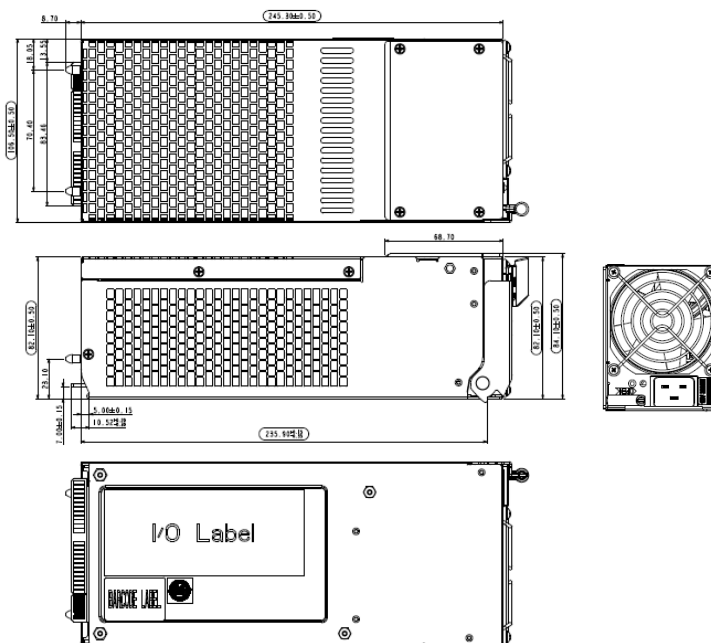


# PWS-3K01A-BR 3000W Redundant Power Supply Specification



## Features and Benefits:

- PMBus 1.2 Support for Remote Management
- Optimized for SuperBlade, GrandTwin systems



- Dimension (W x L x H): 106.5 x 245.3 x 84 mm
- Maximum Output Power: 2880W/3000W



### INPUT CHARACTERISTICS

RATED VOLTAGE / CURRENT	200-207Vac / 16 – 15.7A 207.1-240Vac / 16 -- 14.5A 240Vdc / 15A (China only)
RATED FREQUENCY	50-60Hz
INRUSH CURRENT	Less than 45A
POWER FACTOR	99% Typical
INLET CONNECTOR	IEC 60320 C20

### DC OUTPUT CHARACTERISTICS

MAXIMUM POWER	2880W @ 200-207Vac 3000W @ 207.1-240Vac 2880W @ 240Vdc (CQC only)
EFFICIENCY	96% @ 230Vac, 50% loading
OUTPUT VOLTAGE	+12V : +12Vsb
MAXIMUM OUTPUT CURRENT	240A (2880W) : 3A 250A (3000W)
REGULATION	+5%/- 5% : +5%/- 5%
OUTPUT RIPPLE & NOISE	120mV : 120mV
OUTPUT CONNECTOR	Gold Finger (mate with eHPCE 26P22S connector on midplane)
HOLD UP TIME	PWOK 10ms at 75% Loading 12V 11ms at 75% loading

### GENERAL SPECIFICATIONS

MODEL NUMBER	PWS-3K01A-BR
REMOTE MANAGEMENT	PMBus 1.2 Compatible FRU Data
MTBF	>500,000hours at 30 °C
REDUNDANCY	Hot swappable, N+N, N+1
LEAKAGE CURRENT	Less than 3.5mA
PROTECTION	Output Over Current/Voltage, Short Circuit, Over Temperature, Input Under Voltage

### REGULATORY

SAFETY COMPLIANCE, EMC	UL62368-1 EN60950-1/IEC60950-1 EN62368-1/IEC62368-1 CE Low Voltage Directive FCC Class A, EMI Class A BSMI CQC 5000m
------------------------	--

### ENVIRONMENTAL SPECIFICATIONS

AMBIENT TEMPERATURE	Operating: 0 to 60 °C Non-Operating: -40 to 70 °C
OPERATING ALTITUDE	Operating: to 5000m Non-Operating: to 10580m
RELATIVE HUMIDITY	Operating: 20% to 90% RH (non-condensing) Non-Operating: 5% to 95% RH (non-condensing)