

# FSP-FC250



(PDB with CRPS Module inserted)

### FEATURES

- CRPS Module Compatible
- Modular Cable Management
- 2U Narrow Form Factor
- 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

### DESCRIPTION

FSP-FC250 is a PDB(power distribution board) designed for CRPS (common redundant power supply) base on its standard. FSP-FC250 supports total power up to 2400 Watts. In addition, the PDB is featuring its short length and PMBus capability, ideally the best choice for datacenter, workstation, telecom applications.

### GENERAL SPECIFICATIONS

Dimension (L x W x H): 250 x 76 x 84 (mm)  
8.27 x 3 x 3.3 (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

Efficiency: Refer to CRPS Module

Hold-up time at 100%: 12V = 11ms  
Loading 12Vsb = 70ms

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

Output Power	Input Voltage	Current Range	DC Outputs				
			+3.3V	+5V	+12V	-12V	+5VSB
550W	100~240VAC	Min. Current	0A	0A	0.5A	0A	0A
		Max. Current	12A	24A	45.8A	0.3A	5A
		Combined Power	522W			3.6W	25W
800W	100~240VAC	Max. Current	12A	24A	65A	0.3A	5A
		Combined Power	772W			3.6W	25W
		Max. Current	12A	24A	80.5A	0.3A	5A
1200W	100~240VAC (1000W)	Combined Power	972W			3.6W	25W
		Max. Current	12A	24A	97A	0.3A	5A
	200~240VAC (1200W)	Combined Power	1172W			3.6W	25W
		Max. Current	12A	24A	130.3A	0.3A	5A
1600W	100~240VAC (1000W)	Combined Power	972W			3.6W	25W
		Max. Current	12A	24A	80.5A	0.3A	5A
	200~240VAC (1600W)	Combined Power	1572W			3.6W	25W
		Max. Current	12A	24A	130.3A	0.3A	5A

Output Power	Input Voltage	Current Range	DC Outputs				
			+3.3V	+5V	+12V	-12V	+5VSB
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
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

### MECHANICAL SPECIFICATIONS

UNIT: mm

