



FSP850-57ALC

Features

- Certified CB 62368
- 80 Plus Platinum Efficiency
- Intel Design ATX 12V V3.1
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

SAFETY STANDARD APPROVAL



DESCRIPTION

FSP 57ALC Series features with eco-friendly design, which allows 57ALC series to reach up to 92% efficiency. 57ALC series also equipped with complete protection to prevent your system from damage. 57ALC 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:	140 x 150 x 86 (mm)	Environment	
(L x W x H)	5.51 x 5.91 x 3.39 (inch)		
Efficiency:	80 Plus Platinum Efficiency	Working temperature:	0°C to 40°C
Hold-up time:	115V / 60Hz: ≥ 16ms @80% load 230V / 50Hz: ≥ 16ms @80% load	Storage temperature:	-20°C to + 70°C
Operating altitude	5,000 meters above sea level	Working humidity:	~90% RH non-condensing
MTBF:	100,000 hours of continuous operation at 25°C, Max. output load	Storage humidity:	~95% RH non-condensing

INPUT SPECIFICATIONS

Input voltage:	100-240Vac
Input frequency:	50-60Hz
Input current:	115 Vac @ 11A, 230 Vac @ 5.5A

OUTPUT RATING

Outputs	+3.3V	+5V	+12V	-12V	+5Vsb
Max	20A	20A	70.83A	0.3A	3A
Min.	0A	0A	0A	0A	0A
Regulation	±5%	±5%	±3%	±3%	±5%
Ripple/Noise	40 mV	40 mV	80 mV	80 mV	50 mV

(1) The +3.3V and +5V total output shall not exceed 100W.

(2) Maximum combined current for the +12V outputs shall be 70.83A.

MECHANICAL SPECIFICATIONS

