TECHNICAL DATASHEET

500W PS2 Redundant

FSP500-50RAB

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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

c UL us LISTED I.T.E. POWER SUPPLY E190414

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)
Efficiency:	80 Plus Gold
Hold-up time:	115V / 60Hz: ≥ 16ms 230V / 50Hz: ≥ 16ms
Operating altitude:	5,000 meters above sea level

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
MTBF:	100,000 hours of continuous operation at 25˚C, Max,-output load
Applications:	Workstation ,Storage System ,IPC Controller

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

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