

FSP300-50UDB

FEATURES

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



SAFETY STANDARD APPROVAL



DESCRIPTION

FSP300-50UDB is a standard 1U form factor switching power supply. The power supply comes to offer the total power capacity up to 300 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)	Environment	
Efficiency:	80 Plus Gold	Working temperature:	0°C to 50°C
Hold-up time:	115V / 60Hz: ≥ 15ms 230V / 50Hz: ≥ 17ms	Storage temperature:	-20°C to + 80°C
Operating altitude:	5,000 meters above sea level	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.	12.0A	14.0A	25.0A	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 75W

* -5V is optional

MECHANICAL SPECIFICATIONS

UNIT: mm [inch]

