



## FSP350-50EGN

### 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

<b>Dimension:</b>	140 x 150 x 86 (mm)	<b>Environment</b>	
<b>(L x W x H)</b>	5.51 x 5.91 x 3.39 (inch)	<b>Working temperature:</b>	0°C to 40°C
<b>Efficiency:</b>	80 Plus GOLD Certification	<b>Storage temperature:</b>	-40°C to + 70°C
<b>Hold-up time:</b>	115V / 60Hz: ≥ 16ms	<b>Working humidity:</b>	~85% RH non-condensing
<b>Operating altitude</b>	10,000 ft above sea level	<b>Storage humidity:</b>	~95% RH non-condensing
<b>MTBF:</b>	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	21/8.5A	6.7/15A	28A	0.3A	2.5A
Min.	0.1A	0.2A	0.1A	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 103W.

-When +3.3V is load to 21A, the +5V maximum load is 6.7A.

-When +5V is load to 15A, the +3.3V maximum load is 8.5A.

**MECHANICAL SPECIFICATIONS**

