

# FSP550-29FL



## 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

FSP550-29FL is a redundant power supply module base on CRPS 2.0 standard. The power supply comes to offer the total power capacity up to 550 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):	500,000 hours of continuous operation at 55°C, 100% 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: 20A @ -36Vdc, 9.6A @ -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	44.0A	Rated +3.0A	Rated +15.0A	Rated +22.5A
+12Vsb	40~60V	0.0A	2.1A	>4.0A	NA	NA

**MECHANICAL SPECIFICATIONS**

UNIT: mm

