

## FSP1000-27ARB

### Features

- Certified CB 62368
- 80 Plus GOLD Efficiency
- Intel Design Guide ATX 12VO Rev. 2.0
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection



### SAFETY STANDARD APPROVAL



### DESCRIPTION

FSP 27ARB Series features with eco-friendly design, which allows 27ARB series to reach up to 90% efficiency. 27ARB series also equipped with complete protection to prevent your system from damage. 27ARB 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)  
**(L x W x H)** 5.51 x 5.91 x 3.39 (inch)  
**Efficiency:** 80 Plus Gold Efficiency

**Hold-up time:** 115V / 60Hz: ≥ 16ms  
230V / 50Hz: ≥ 16ms  
(at 90% continuous output load)

**Operating altitude** 5,000 meters above sea level

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

#### Environment

**Working temperature:** 0°C to 50°C

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

**Working humidity:** ~90% RH non-condensing

**Storage humidity:** ~90% RH non-condensing

### INPUT SPECIFICATIONS

**Input voltage:** 100-240Vac  
**Input frequency:** 50-60Hz  
**Input current:** 115 Vac @ 13A, 230 Vac @ 6A

**OUTPUT RATING**

AC INPUT	100-240V	
DC OUTPUT	+12V	+12VSB
MAX CURRENT	83.33A	1.5A
MAX COMBINE	1000W	18W
TOTAL	1000W	

(1) +12V and +12Vsb total output shall not exceed 1000W.

(2) The PSU shall deliver total power output wattages continuously when ambient temperature is under 50°C without damage and the maximum fan speed shall be controlled by fan curve chart.

**MECHANICAL SPECIFICATIONS**

