

FSP300-50FCB



FEATURES

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Gold Level
- Design for 5,000 Meter above sea level
- High Reliability
- Low Ripple & Noise
- Over Current/Temp./Voltage Protection
- 100% Hi-pot tested
- 100% burn-in under high ambient temperature (50°C)

SAFETY STANDARD APPROVAL



DESCRIPTION

FSP300-50FCB is a standard Flex form factor switching power supply. The power supply comes to offer the total power capacity up to 300 Watts, which makes it to be ideally used in an industrial environment. In addition, the power supply is ideally the best choice for IPC controller, networking, 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): 81.5 x 40.50 x 150 (mm)

Efficiency: 80 Plus Gold

Hold-up time at 100% Loading: 115V / 60Hz: $\geq 10\text{ms}$
230V / 50Hz: $\geq 12\text{ms}$

Operating altitude: 5,000 meters above sea level

Environment

Working temperature: 0°C to 50°C

Storage temperature: -40°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: Networking ,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.	12.0A	14.0A	25.0A	0.3A	3.0A
Min.	0.0A	0.0A	0.0A	0.0A	0.0A
Regulation	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 10\%$	$\pm 5\%$
Ripple/Noise	50 mV	50 mV	120 mV	120 mV	50 mV

The +3.3V and +5V total output shall not exceed 70W

MECHANICAL SPECIFICATIONS

UNIT: mm [inch]

