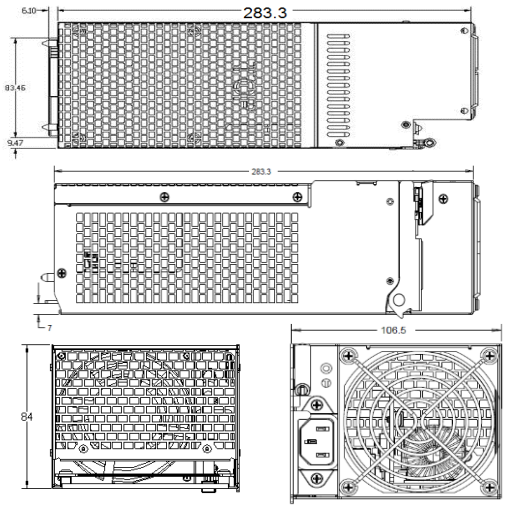
PWS-2K01A-BR

2000W MicroBlade Redundant Power Supply Specification

- Dimension (W x L x H): 106.5 x 283.3 x 84 mm
- Maximum Output Power: 2000W/1980W/1800W/1000W

Features and Benefits:

- Titanium 96%+ Efficiency
- PMBus 1.2 Support for Remote Management
- N+N Redundancy Support



INPUT CHARACTERISTICS	
RATED VOLTAGE / CURRENT	100-127Vac / 12 – 9.5A 200-220Vac / 10 -- 9.5A 220-230Vac / 10 – 9.5A 230-230Vac / 10 -- 9.8A 200-240Vac / 11.8 -- 9.6A (UL/cUL Only)
RATED FREQUENCY	50-60HZ
INRUSH CURRENT	Less than 35A
POWER FACTOR	99% Typical

DC OUTPUT CHARACTERISTICS		
MAXIMUM POWER	1000W @ 100-127Vac 1800W @ 200-220Vac 1980W @ 220-230Vac 2000W @ 230-240Vac 2000W @ 200-240Vac (UL/cUL only)	
EFFICIENCY	80Plus Titanium 96% @ 230Vac, 50% loading	
OUTPUT VOLTAGE	+12V	+12Vsb
MAXIMUM OUTPUT CURRENT	83.3A (1000W) 150A (1800W) 165A (1980W) 166.7A (2000W)	4.2A
REGULATION	+/- 5%	+/- 5%
OUTPUT RIPPLE & NOISE	120mV	120mV
OUTPUT CONNECTOR	Gold Finger (52 Power, 20 Signal pin)	
HOLD UP TIME	PWOK 11ms at 75% Loading 12V 12ms at 75% loading	

GENERAL SPECIFICAIONS	
REMOTE MANAGEMENT	PMBus 1.2 Compatible FRU Data
MTBF	>250000hours at 25 °C
REDUNDANCY	Hot swappable, N+1
LEAKAGE CURRENT	Less than 2mA
PROTECTION	Output Over Current/Voltage, Short Circuit, Over Temperature, Input Under Voltage

REGULATORY	
SAFETY COMPLIANCE	UL60950-1/CSE 60950-1 EN60950-1 IEC60950-1 CB Report CE Low Voltage Directive BSMI CCC GB4943 (China)
EMC	EMI Class A

ENVIRONMENTAL SPECIFICAIONS	
AMBIENT TEMPERATURE	Operating: 0 to 50 °C Non-Operating: -40 to 70 °C
OPERATING ALTITUDE	Operating: to 5000m Non-Operating: to 15200m
RELATIVE HUMIDITY	Operating: to 85% (non-condensing) Non-Operating: to 95% (non-condensing)