



FSP750-50ABB

Features

- Certified CB 62368-1
- 80 Plus GOLD Efficiency
- Intel Design ATX 12V V2.52
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

SAFETY STANDARD APPROVAL



DESCRIPTION

FSP 50ABB Series features with eco-friendly design, which allows 50ABB series to reach up to 90% efficiency. 50ABB series also equipped with complete protection to prevent your system from damage. 50ABB 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: 150 x 150 x 86 (mm)
(L x W x H) 5.91 x 5.91 x 3.39 (inch)
Efficiency: 80 Plus Gold Efficiency

Hold-up time: 115V / 60Hz: ≥ 16ms
230V / 50Hz: ≥ 16ms
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: 90-264Vac
Input frequency: 47-63Hz
Input current: 115 Vac @ 10A, 230 Vac @ 5A

OUTPUT RATING

| Outputs | +3.3V | +5V | +12V | -12V | +5Vsb |
|--------------|-------|-------|-------|--------|-------|
| Max | 20A | 20A | 62.5A | 0.3A | 2.5A |
| Min. | 0A | 0A | 0A | 0A | 0A |
| Regulation | ±3% | ±3% | ±1% | ±10% | ±3% |
| Ripple/Noise | 30 mV | 30 mV | 60 mV | 100 mV | 30 mV |

(1) The +3.3V and +5V total output shall not exceed 100W.

(2) Maximum combined current for the +12V outputs shall be 62.5A.

MECHANICAL SPECIFICATIONS

