

# FSP800-20FL



## FEATURES

- Certified CB 62368-1 & CB 60950-1
- 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

FSP800-20FL is a redundant power supply module base on CRPS 2.0 standard. The power supply comes to offer the total power capacity up to 800 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

Hold-up time: 12V = 0.16ms when DC input drop

MTBF (SR-332 Issue 2): 250,000 hours of continuous operation at 45°C, 75% output load

Operating altitude: 5,000 meters above sea level

Applications: Storage System , Workstation, Industry Controller

## INPUT SPECIFICATIONS

Input voltage: -36Vdc to -75Vdc  
Input current: 28A @ -36Vdc, 13.5A @ -75Vdc

## 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    | 40~60V        | 1.0A         | 65.0A        | Rated +4.0A                | Rated +20.0A                | Rated +30.0A                 |
| +12Vsb  | 40~60V        | 0.0A         | 2.1A         | >4.0A                      | NA                          | NA                           |

### MECHANICAL SPECIFICATIONS

UNIT: mm

