PWS-1K23A-SQ 1000W/1200W 1U Redundant Power Supply Specification





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









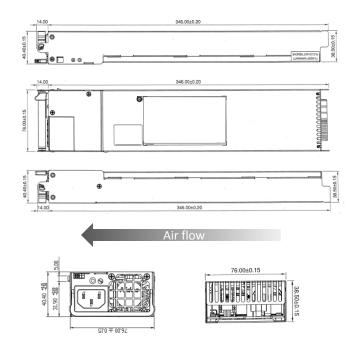
INPUT CHARACTERISTICS		
RATED VOLTAGE / CURRENT	100-127Vac / 15 – 12A 200-240Vac / 8.5 – 7A 200-240Vdc / 8.5 – 7A (For CCC only)	
RATED FREQUENCY	50-60Hz (For AC input)	
INRUSH CURRENT	Less than 55A	
POWER FACTOR	0.98 @ max load (Typical)	
INLET CONNECTOR	IEC-60320-C14	

DC OUTPUT CHARACTERIST	C OUTPUT CHARACTERISTICS		
MAXIMUM POWER	1000W @ 100-127Vac 1200W @ 200-240Vac 1200W @ 200-240Vdc (For CCC Only)		
EFFICIENCY	Typical 96%+ @ 230Vac		
VOLTAGE	+12V	+5Vsb	
MAXIMUM CURRENT	100A (1200W) 83A (1000W)	4A	
REGULATION	+/- 5%	+/- 5%	
RIPPLE & NOISE	120mV	50mV	
OUTPUT CONNECTOR	Gold Finger (19 pair connector)		
HOLD UP TIME	PWOK 11ms at 75% of max Loading 12V 12ms at 75% of max loading		

GENERAL SPECIFICATIONS	ONS	
REMOTE MANAGEMENT	PMBus 1.2 Compatible FRU Data	
MTBF	>200,000hours at 25 °C	
REDUNDANCY	Hot swappable, N+1	
PROTECTION	OCP, OVP, Short Circuit, Over Temperature, Input Under Voltage	

Features and Benefits:

- 96%+ Efficiency
- PMBus 1.2 Support for Remote Management
- FCC Class B for home and office application



REGULATORY	
SAFETY COMPLIANCE	UL60950-1/CSE 60950-1 EN60950-1 IEC60950-1 CB Report CE Low Voltage Directive BSMI CCC (GB17625.1-2013) (China) FCC Class B
EMC	EMI Class B
LEAKAGE CURRENT	Less than 2mA@264Vac for single power supply module

ENVIRONMENTAL SPE	NVIRONMENTAL SPECIFICATIONS		
AMBIENT	Operating: 0 to 50 °C		
TEMPERATURE	Non-Operating: -10 to 70 °C		
OPERATING	Operating: to 5000m		
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