

FSP500-70ACB

FEATURES

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Platinum Level
- High Reliability
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection



SAFETY STANDARD APPROVAL



DESCRIPTION

FSP500-70ACB is a standard ATX form factor switching power supply. The power supply comes to offer the total power capacity up to 500 Watts, which makes it to be perfectly used in an industrial environment. In addition, the power supply is ideally the best choice for IPC controller, workstation, communication or any other automation applications to use. The product also complies with the latest safety and EMC standards, which is perfectly to meet various regulations worldwide.

GENERAL SPECIFICATIONS

| | | | |
|-------------------------------|--|---------------|--|
| Dimension (L x W x H): | 140 x 150 x 86 (mm) 5.51 x 5.91 x 3.39 (inch) | Environment | Working temperature: 0°C to 50°C Storage temperature: -20°C to + 80°C Working humidity: 85% RH non-condensing Storage humidity: 95% RH non-condensing |
| Efficiency: | 80 Plus Platinum | MTBF: | 100,000 hours of continuous operation at 25°C, Max,-output load |
| Hold-up time at 100% Loading: | 115V / 60Hz: ≥ 12ms 230V / 50Hz: ≥ 16ms | Applications: | Workstation ,Storage System ,IPC Controller |

INPUT SPECIFICATIONS

| | |
|------------------|--------------------------|
| Input voltage: | 90-264Vac |
| Input frequency: | 47-63Hz |
| Input current: | 115Vac @ 8A, 230Vac @ 4A |

OUTPUT RATING

| Outputs | +3.3V | +5V | +12V1 | +12V2 | +5Vsb | -12V* |
|--------------|-------|-------|--------|--------|-------|--------|
| Max. | 24.0A | 20.0A | 18.0A | 18.0A | 3.0A | 0.5A |
| Min. | 0.0A | 0.2A | 0.05A | 0.0A | 0.0A | 0.0A |
| Regulation | ±5% | ±5% | ±5% | ±10% | ±5% | ±10% |
| Ripple/Noise | 50 mV | 50 mV | 120 mV | 120 mV | 50 mV | 120 mV |

The +3.3V and +5V total output shall not exceed 120W
 * -5V max 0.2A, min 0A.

MECHANICAL SPECIFICATIONS

UNIT: mm [inch]

