

FSP300-50FFB

FEATURES

- 300W Flex IPC Power Supply
- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Bronze
- Design for 5,000 Meter above sea level
- High Reliability – 24/7 working
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection
- Output over voltage protection



SAFETY STANDARD APPROVAL



DESCRIPTION

FSP300-50FFB is an industrial level of switching power supply. The power supply comes to offer the total power capacity up to 300 Watts, which makes it to be perfectly fit in a standard 1U server chassis, and used in an industrial or small space environment. In addition, the power supply is ideally the best choice for server, 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):	150 x 81.5 x 40.5 (mm) 5.9 x 3.21 x 1.59 (inch)	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
Efficiency:	80 Plus Bronze	MTBF:	100,000 hours of continuous operation at 25°C, Max,-output load
Hold-up time:	115V / 60Hz: ≥ 16ms 230V / 50Hz: ≥ 16ms	Applications:	Workstation, Storage System ,IPC Controller
Operating altitude:	5,000 meters above sea level		

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.	12.0A	14.0A	24.0A	0.3A	2.5A
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 90W

MECHANICAL SPECIFICATIONS

UNIT: mm [inch]

