



**SUNPOWER TECHNOLOGY CORP.**  
 33485 WESTERN AVE. UNION CITY, CA 94587, UNITED STATES  
 TEL: 510.489.5088 FAX: 510.489.8966  
 http://www.sunpower-usa.com  
 E-mail: sales@sunpower-usa.com

## RAM-2663~6 / RAM-2663P~6P

### 330+330W

Hot Swap Redundant Power Supply  
 for RAID, AT, ATX



W154 x D183 x H210mm  
 W6.06 x D7.20 x H8.27inch



**CB CE**

#### Features:

Hot swap power module operation, easy to install, zero transfer time
Active power factor correction (RAM-2663P ~ RAM-2666P)
Current sharing output
Power fail, fan fail alarm and TTL signal
Remote control power on/off, remote sense for heavy load drop
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 burn-in test.
Meet Intel ATX 2.01 / 2.03 / ATX 12V
UL, cUL, TUV, CB certified (module).

#### Specification:

INPUT	Voltage	RAM-2663 ~ RAM-2666: AC input 90V ~ 132V, 180V-264V, auto sensing or switch selected RAM-2663P ~ RAM-2666P: AC input 90V ~ 264V, universal full range					
	Frequency	47 ~ 63 Hz					
	Current	RAM-2663 ~ RAM-2666: <8A@115V; <4.5A@230V. Single module AC input full load condition. RAM-2663P ~ RAM-2666P: <8A@100VAC. AC input single module full load condition.					
	Inrush Current	<40A@ 115V; <80A@230V. SingleModule AC input full load condition. Cold start at 25 ambient .					
	Leakage Current	<2mA @ 264V AC input					
	Power Factor	Meet IEC 1000-3-2 class D, P.F.>0.95 (RAM-2663P ~ RAM -2666P)					
	OUTPUT	Voltage	<b>+3.3V</b>	<b>+5V</b>	<b>+12V</b>	<b>-5V</b>	<b>-12V</b>
Min. Load		0 A	3 A	1 A	0 A	0 A	0 A
Max. Load		45 A	75 A	16 A	0.5 A	1A	2A
Regulation		± 5%	± 5%	± 5%	±5%	±8%	±3%
Ripple Noise (max)		50mV	50mV	120mV	50mV	120mV	50mV
Efficiency (typ)		63%					
Max. Output		+3.3V & +5V: Single Module:<200W; Dual Module:<375W . -5V & -12V: Single Module: <12W Total output of dual module: 500W max continuously					
PROTECTION	Over Voltage Protection	+3.8V~+4.6V	+5.8V~+7.0V	+13.8V~+17.5V	—	—	+5.8V~+7.0V
	Over Load Protection	Output over 105% ~ 150% of rated load, power supply will shut down and latch.					
	Over Temperature Protection	Shut down and latch when power supply's temperature reach 95 (Optional)					
	Short Circuit Protection	Shut down and latch.					
OTHERS	Rise time	<20mS					
	Hold up time	>20mS@230V					
	TTL Signal	Power good signal (for 4 & 6 output models) / PS-ON signal: Hi for power supply off, low for power supply on. (for 6 output models)					
	Alarm	Power fail alarm / Fan fail alarm					
Environment	Cooling	A 37CFM (min.) DC ball bearing Fan in each module					
	Temperature	Operating: 0~70 ; de-rating: 45 ~70 : 2%/ . Storage: -10~+75					
M.T.B.F.	Humidity	Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing)					
	108K hours (for non 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 ft³ / 1Ctn;						



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**Dimension:**

*RAM-2663 / RAM-2663P*

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