

TECHNICAL DATASHEET ATX 850W FSP850-50ABB



FSP850-50ABB

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) | Environment | |
|--------------------|-------------------------------------|----------------------|------------------------|
| (L x W x H) | 5.91 x 5.91 x 3.39 (inch) | Environment | |
| Efficiency: | 80 Plus Gold Efficiency | Working temperature: | 0°C to 50°C |
| | | | |
| Hold-up time: | 115V / 60Hz: ≥ 16ms | Storage temperature: | -40°C to + 70°C |
| | 230V / 50Hz: ≥ 16ms | | |
| 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: | 90-264Vac |
|------------------|-----------------------------|
| Input frequency: | 47-63Hz |
| Input current: | 115 Vac @ 10A, 230 Vac @ 5A |

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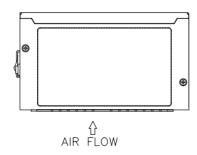
OUTPUT RATING

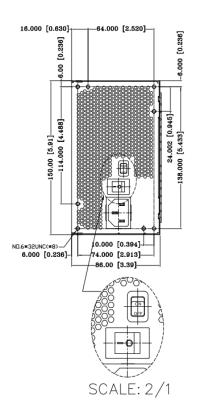
| Outputs | +3.3V | +5V | +12V | -12V | +5Vsb |
|--------------|-------|-------|--------|--------|-------|
| Max | 20A | 20A | 70.83A | 0.3A | 2.5A |
| Min. | 0A | 0A | 0A | 0A | 0A |
| Regulation | ±3% | ±3% | ±1% | ±10% | ±3% |
| Ripple/Noise | 30 mV | 30 mV | 60 mV | 100 mV | 30 mV |

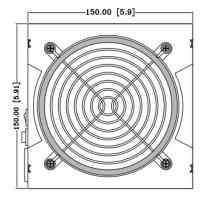
(1) The +3.3V and +5V total output shall not exceed 120W

(2) Maximum combined current for the +12V outputs shall be 70.83A.

MECHANICAL SPECIFICATIONS







AIR FLOW

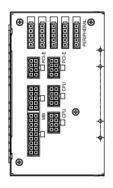
SPEC LABEL

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CODE

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