TECHNICAL DATASHEET

1200W CRPS Module

FSP1200-29FM

FSP1200-29FM

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

c UL us LISTED I.T.E. POWER SUPPLY E190414

DESCRIPTION

FSP1200-29FM 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)

Efficiency: 80 Plus Platinum

Hold-up time: 12V = 10ms

Operating altitude: 5,000 meters above sea level

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

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

Applications: Storage System , Workstation, Industry Controller

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	100~127V	0.0A	80.5A	Rated +6.0A	Rated +30.0A	Rated +45.0A
+12V	200~240V	0.0A	97.0A	Rated +6.0A	Rated +30.0A	Rated +45.0A
+12Vsb	100~240V	0.0A	3.0A	>4.0A	NA	NA

Note: 100Vac to 127Vac, rating current is 80.5A
200Vac to 240Vac, rating current is 97.0A

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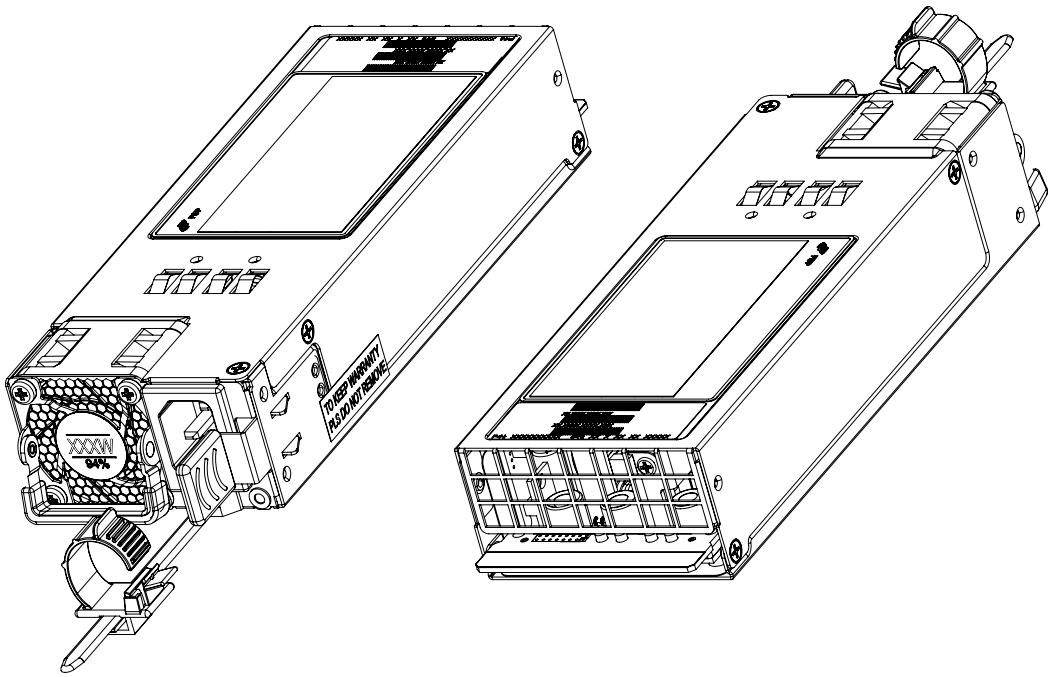
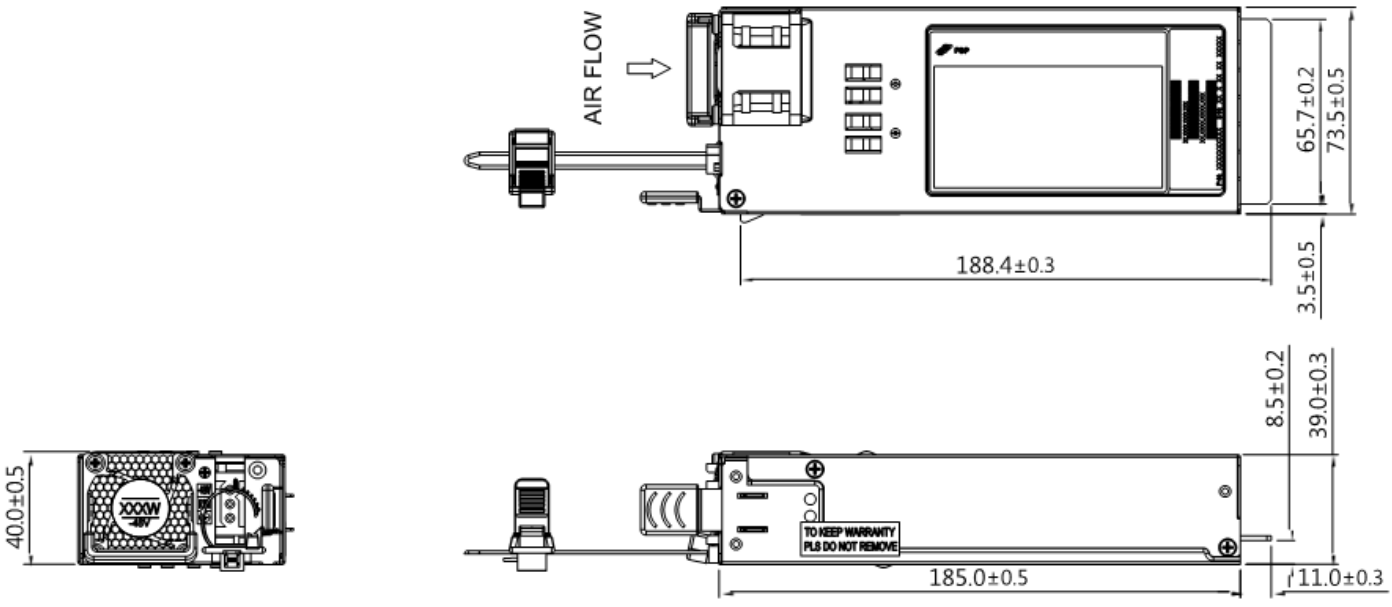
MECHANICAL SPECIFICATIONS

UNIT: mm





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