

FSP300-50UCB

FEATURES

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Bronze
- Design for 5,000 Meter above sea level
- High Reliability
- Low Ripple & Noise
- Over Current Protection
- Over Voltage Protection



SAFETY STANDARD APPROVAL



DESCRIPTION

FSP300-50UCB is a standard 1U form factor switching power supply. The power supply comes to offer the total power capacity up to 300 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): | 190 x 100 x 40.5 (mm) 7.49 x 3.94 x 1.6 (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 Bronze | MTBF: | 100,000 hours of continuous operation at 25°C, Max,-output load |
| Hold-up time at 100% Loading: | 115V / 60Hz: ≥ 10ms 230V / 50Hz: ≥ 12ms | Applications: | Workstation ,Storage System ,IPC Controller |
| Operating altitude: | 5,000 meters above sea level | | |

INPUT SPECIFICATIONS

| | |
|------------------|--------------------------|
| Input voltage: | 90-264Vac |
| Input frequency: | 47-63Hz |
| Input current: | 115Vac @ 6A, 230Vac @ 3A |

OUTPUT RATING

| Outputs | +3.3V | +5V | +12V | -12V | +5Vsb | -5V* |
|--------------|-------|-------|--------|--------|-------|--------|
| Max. | 12.0A | 14.0A | 25.0A | 0.3A | 3.0A | 0.1A |
| Min. | 0.0A | 0.0A | 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 | 100 mV |

The +3.3V and +5V total output shall not exceed 80W

* -5V is optional

MECHANICAL SPECIFICATIONS

UNIT: mm [inch]

