



## FSP750-27SCB

### Features

- Certified CB 62368-1
- 80 Plus GOLD Certification
- Intel Design Guide ATX 12VO Rev. 002
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

### SAFETY STANDARD APPROVAL



### DESCRIPTION

FSP 27SCB Series features with eco-friendly design, which allows 27SCB series to reach up to 90% efficiency. 27SCB series also equipped with complete protection to prevent your system from damage. 27SCB 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>	100 x 125 x 63.5 (mm)
<b>(L x W x H)</b>	3.94 x 4.92 x 2.50 (inch)
<b>Efficiency:</b>	80 Plus Gold Certification
<b>Hold-up time:</b>	115V / 60Hz: ≥ 16ms 230V / 50Hz: ≥ 16ms (at 90% continuous output load)
<b>Operating altitude</b>	5,000 meters above sea level
<b>MTBF:</b>	100,000 hours of continuous operation at 25°C, Max. output load

### Environment

<b>Working temperature:</b>	0°C to 40°C
<b>Storage temperature:</b>	-40°C to + 70°C
<b>Working humidity:</b>	~90% RH non-condensing
<b>Storage humidity:</b>	~90% RH non-condensing

### INPUT SPECIFICATIONS

Input voltage:	90-264Vac
Input frequency:	47-63Hz
Input current:	115 Vac @ 10A, 230 Vac @ 5A

## OUTPUT RATING

Outputs	+12V			+12Vsb
Max Current	62.5A	infinite	-	1.5A
Peak Current	100% Load	100 ms	50% duty	
	120% Load	10 ms	25% duty	
	130% Load	1 ms	20% duty	
	150% Load	100 us	10% duty	
Ripple/Noise	120 mV			120 mV

(1) The +12 and +12Vsb total output shall not exceed 750W.

(2) The PSU shall deliver total power output wattages continuously when ambient temperature is under 40°C without damage and the maximum fan speed shall be controlled by fan curve chart.

## MECHANICAL SPECIFICATIONS

