TECHNICAL DATASHEET

500W 1U

FSP500-50UCB



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FEATURES

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

SAFETY STANDARD APPROVAL

E190414

DESCRIPTION

FSP500-50UCB is a standard 1U form factor switching power supply. The power supply comes to offer the total power capacity up to 500 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):	190 x 100 x 40.5 (mm) 7.49 x 3.94 x 1.6 (inch)
Efficiency:	80 Plus Bronze
Hold-up time at 100% Loading:	115V / 60Hz: ≥ 10ms 230V / 50Hz: ≥ 12ms
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:	85% RH non-condensing
Storage humidity:	95% 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	-5V*
Max.	14.0A	16.0A	41.0A	0.3A	3.0A	0.1A
Min.	0.0A	0.0A	0.05A	0.0A	0.0A	0.0A
Regulation	±5%	±5%	±5%	±10%	±5%	±10%
Ripple/Noise	50 mV	50 mV	120 mV	120 mV	50 mV	100 mV

The +3.3V and +5V total output shall not exceed 90W
* -5V is optional

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