PWS-2K03P-1R rev 1.2 2000W 1U Redundant Power Supply Specification





Dimension (W x L x H): 73.5 x 265 x 40 mm Maximum Output Power: 2000W/1980W/1800W/1000W









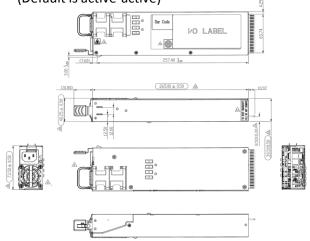


INPUT CHARACTERISTICS	
RATED VOLTAGE / CURRENT	100-120Vac / 12.5 – 10.5A 200-220Vac / 10 9.5A 220-230Vac / 10 9.8A 230-240Vac / 10 9.8A 200-240Vac / 11.8 9.8A (UL/cUL Only 200-240Vdc/11.8—9.8A
RATED FREQUENCY	AC 50-60HZ
INRUSH CURRENT	Less than 45A
POWER FACTOR	>0.95

DC OUTPUT CHARACTERISTI	OUTPUT CHARACTERISTICS		
MAXIMUM POWER	1000W @ 100-12 1800W@200-220 1980W@220-230 2000W @ 230-24 2000W @ 200-24 2000W@230-240	OVac OVac OVac OVac (UL/cUL only)	
EFFICIENCY	80Plus Titanium		
VOLTAGE	+12V	+12Vsb	
MAXIMUM CURRENT	83.3A (1000W) 150A(1800W) 165A(1980W) 166.7A (2000W)	3.5A	
REGULATION	+/-5%	+/-5%	
RIPPLE & NOISE	120mV	120mV	
OUTPUT CONNECTOR	Gold Finger		
HOLD UP TIME	PWOK 10ms min. 12V 11ms min. at	_	

Features and Benefits:

- Platinum 94%+ Efficiency
- PMBus 1.2 Support for Remote Management
- Support Active-Standby in DC-240V Application (Default is active-active)



GENERAL SPECIFICATIONS	
REMOTE MANAGEMENT	PMBus 1.2 Compatible FRU Data
MTBF	>250000hours at 25 $^{\circ}$ C
REDUNDANCY	Hot swappable, N+1
LEAKAGE CURRENT	1.15mA @264Vac Max
PROTECTION	Output Over Current/Voltage, Short Circuit, Over Temperature, Input Under Voltage

REGULATORY		
SAFETY COMPLIANCE	cUL/ UL60950-1 CB(IEC/EN 60950-1) CE BSMI CQC 5000m FCC CCC DC240V	
EMC	EMI Class A	

ENVIRONMENTAL SPECIFICATIONS	
AMBIENT TEMPERATURE	Operating: 0 to 50 °C Non-Operating: -40 to 70 °C
OPERATING ALTITUDE	Operating: to 3050m Non-Operating: to 15200m
RELATIVE HUMIDITY	Operating: to 80% (non-condensing) Non-Operating: to 95% (non-condensing)

Disclaimer: Specification is subject to change without prior notice