
	Efficiency (typ)	63%						
MAX OUTPUT WATTAGE		Single Module:<200W; Dual Module:<375W			---			
		Total output of dual module: 500W max continuously						
INPUT	Voltage	AC input 90 - 132VAC, 180~264VAC, auto sensing or switch selected						
	Frequency	AC in: 47 ~ 63 Hz						
	Current	<8A@115VAC, <4.5A@230VAC ; (<8A@100VAC for RAM-2668P), single module full load condition.						
	Inrush Current	<40A@115VAC, <80A@230VAC full load condition. Cold start at 25°C ambient (Single Module)						
	Power Factor	Meet IEC 1000-3-2 class D, P.F.>0.95 (optional)						
PROTECTION	Over Load Protection	Over 105% ~ 150% of rated load, shutdown						
	Over Voltage Protection	+3.8V~+4.6V	+5.8V~+7.0V	+13.8V~+17.5V	----	----	+5.8V~+7.0V	
	Over Temperature Protection	Shutdown when power supply's temperature reach 95°C (Optional)						
	Short Circuit Protection	Shutdown.						
OTHERS	Rise time	<20mS						
	Hold up time	>20mS@230V						
	TTL Signal	Power good signal(for 4 & 6 output models); PS-ON signal (for 6 output models)						
	Alarm	Power fail alarm; Fan fail alarm						
	Cooling	A 37CFM (min.) DC ball bearing Fan in each module						
Environment	Temperature	Operating: 0~70°C; derating: 45°C~70°C : 2%/°C. Storage: -10~+75°C						
	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)						
M.T.B.F.	108K hours (84K hours for PFC models)							
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)						
Packing		N.W.: 7Kg / 1set; 1set / 0.98Cu ft <sup>3</sup> / 1Ctn;						



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**Dimension:**

