

# PWS-1K62P-1R 1620W 1U Redundant Power Supply Specification



## INPUT CHARACTERISTICS

RATED VOLTAGE / CURRENT	100 to 120Vac: 12-10A 120 to 140Vac: 12-10A 180 to 240Vac: 10.5-8A
RATED FREQUENCY	60-50Hz for Vac
INRUSH CURRENT	Less than 25A peak
POWER FACTOR	95% Typical

## DC OUTPUT CHARACTERISTICS

MAXIMUM POWER	1000W @ 100 to 120Vac 1200W @ 120 to 140Vac 1620W @ 180 to 240Vac
EFFICIENCY	80Plus Platinum Typical 94%+ @ 230Vac 50% of max load
VOLTAGE	+12V      +5Vsb
MAXIMUM CURRENT	84 A lower line      4.0 A 135 A high line
REGULATION	+5%      +-5%
RIPPLE & NOISE	120 mV      50 mV
INPUT / OUTPUT CONNECTOR	IEC 320 C-14 AC Inlet Gold finger output connector
HOLD UP TIME	12vout_holdup: 17ms at 75% Loading 5Vsb holdup time: 70ms

## GENERAL SPECIFICATIONS

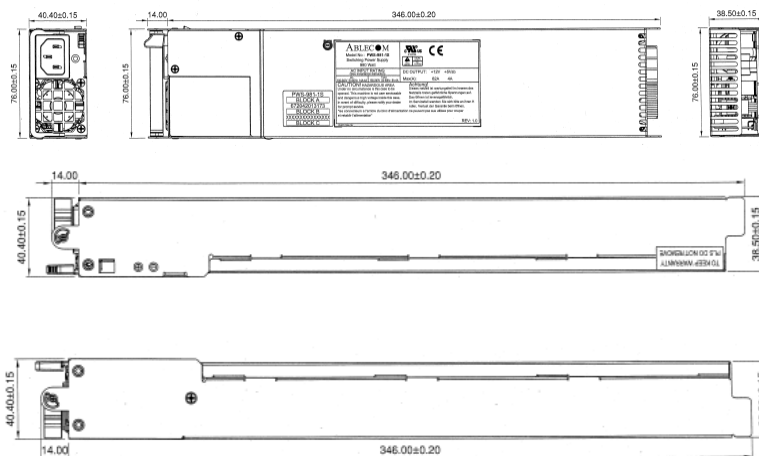
REMOTE MANAGEMENT	PMBus 1.1 Compatible FRU Data
MTBF	> 100K hours at 100% load, 25 °C
REDUNDANCY	Hot swappable, N+1
LEAKAGE CURRENT	3.5mA Max @ 264Vac for single PSU
PROTECTION	OCP / OVP, Short Circuit, Over Temperature, Input Under Voltage

## Features and Benefits:

- Platinum 94%+ Efficiency
- PMBus 1.1 Support for Remote Management
- Flexible Redundancy Control
- AC-DC 1620W at high line and 1000W at low line



Dimension (WXLXH): 76 (W) X 336 (L) X 40 (H) mm



## REGULATORY

SAFETY COMPLIANCE	UL60950-1 TUV EN60950-1 IEC60950-1 CB Report CE Low Voltage Directive BSMI CCC
EMC	EMI Class A

## ENVIRONMENTAL SPECIFICATIONS

AMBIENT TEMPERATURE	Operating: 0 to 50 °C
OPERATING ALTITUDE	Operating: to 3,023 meters Non-Operating: to 10,580 meters
RELATIVE HUMIDITY	Operating: 20% to 95% RH, Non-condensing. Storage: 5% to 95% RH, Non-condensing.

Disclaimer: Specification is subject to change without prior notice