

# FSP1200-50FS

### FEATURES

- Certified CB 62368-1
- Meet 80 Plus Platinum (Module)
- 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

FSP1200-50FMS is a redundant power supply base on CRPS standard. The power supply offers 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)	Environment	Working temperature: 0°C to 55°C Storage temperature: -40°C to + 70°C Working humidity: 5% to 90% RH non-condensing Storage humidity: 5% to 95% RH non-condensing
Efficiency:	80 Plus Platinum	MTBF (SR-332 Issue 2):	500,000 hours of continuous operation at 55°C, 100% output load
Hold-up time:	12V = 11ms	Applications:	Storage System , Workstation, Industry Controller
Operating altitude:	5,000 meters above sea level		

### INPUT SPECIFICATIONS

Input voltage: 90-264Vac or HVDC (180~310V)  
Input frequency: 47-63Hz

### OUTPUT RATING

Outputs	Input Voltage	Min. Current	Max. Current
+3.3V	90~264V	0.0A	30A
+5V	90~264V	0.0A	30A
+12V	180~264V	1A	97A
-12V	90~264V	0.0A	0.3A
+5Vsb	90~264V	0.0A	5.0A

Note: 1. 100Vac to 127Vac, 12V rating current is 80.5A  
2. 3.3V+5V combined output does not exceed 180W.

**MECHANICAL SPECIFICATIONS**

UNIT: mm

