



FSP400-50EGN

Features

- Certified CB 62368-1
- 80 Plus GOLD Certification
- Intel Design ATX 12V V2.52
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

SAFETY STANDARD APPROVAL



DESCRIPTION

FSP 50EGN Series features with eco-friendly design, which allows 50EGN series to reach up to 90% efficiency. 50EGN series also equipped with complete protection to prevent your system from damage. 50EGN 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)	Working temperature:	0°C to 40°C
Efficiency:	80 Plus GOLD Certification	Storage temperature:	-40°C to + 70°C
Hold-up time:	115V / 60Hz: ≥ 16ms	Working humidity:	~85% RH non-condensing
Operating altitude	10,000 ft above sea level	Storage humidity:	~95% 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 @ 6A, 230 Vac @ 3A

OUTPUT RATING

Outputs	+3.3V	+5V	+12V	-12V	+5Vsb
Max	24/13.63A	8/15A	32A	0.3A	3A
Min.	0.2A	1A	1A	0A	0A
Regulation	±5%	±5%	±5%	±10%	±5%
Ripple/Noise	50 mV	50 mV	120 mV	200 mV	50 mV

(1) The +3.3V and +5V total output shall not exceed 120W.

-When +3.3V is load to 24A, the +5V maximum load is 8A.

-When +5V is load to 15A, the +3.3V maximum load is 13.63A.

MECHANICAL SPECIFICATIONS

