

FSP850-50AAC

Features

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



SAFETY STANDARD APPROVAL



DESCRIPTION

FSP 50AAC Series features with eco-friendly design, which allows 50AAC series to reach up to 85% efficiency. 50AAC series also equipped with complete protection to prevent your system from damage. 50AAC 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) | Environment | |
| (L x W x H) | 5.91 x 5.91 x 3.39 (inch) | Working temperature: | 0°C to 40°C |
| Efficiency: | 80 Plus Bronze Efficiency | Storage temperature: | -20°C to + 70°C |
| Hold-up time: | 115V / 60Hz: ≥ 16ms 230V / 50Hz: ≥ 16ms | Working humidity: | ~95% RH non-condensing |
| Operating altitude | 5,000 meters above sea level | Storage humidity: | ~95% RH non-condensing |
| MTBF: | 100,000 hours of continuous operation at 25°C, Max. output load | | |

INPUT SPECIFICATIONS

| | |
|------------------|------------------------------|
| Input voltage: | 90-264Vac |
| Input frequency: | 47-63Hz |
| Input current: | 115 Vac @ 9.5A, 230 Vac @ 5A |

OUTPUT RATING

| Outputs | +3.3V | +5V | +12V | -12V | +5Vsb |
|--------------|-------|-------|--------|--------|-------|
| Max | 20A | 20A | 70.83A | 0.3A | 2.5A |
| Min. | 0A | 0A | 0A | 0A | 0A |
| Regulation | ±5% | ±5% | ±5% | ±10% | ±5% |
| Ripple/Noise | 50 mV | 50 mV | 120 mV | 120 mV | 50 mV |

- (1) The +3.3V and +5V total output shall not exceed 100W.
- (2) Maximum combined current for the +12V outputs shall be 70.83A.

MECHANICAL SPECIFICATIONS

