



FSP300-50FCC

Features

- Certified CB 62368-1
- 80 Plus BRONZE Efficiency
- Intel Design Flex ATX 12V V1.22
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

SAFETY STANDARD APPROVAL



DESCRIPTION

FSP 50FCC Series features with eco-friendly design, which allows 50FCC series to reach up to 85% efficiency. 50FCC series also equipped with complete protection to prevent your system from damage. 50FCC series does the job efficiently and reliably, making it a stable power supply unit built to satisfy the demands of all kind of system build.

GENERAL SPECIFICATIONS

Dimension:	81.5 x 40.5 x 150 (mm)	Environment	
(L x W x H)	3.21 x 1.59 x 5.91 (inch)		
Efficiency:	80 Plus BRONZE Efficiency		
Hold-up time:	115V / 60Hz: ≥ 17ms 230V / 50Hz: ≥ 17ms	Working temperature:	0°C to 50°C
Operating altitude	5,000 meters above sea level	Storage temperature:	-40°C to + 70°C
MTBF:	100,000 hours of continuous operation at 25°C, Max. output load	Working humidity:	~95% RH non-condensing
		Storage humidity:	~95% RH non-condensing

INPUT SPECIFICATIONS

Input voltage:	90-264Vac
Input frequency:	47-63Hz
Input current:	115 Vac @ 4.5A, 230 Vac @ 2A

OUTPUT RATING

Outputs	+3.3V	+5V	+12V	-12V	+5Vsb
Max	12A	12A	20A	0.3A	2.5A
Min.	0.1A	0.1A	0.1A	0A	0.045A
Regulation	±5%	±5%	-4%~+6%	±10%	±5%
Ripple/Noise	50 mV	50 mV	120 mV	120 mV	50 mV

(1) The +3.3V and +5V total output shall not exceed 75W.

(2) Maximum combined current for the +12V outputs shall be 20A.

MECHANICAL SPECIFICATIONS

