#### TECHNICAL DATASHEET

### 300W 1U Redundant

FSP300-60RCB



# FSP300-60RCB

#### **FEATURES**

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Bronze
- Hot Swappable Modules
- 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**

Efficiency:

FSP300-50RCB is a standard 1U Redundant switching power supply. The power supply comes to offer the total power capacity up to 300 Watts, which makes it to be perfectly used in an industrial environment. In addition, the power supply is ideally the best choice for IPC controller, workstation, communication or any other automation applications to use. The 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): 260 x 106 x 41.3 (mm)

10.24 x 4.17 x 1.62 (inch)

80 Plus Bronze

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: 85% RH non-condensing Storage humidity: 95% RH non-condensing

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

5.000 meters above sea level Applications: Workstation ,Storage System ,IPC Controller Operating altitude:

#### **INPUT SPECIFICATIONS**

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

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

#### **OUTPUT RATING**

Outputs	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb
Max.	20.0A	20.0A	14.0A	14.0A	0.5A	2.0A
Min.	0.0A	0.0A	0.5A	0.5A	0.0A	0.0A
Regulation	±5%	±5%	±5%	±5%	±10%	±5%
Ripple/Noise	50 mV	50 mV	120 mV	120 mV	120 mV	50 mV

The Max. total DC output power should net exceed 300W The +3.3V and +5V total output shall not exceed 103W



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#### **MECHANICAL SPECIFICATIONS**

UNIT: mm [inch]

