

TECHNICAL DATASHEET SFX 650W FSP650-27SCB



FSP650-27SCB

Features

- Certified CB 62368-1
- 80 Plus GOLD Efficiency
- 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

Dimension:	100 x 125 x 63.5 (mm)	Environment	
(L x W x H)	3.94 x 4.92 x 2.50 (inch)	Environment	
Efficiency:	80 Plus Gold Efficiency	Working temperature:	0°C to 40°C
Hold-up time:	115V / 60Hz: ≥ 16ms	Storage temperature:	-40°C to + 70°C
	230V / 50Hz: ≥ 16ms		
	(at 90% continuous output load)		
Operating altitude	5,000 meters above sea level	Working humidity:	~90% RH non-condensing
MTBF:	100,000 hours of continuous	Storage humidity:	~90% RH non-condensing
	operation at 25°C, Max. output load		

INPUT SPECIFICATIONS

Input voltage:90-264VacInput frequency:47-63HzInput current:115 Vac @ 10A, 230 Vac @ 5A© 2021 FSP Group. All Rights Reserved. All trademarks are registered to their respective owners.
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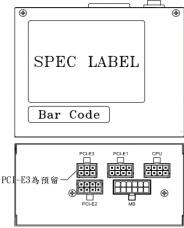
OUTPUT RATING

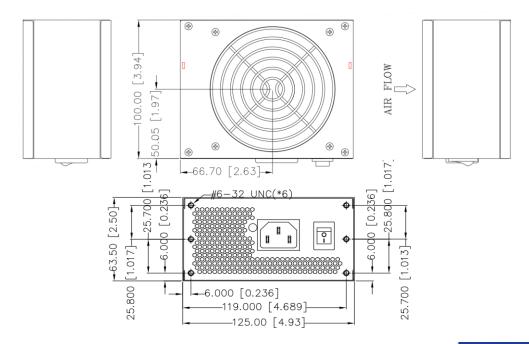
Outputs	+12V			+12Vsb
Max Current	54.17A	infinite	-	1.5A
Peak Current	100% Load	100 ms	50% duty	
	120% Load	10 ms	25% duty	
	130% Load	1 ms	20% duty	
	150% Load	100 us	10% duty	
Ripple/Noise	120 mV		120 mV	

(1) The +12 and +12Vsb total output shall not exceed 650W.

(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





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