

PWS-1K28P-SQ 1280W 1U Redundant Power Supply Specification



- Dimension (W x L x H): 76 x 360 x 40 mm
- Maximum Output Power: 1000W / 1280W



INPUT CHARACTERISTICS

RATED VOLTAGE / CURRENT	100-140Vac / 12 - 8A 180-240Vac / 8 - 6A
RATED FREQUENCY	50-60HZ
INRUSH CURRENT	Less than 30A
POWER FACTOR	0.98 @ max load (Typical)

DC OUTPUT CHARACTERISTICS

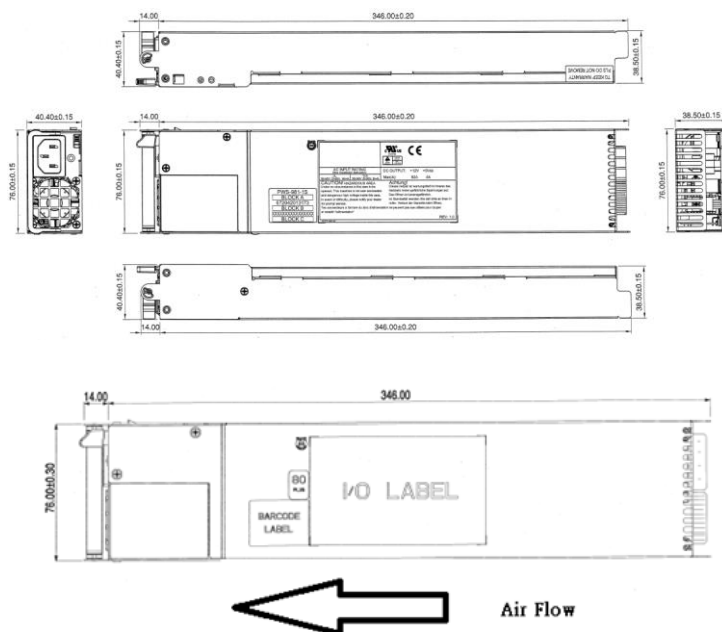
MAXIMUM POWER	1000W @ 100-140Vac 1280W @ 200-240Vac
EFFICIENCY	80Plus Platinum Typical 95%+ @ 230Vac
VOLTAGE	+12V +5Vsb
MAXIMUM CURRENT	106.7A (1280W) 4A 83A (1000W)
REGULATION	+/- 5% +/- 5%
RIPPLE & NOISE	120mV 50mV
OUTPUT CONNECTOR	Gold Finger (23 pairs connector)
HOLD UP TIME	PWOK 17ms at 75% of max Loading 12V 18ms at 75% of max loading

GENERAL SPECIFICATIONS

REMOTE MANAGEMENT	PMBus 1.2 Compatible FRU Data
MTBF	>200,000hours at 25 °C
REDUNDANCY	Hot swappable, N+1
LEAKAGE CURRENT	Less than 2mA
PROTECTION	OCP, OVP, Short Circuit, Over Temperature, Input Under Voltage

Features and Benefits:

- Platinum 95%+ Efficiency
- PMBus 1.2 Support for Remote Management
- Super Quiet Fan Speed Control
- EMI 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)
EMC	EMI Class B

ENVIRONMENTAL SPECIFICATIONS

AMBIENT TEMPERATURE	Operating: 0 to 50 °C Non-Operating: -10 to 60 °C
OPERATING ALTITUDE	Operating: to 3023m 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