

FSP550-50FS

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



DESCRIPTION

FSP550-50FS is a 2U redundant power supply base on CRPS standard. The power supply comes to offer the total power capacity up to 550 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 @ 8A, 230Vac @ 4A

OUTPUT RATING

Outputs	Input Voltage	Min. Current	Max. Current	Total Output Power		
+12V	100~240V	0.5A	44A	528W	528W	550W
+3.3V	100~240V	0.0A	20A	140W		
+5V	100~240V	0.0A	20A			
-12V	100~240V	0.0A	0.3	3.6W	3.6W	
+5Vsb	100~240V	0.0A	4A	20W	20W	

MECHANICAL SPECIFICATIONS

UNIT: mm

