

TECHNICAL DATASHEET 500W 2U FSP500-50WCB



# FSP500-50WCB

### 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



#### DESCRIPTION

FSP500-50WCB is a standard 2U 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):	200 x 100 x 70 (mm)	Environment	
	7.00 x 3.94 x 2.76 (inch)	Working temperature:	
		Storage temperature:	-20°C to + 80°C
Efficiency:	80 Plus Bronze	Working humidity:	85% RH non-condensing
		Storage humidity:	95% RH non-condensing
Hold-up time at 100%	115V / 60Hz: ≥ 10ms		-
Loading:	230V / 50Hz: ≥12ms	MTBF:	100,000 hours of continuous operation at 25°C, Max,-output load
Operating altitude:	5,000 meters above sea level	Applications:	Workstation, Storage System, IPC Controller

#### **INPUT SPECIFICATIONS**

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

## **OUTPUT RATING**

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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

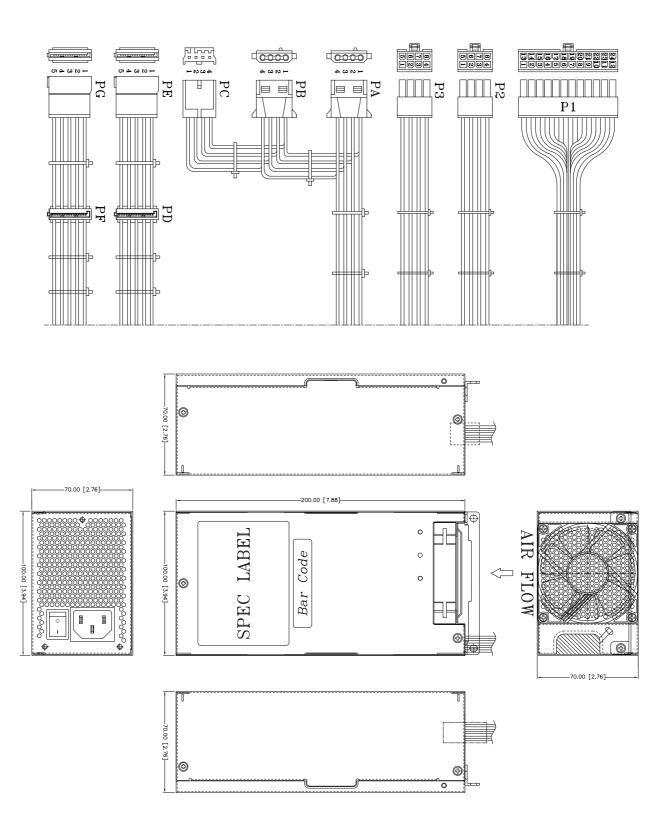
The +3.3V and +5V total output shall not exceed 90W \* -5V is optional



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## **MECHANICAL SPECIFICATIONS**

UNIT: mm [inch]



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