

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)

Efficiency: 80 Plus Platinum

Hold-up time at 100% Loading: 115V / 60Hz: ≥ 12ms
230V / 50Hz: ≥ 16ms

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

MTBF: 100,000 hours of continuous operation at 25°C, Max,-output load

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]

