

FSP1300-20FM

FEATURES

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Platinum
- Meet CRPS 2.0
- 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

FSP1300-20FM is a redundant power supply module base on CRPS 2.0 standard. The power supply comes to offer the total power capacity up to 1200 Watts, and provides PMbus features, which makes it to be able 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):	185 x 73.5 x 39 (mm) 7.28 x 2.89 x 1.53 (inch)	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
Efficiency:	80 Plus Platinum	MTBF (SR-332 Issue 2):	250,000 hours of continuous operation at 45°C, 75% output load
Hold-up time, High line:	Max. load at 12V >10ms	Applications:	Storage System , Workstation, Industry Controller
Hold-up time, Low line:	Max. load at 12V >10ms		
Operating altitude:	5,000 meters above sea level		

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	CLST Peak 20 Sec. duration	CLST Peak 10m Sec. duration	Pmax Peak 100µ Sec. duration
+12V	90~120V	0.5A	80.5A	Rated +6.0A	Rated +30.0A	Rated +45.0A
+12V	180~264V	0.5A	105.3A	Rated +6.0A	Rated +30.0A	Rated +45.0A
+12Vsb	90~264V	0.0A	3.0A	4.0A	NA	NA

Note: 90Vac to 120Vac, rating current is 80.5A
180Vac to 264Vac, rating current is 105.3A

MECHANICAL SPECIFICATIONS

UNIT: mm

