FSP1200-50FS

FEATURES

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Platinum
- Meet CRPS Standard
- Meet PMBus 1.2
- 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

c**UL**us
E190414

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DESCRIPTION

FSP1200-50FS is a redundant power supply base on CRPS standard. The power supply comes to offer the total power capacity up to 1200 Watts, and provides PMbus features, which makes it be able to communicate with motherboard. In addition, the power supply is ideally the best choice for datacenter, 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):   250 x 76 x 83.8 (mm)
                         9.84 x 3 x 3.3 (inch)

Efficiency: 80 Plus Platinum (Module)

Hold-up time at 100%:   12V = 11ms
Loading   12Vsb = 70ms

Operating altitude: 5,000 meters above sea level

Environment
  Working temperature: 0°C to 55°C
  Storage temperature: -20°C to + 80°C
  Working humidity: 5% to 90% RH non-condensing
  Storage humidity: 5% to 95% RH non-condensing

MTBF (SR-332 Issue 2):   500,000 hours of continuous operation at 55°C, 100% output load

Applications: Storage System , Workstation, Industry Controller

INPUT SPECIFICATIONS

Input voltage: 90-264Vac
Input frequency: 47-63Hz
Input current: 115Vac @ 12A, 230Vac @ 7A

OUTPUT RATING

Outputs	Input Voltage	Min. Current	Max. Current	Total Output Power	
+12V	100~240V	0.5A	80.5A for 90~180VAC 97A for 180~264VAC	966W for 90~180VAC 1164W for 180~264VAC	1000W for 90~180VAC 1200W for 180~264VAC
+3.3V	100~240V	0.0A	30A	180W	
+5V	100~240V	0.0A	30A		
-12V	100~240V	0.0A	0.3	3.6W	
+12Vsb	100~240V	0.0A	5A	22.5W	

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MECHANICAL SPECIFICATIONS

UNIT: mm

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