



AC/DC 500W Hot Swap Redundant Power Supply with Active PFC and ATX Output



Features

- Short circuit, Overload, Over voltage protection
- LED indicator for Power System Fault Signal
- Safety standard to meet: UL/TUV/CCC/IEC
- EMI Standard: FCC Part 15, Subpart B, Class A / CISPR 22 (EN 55022) Class B

Input

- 100-240Vac 47~63 Hz

Efficiency

- Minimum 80% at full load and 115V/60Hz input

Hold Up Time

- 16msec (minimum)

Remote On/Off

- PSON compatible signal

Power Good

- TTL compatible signal

Cooling

- 40 x 40 x 10 mm fan (magnetic floating bearing)

Output Protection

- Short circuit, overload & over voltage power protection

MTBF

- > 100,000 hours at 25°C

Environment

- Operating Temperature: 0 to 50 °C.
- Operating Humidity: 0% ~ 95%RH relative humidity & non-condensing

EMI/RFI

- FCC Part 15, Subpart B, Class A
- CISPR 22 (EN 55022) Class B.

Safety

- TUV, CUL, UL, CCC

Dimension

- 150 (W) x 200 (D) x 86 (H) mm

Output Table

Output Voltage	+5V	+3.3V	+12V	-12V	+5Vsb
Max Load	25A	25A	41A	0.8A	3.5A
Min Load	1A	1A	1A	0A	0.5A
Load Regulation	+/-5 %	+/-5 %	+/-5 %	+/-10 %	+/-5 %
Ripple Reg. mV	50 mV	50 mV	120 mV	120 mV	50 mV
Noise Reg. mV	60 mV	60 mV	120 mV	120 mV	50 mV

Note 1: The combined total power +5V and +3.3V shall not exceed 170 W. 2. Add 0.1uF/10uF capacitors at output terminals for ripple and noise measurement.

Ordering Information

R4B-500G1V2 AC/DC 500W ATX Hot Swap Redundant Power Supply Unit