

FSP3000-20HM

FEATURES

- Certified CB 62368-1
- 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

FSP3000-20HM is a redundant power supply module base on CRPS standard. The power supply comes to offer the total power capacity up to 3000 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)

Efficiency: 80 Plus Titanium

Hold-up time: Max. load at 12V >10ms

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: 90-264Vac 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 | 90~140V | 1A | 82A | - | - | - |
| +12V | 220~264V | 1A | 246A | Rated +10A | Rated +72A | Rated +105A |
| +12Vsb | 90~264V | 0A | 3.0A | 3.5A | NA | NA |

MECHANICAL SPECIFICATIONS

UNIT: mm

