

# FSP400-50AMB

## FEATURES



- 400W ATX IPC Power Supply
- Meet ATX 3.0 Specifications
- 80 PLUS Bronze
- Internal 8 cm fan with IEC 62368
- Low Ripple & Noise
- Support OCP, OTP and OVP circuit protection
- Short circuit protection on all outputs
- Global Safety (CB,CE,UL,FCC,TUV,EMC,UKCA)

## SAFETY STANDARD APPROVAL



## DESCRIPTION

FSP400-50AMB is an industrial level switching power supply, in compliance with ATX 3.0 Specifications. This model offers total power capacity of up to 400 Watts, equipped with electrical components subject to high loads, perfect for usage in industrial environments free from downtime. In addition, with its full range input and output electrical features, this power supply is the best choice for server, workstation, communication or any other automation application. This model also complies with the latest safety and EMC standards, to meet various regulations worldwide.

## GENERAL SPECIFICATIONS

Dimension (L x W x H):	140 x 150 x 86 (mm)	Environment	
Efficiency:	85 % minimum	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
Hold-up time at 100% loading:	115V / 60Hz: ≥ 13ms 230V / 50Hz: ≥ 13ms	MTBF (MIL-HDBK-217):	100,000 hours of continuous operation at 25°C, maximum output load
Leakage Current:	max. 3.5mA-rms	Applications:	Workstation, Storage System, IPC Controller

## INPUT SPECIFICATIONS

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

## Output Rating

Outputs	+3.3V	+5V	+12V1	-12V	+5Vsb
Max.	20A	21A	33A	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 105watts.

**MECHANICAL SPECIFICATIONS**

UNIT: mm

