



FSP750-50AEC

Features

- Certified CB 62368-1
- 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 50AEC Series features with eco-friendly design, which allows 50AEC series to reach up to 90% efficiency. 50AEC series also equipped with complete protection to prevent your system from damage. 50AEC 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)
(L x W x H)	5.51 x 5.91 x 3.39 (inch)
Efficiency:	80 Plus Gold Efficiency

Environment

Working temperature: 0°C to 40°C

Hold-up time:	115V / 60Hz: ≥ 16ms 230V / 50Hz: ≥ 16ms
Operating altitude	2,000 meters above sea level

Storage temperature: -40°C to + 70°C

MTBF:	100,000 hours of continuous operation at 25°C, Max. output load
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Working humidity: ~95% RH non-condensing

Storage humidity: ~95% RH non-condensing

INPUT SPECIFICATIONS

Input voltage:	100-240Vac
Input frequency:	50-60Hz
Input current:	115 Vac @ 9.5A, 230 Vac @ 4A

OUTPUT RATING

Outputs	+3.3V	+5V	+12V	-12V	+5Vsb
Max	20A	20A	62.5A	0.3A	3A
Min.	0A	0A	0A	0A	0A
Regulation	±5%	±5%	±5%	±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 100W.
 (2) Maximum combined current for the +12V outputs shall be 62.5A.

MECHANICAL SPECIFICATIONS

