

FSP850-50FGPH3



FEATURES

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Platinum
- PMBus V1.2
- Design for 5,000 Meter above sea level
- High Reliability
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection

SAFETY STANDARD APPROVAL



DESCRIPTION

FSP850-50FGPH3 is an industrial level of switching power supply. The power supply comes to offer the total power capacity up to 850 Watts, and provides PMBus features, which makes it to be perfectly used in an industrial environment. In addition, the power supply is ideally the best choice for server, 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): 220 x 81.5 x 40.5 (mm)
 8.66 x 3.21 x 1.59 (inch)

Efficiency: 80 Plus Platinum

Hold-up time: 115V / 60Hz: ≥ 10ms
 230V / 50Hz: ≥ 12ms

Operating altitude: 5,000 meters above sea level

Environment

Working temperature: 50°C
 Storage temperature: -20°C to + 80°C
 Working humidity: 90% RH non-condensing
 Storage humidity: 90% RH non-condensing

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

Applications: Server ,Workstation ,Storage System ,IPC

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
Max.	20.0A	20.0A	70.8A	0.5A	3.0A
Min.	0.0A	0.0A	0.1A	0.0A	0.0A
Regulation	±5%	±5%	±5%	±10%	±5%
Ripple/Noise	50 mV	50 mV	120 mV	120 mV	50 mV

The +3.3V and +5V total output shall not exceed 100W

MECHANICAL SPECIFICATIONS

UNIT: mm [inch]

