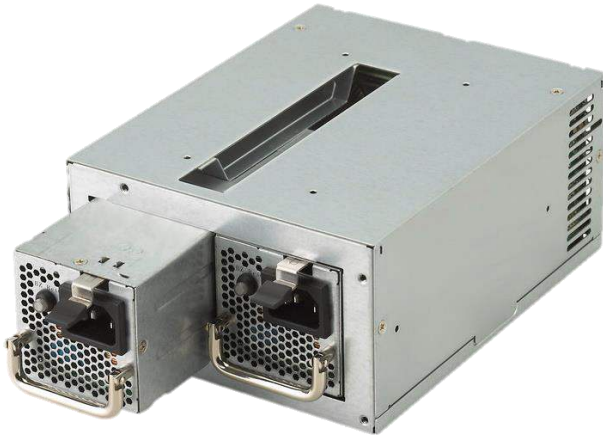


FSP500-50RAB



FEATURES

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Gold
- PMBus V1.2
- Design for 5,000 Meter above sea level
- High Reliability
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

SAFETY STANDARD APPROVAL



DESCRIPTION

FSP500-50RAB is an unique PS2 redundant power supply. It comes to offer the same mechanism as ATX form factor at front side, and the total power capacity up to 500 Watts, plus hot swap features, which makes it to be perfectly fit in a standard tower server chassis, and used in an industrial or home office environment. In addition, the power supply is ideally the best choice for server, workstation, communication or any other automation applications. This product also complies with the latest safety and EMC standards, which is perfectly to meet various regulations worldwide.

GENERAL SPECIFICATIONS

| | | | |
|------------------------|--|---------------|--|
| Dimension (L x W x H): | 190 x 150 x 86 (mm) 7.49 x 5.91 x 3.39 (inch) | Environment | Working temperature: 0°C to 50°C Storage temperature: -20°C to + 80°C Working humidity: 90% RH non-condensing Storage humidity: 90% RH non-condensing |
| Efficiency: | 80 Plus Gold | MTBF: | 100,000 hours of continuous operation at 25°C, Max,-output load |
| Hold-up time: | 115V / 60Hz: ≥ 16ms 230V / 50Hz: ≥ 16ms | Applications: | Workstation ,Storage System ,IPC Controller |
| Operating altitude: | 5,000 meters above sea level | | |

INPUT SPECIFICATIONS

| | |
|------------------|--------------------------|
| Input voltage: | 90-264Vac |
| Input frequency: | 47-63Hz |
| Input current: | 115Vac @ 6A, 230Vac @ 3A |

OUTPUT RATING

| Outputs | +3.3V | +5V | +12V | -12V | +5Vsb |
|--------------|-------|-------|--------|--------|-------|
| Max. | 20.0A | 20.0A | 41.67A | 0.5A | 3.0A |
| Min. | 0.0A | 0.0A | 1.0A | 0.0A | 0.0A |
| Regulation | ±5% | ±5% | ±5% | ±10% | ±5% |
| Ripple/Noise | 50 mV | 50 mV | 120 mV | 120 mV | 50 mV |

The +3.3V and +5V total output shall not exceed 130W

MECHANICAL SPECIFICATIONS

UNIT: mm [inch]

