PWS-1K21P-1R 1200W 1U Redundant Power Supply Specification





Dimension (W x L x H): 76 x 336 x 40 mm Maximum Output Power: 1200W / 1000W

INPUT CHARACTERISTICS	
RATED VOLTAGE / CURRENT	100-140Vac / 11.5 – 8A 180-240Vac / 8 – 5.5A
RATED FREQUENCY	50-60HZ
INRUSH CURRENT	Less than 30A
POWER FACTOR	0.98 @ max load (Typical)
INLET CONNECTOR	IEC-60320-C14

DC OUTPUT CHARACTERISTICS		
MAXIMUM POWER	1000W @ 100-140Vac 1200W @ 180-240Vac	
EFFICIENCY	80Plus Gold Typical 92%+ @ 230Vac	
VOLTAGE	+12V	+5Vsb
MAXIMUM CURRENT	100A (1200W) 83A (1000W)	4A
REGULATION	+/- 5%	+/- 5%
RIPPLE & NOISE	120mV	50mV
OUTPUT CONNECTOR	19 Pairs Gold Finger	
HOLD UP TIME	PWOK 16ms at 75% of max Loading 12V 17ms at 75% of max loading	

GENERAL SPECIFICATIONS	
REMOTE MANAGEMENT	PMBus 1.1 Compatible FRU Data
MTBF	>150,000hours at 25 °C
REDUNDANCY	Hot swappable, N+1
LEAKAGE CURRENT	Less than 2mA for a single PSU
PROTECTION	OCP, OVP, Short Circuit, Over Temperature, Input Under Voltage

Features and Benefits:

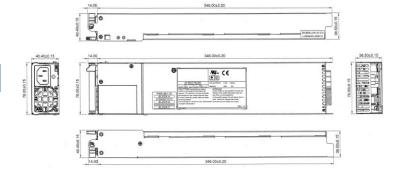
- Gold Level 92% Efficiency
- PMBus Support for Remote Management
- Hot-swappable Redundant

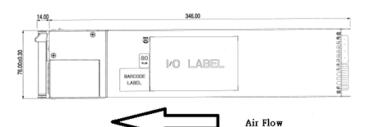












REGULATORY	
SAFETY COMPLIANCE	UL60950-1/CSE 60950-1 EN60950-1 IEC60950-1 CB Report CE Low Voltage Directive BSMI CCC (GB17625.1-2013) (China)
EMC	EMI Class A

ENVIRONMENTAL SPECIFICATIONS		
AMBIENT	Operating: 0 to 50 °C	
TEMPERATURE	Non-Operating: -10 to 60 °C	
OPERATING	Operating: to 3000m	
ALTITUDE	Non-Operating: to 10580m	
RELATIVE HUMIDITY	Operating: 20% to 90% (non-condensing) Non-Operating: 5% to 95% (non-condensing)	

Disclaimer: Specification is subject to change without prior notice