FSP2000-20FM

FEATURES

- Certified CB 62368-3 & 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

E190414

DESCRIPTION

FSP2000-20FM is a redundant power supply module base on CRPS standard. The power supply comes to offer the total power capacity up to 2000 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): 185 x 73.5 x 39 (mm)
                        7.28 x 2.89 x 1.53 (inch)

Efficiency: 80 Plus Platinum

Hold-up time: 70% of Max. load at 12V >11ms

Operating altitude: 5,000 meters above sea level

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

MTBF (SR-332 Issue 2): 250,000 hours of continuous operation at 55°C, 75% output load

Applications: Storage System , Workstation, Industry Controller

INPUT SPECIFICATIONS

Input voltage: 90-264Vacv or HVDC (180~310V)
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	90~140V	1A	80.5A	Rated +10.0A	Rated +72.0A	Rated +105.0A
+12V	180~200V	1A	130.3A	Rated +10.0A	Rated +72.0A	Rated +105.0A
+12V	200~220V	1A	147A	Rated +10.0A	Rated +72.0A	Rated +105.0A
+12V	220~264V	1A	163.6A	Rated +10.0A	Rated +72.0A	Rated +105.0A
+12Vsb	90~264V	0A	3.0A	4.0A	NA	NA

www.fsp-group.com.tw

MECHANICAL SPECIFICATIONS

UNIT: mm