

FSP1000-57ACA

Features

- Certified CB 62368
- 80 Plus Gold Efficiency
- Intel Design ATX 12V V3.0
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection



SAFETY STANDARD APPROVAL



DESCRIPTION

FSP 57ACA Series features with eco-friendly design, which allows 57ACA series to reach up to 90% efficiency. 57ACA series also equipped with complete protection to prevent your system from damage. 57ACA 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:	150 x 150 x 86 (mm)	Environment	
(L x W x H)	5.91 x 5.91 x 3.39 (inch)	Working temperature:	0°C to 50°C @80% load 0°C to 40°C @100% load
Efficiency:	80 Plus Gold Efficiency	Storage temperature:	-40°C to + 70°C
Hold-up time:	115V / 60Hz: ≥ 16ms @80% load 230V / 50Hz: ≥ 16ms @80% load	Working humidity:	~90% RH non-condensing
Operating altitude	5,000 meters above sea level	Storage humidity:	~90% RH non-condensing
MTBF:	100,000 hours of continuous operation at 25°C, Max. output load		

INPUT SPECIFICATIONS

Input voltage:	90-264Vac
Input frequency:	47-63Hz
Input current:	115 Vac @ 14A, 230 Vac @ 7A

OUTPUT RATING

Outputs	+3.4V	+5.15V	+12.0V	-12V	+5.05Vsb
Max	20A	20A	137.5A	0.3A	3A
Min.	0A	0A	0A	0A	0A
Regulation	+1%~-0.5%	+1%~-0.5%	+1%~-0.5%	±1%	+2%~-0.5%
Ripple/Noise	30 mV	30 mV	80 mV	30 mV	30 mV

- (1) The +3.3V and +5V total output shall not exceed 120W.
- (2) Maximum combined current for the +12V outputs shall be 83.34A.

MECHANICAL SPECIFICATIONS

