

CPR-1627-1M1LF

1620W Blade Power Supply Server Module



- Dimension : 241.3 x 216 x 100 mm (D x W x H)
- Max Power : 1200W @ 90 - 140Vac
1620W @ 180 - 240Vac

FEATURES

- Internal OR'ing
- N+1 Redundant
- EEPROM for FRU data
- High efficiency 90%+
- Active Power Factor Correction (APFC) , PF > 0.95
- RoHS compliant for all six substances
- Application for Blade Server



UL, cUL, TUV, CB, CE, CQC, FCC Class A, CISPR Class A, RoHS, CSA

SPECIFICATIONS

▶ INPUT

Voltage	90 - 140Vac / 180 - 264Vac	
Frequency	47 - 63 Hz	
Current	100 - 140V / 14.7 - 10.5A	180 - 240V / 11 - 8.3A

▶ OUTPUT

Voltage	+12V	+5Vsb
Regulation	±5%	±5%
Max Load	1200W : 100A 1620W : 132A	16A
Ripple & Noise	120mVp-p	50mVp-p

▶ GENERAL

Hold-up time	18ms @ 75% Load
Efficiency	At least 90% @ 50% Load
MTBF	100,000 hours at 25 degree C

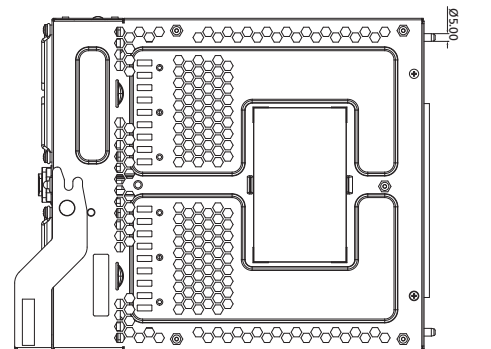
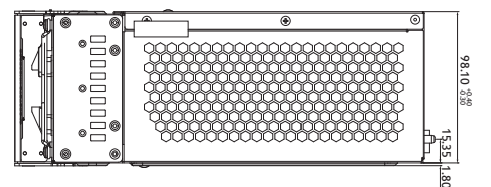
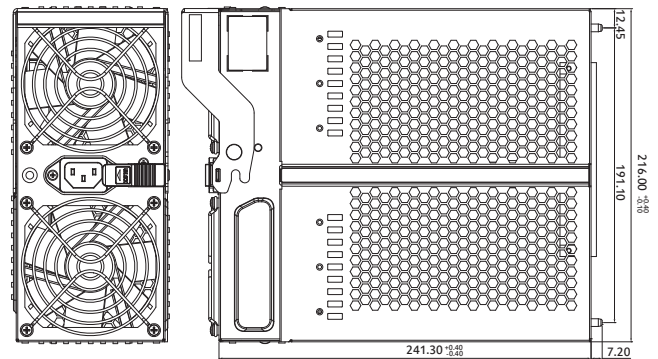
▶ ENVIRONMENTAL

Temperature	10 to 50 degree C Operating
Altitude	10,000 feet Operating
Relative humidity	20% to 90% RH Operating

Note :

1. The total output power can not exceed 1200W / 1620W for low / high line AC input respectively
2. During load changes from minimum to maximum or maximum to minimum the unit must not shut down
3. The outputs can exceed regulation limits (limited to UV/OV criteria) for steps greater than 85 amps

MECHANICAL DRAWING



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