



R4B-500G1V2

4U Mini Redundant Power Supply



EPS
12V

ATX
12V



- ELECTRICAL SPECIFICATIONS -

Input Ratings

Input Voltage	100~240VAC, ±10%
Input Frequency	47Hz ~ 63Hz

Output Ratings

Output Voltage	Output Current		Regulation	Output Ripple & Noise Max.(p-p)
	Min.	Max.		
+5V	1A	25A	5%	50mV
+3.3V	1A	25A	5%	50mV
+12V	3A	41A	5%	120mV
-12V	0A	0.8A	10%	150mV
+5VSB	0.1A	3.5A	5%	50mV

Efficiency: >80% Typical at 110V AC full load

Hold up Time: 16m sec. minimum, at full load

REMARKS: 1.Total Max output of +5V and +3.3V not exceed 170W
2.Power module Total output power not exceed 500W
3.Noise bandwidth is from DC to 20MHz.

Protections

Over Voltage Protection / Over Power Protection
Short Circuit Protection / No Load Operation
Power system fault signal(Audible buzzer/Buzzer status/LED indicator status)

Function

Power Good Signal	100ms~500ms, TTL compatible signal
Power Fail Delay	>1msec., TTL compatible signal

Environmental

Operating Temperature	0°C to 45°C
Storage Temperature	-20°C to +70°C
Humidity	Operating: 5% to 90%, non-condensing

Safety & EMI/RFI

Safety Standards	UL / CUL
	TUV Rheinland
EMI/RFI	CB Certification
	FCC part 15, Subpart B, Class B
	EN55022 CISPR22 Class B, CE Make
	EN61000-3-2 EN61000-3-3;1995
	EN61000-4-2, -3, -4, -5, -6, -8, -11

Others

MTBF	>80,000 hours
Coolings	DC FANS on Each Module
Dimension(D x W x H)	200 x 150 x 86 mm / 7.8 x 5.9 x 3.4 inch

- INTRODUCTION -

The R4B Series products of Hot-Swap & Power Sharing redundant Power supply provides increased reliability when integrated a variety of Systems. The R4B series is ideally suited to telecommunications and Industrial system, as well as a variety of other applications where system Never shut down.

- FEATURES -

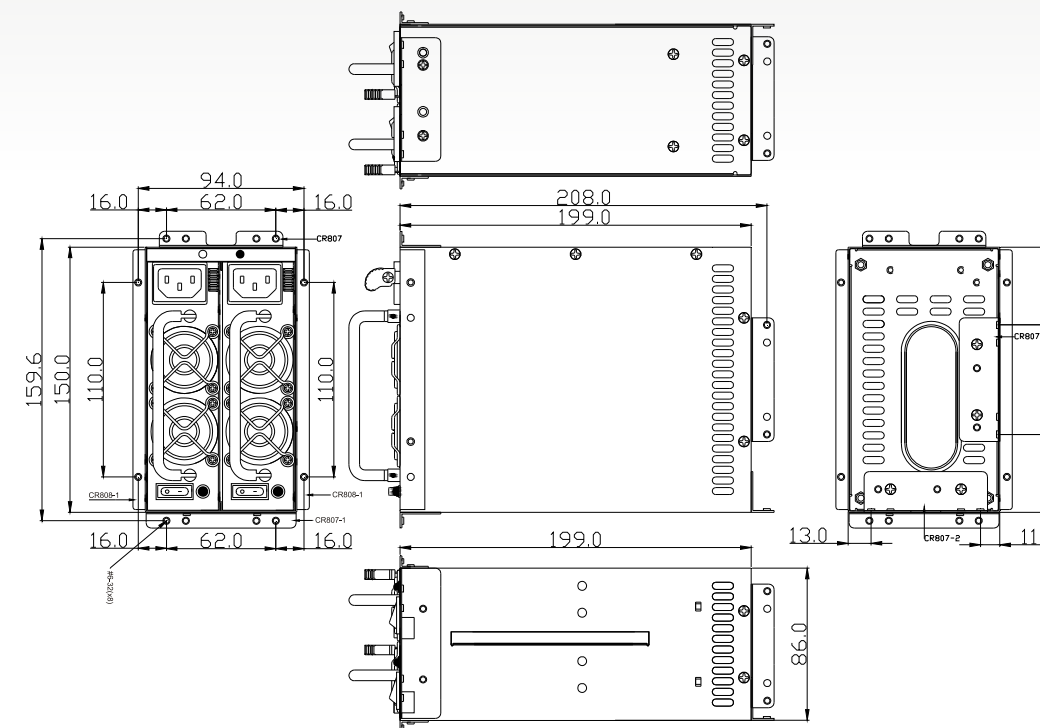
- PS2 Size Design
- Hot-Swappable
- Power Sharing Capability
- MEET EN61000-3-2 CLASS D (ACTIVE PFC).
- High Efficiency

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- MECHANICAL DRAWING -



- PINOUTS OF CONNECTORS -

