

FSP1300-20HM

FEATURES

- Certified CB 62368-3 & CB 60950-1
- Meet 80 Plus Titanium
- Meet CRPS standard
- Meet PMBus 1.2
- Support HVDC Input
- 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

FSP1300-20HM is a redundant power supply module base on CRPS standard. The power supply comes to offer the total power capacity up to 1300 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: -40°C to + 70°C Working humidity: 5% to 90% RH non-condensing Storage humidity: 5% to 95% RH non-condensing
Efficiency:	80 Plus Titanium	MTBF (SR-332 Issue 2):	250,000 hours of continuous operation at 55°C, 75% output load
Hold-up time:	Max. load at 12V >11ms	Applications:	Storage System , Workstation, Industry Controller
Operating altitude:	5,000 meters above sea level		

INPUT SPECIFICATIONS

Input voltage:	90-264Vac or 180Vdc-310Vdc
Input frequency:	47-63Hz

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 +10A	Rated +72A	Rated +105A
+12V	180~264V	0.5A	105.3A	Rated +10A	Rated +72A	Rated +105A
+12Vsb	90~264V	0.0A	3.0A	>4.0A	NA	NA

MECHANICAL SPECIFICATIONS

UNIT: mm

