

FSP-FC250C2

FEATURES

- A high reliability PDB(power distribution board)
- CRPS module compatible
- Fits mounting holes for general PS2 PSU
- Meet PMBus 1.2
- Design for 5,000 Meter above sea level
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection
- Cable Management



(PDB with CRPS Module inserted)

DESCRIPTION

FSP-FC250C2 is a PDB(power distribution board) designed for CRPS (common redundant power supply) based on its standard. It supports total power up to 3200 Watts. In addition, the PDB is featuring its cable manageability and PMBus capability, ideally the best choice for datacenter, workstation, telecom applications. The PDB shipment does not include CRPS module.

GENERAL SPECIFICATIONS

Dimension (L x W x H): 250 x 76 x 83.8 (mm)

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): 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

OUTPUT RATING (FSP-FC250C2)

Output Power	Input Voltage	Current Range	DC Outputs				
			+3.3V	+5V	+12V	-12V	+5VSB
1600W	100~240VAC (1000W)	Min. Current	0A	0A	1A	0A	0A
		Max. Current	12A	24A	80.5A	0.3A	5A
	Combined Power	972W			3.6W	25W	
	200~240VAC (1600W)	Max. Current	12A	24A	130.3A	0.3A	5A
Combined Power		1572W			3.6W	25W	
2000W	100~240VAC (1000W)	Max. Current	12A	24A	80.5A	0.3A	5A
		Combined Power	972W			3.6W	25W
	200~240VAC (2000W)	Max. Current	12A	24A	163.6A	0.3A	5A
		Combined Power	1972W			3.6W	25W

Output Power	Input Voltage	Current Range	DC Outputs				
			+3.3V	+5V	+12V	-12V	+5VSB
2400W	100~240VAC	Max. Current	12A	24A	80.5A	0.3A	5A
		Combined Power	972W			3.6W	25W
	200~240VAC (2400W)	Max. Current	12A	24A	196.7A	0.3A	5A
		Combined Power	2372W			3.6W	25W
2700W	100~240VAC	Max. Current	12A	24A	80.5A	0.3A	5A
		Combined Power	1000W				
	200~240VAC (2700W)	Max. Current	12A	24A	221.4A	0.3A	5A
		Combined Power	2700W				
3000W	100~240VAC	Max. Current	12A	24A	80.5A	0.3A	5A
		Combined Power	1000W				
	210~240VAC (3000W)	Max. Current	12A	24A	80.5A	0.3A	5A
		Combined Power	3000W				
3200W	100~240VAC	Max. Current	12A	24A	80.5A	0.3A	5A
		Combined Power	1000W				
	220~240VAC (3200W)	Max. Current	12A	24A	262.3A	0.3A	5A
		Combined Power	3200W				

* FSP-FC250C2 supports 1600–3200W CRPS modules, while FSP-FC250C supports 550–2400W modules.

MECHANICAL SPECIFICATIONS

UNIT: mm

