

### 900W PS2 Redundant

**FSP900-50REB** 



# **FSP900-50REB**

#### **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**

FSP900-50REB 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 900 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)

80 Plus Gold Efficiency:

Hold-up time: 115V / 60Hz: ≥ 16ms

230V / 50Hz: ≥ 16ms

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

100,000 hours of continuous operation at 25°C, Max. output load MTBF:

Operating altitude: 5.000 meters above sea level Applications: Al Server, Workstation, Storage System

#### **INPUT SPECIFICATIONS**

Input voltage: 90-264Vac Input frequency: 47-63Hz

115Vac @ 6A, 230Vac @ 3A Input current:

#### **OUTPUT RATING**

| Outputs      | +3.3V | +5V   | +12V   | -12V   | +5Vsb |
|--------------|-------|-------|--------|--------|-------|
| Max.         | 20.0A | 20.0A | 75.0A  | 0.5A   | 3.0A  |
| Min.         | 0.0A  | 0.0A  | 0.0A   | 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



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**FSP900-50RAE** 

### **MECHANICAL SPECIFICATIONS**

UNIT: mm [inch]



