



## FSP650-57SAB

### Features

- Certified CB 62368-1
- 80 Plus GOLD Efficiency
- Intel Design SFX 12V V3.42
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

### SAFETY STANDARD APPROVAL



### DESCRIPTION

FSP SAB Series features with eco-friendly design, which allows SAB series to reach up to 90% efficiency. SAB series also equipped with complete protection to prevent your system from damage. SAB 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)  
**(L x W x H)** 3.94 x 4.92 x 2.50 (inch)  
**Efficiency:** 80 Plus Gold Efficiency

**Hold-up time:** 115V / 60Hz: ≥ 16ms  
**Operating altitude** 10,000 ft above sea level

**MTBF:** 100,000 hours of continuous operation at 25°C, Max. output load

#### Environment

**Working temperature:** 10°C to 40°C

**Storage temperature:** -40°C to + 70°C

**Working humidity:** 85% RH non-condensing

**Storage humidity:** 95% RH non-condensing

### INPUT SPECIFICATIONS

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

## OUTPUT RATING

Outputs	+3.3V	+5V	+12V	-12V	+5Vsb
Max	20A	20A	54A	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	120 mV	50 mV

The +3.3V and +5V total output shall not exceed 120W

## MECHANICAL SPECIFICATIONS

