

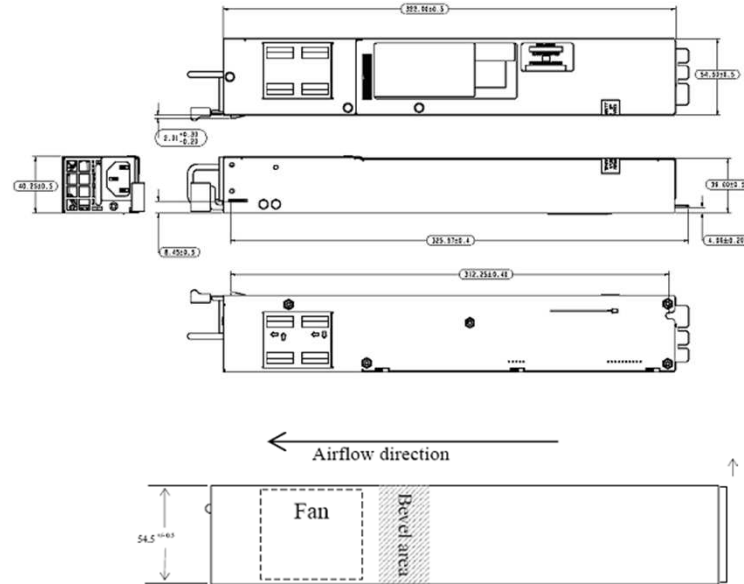
PWS-504P-1R 500W 1U Redundant Power Supply Specification



Features and Benefits:

- Platinum 94%+ Efficiency
- PMBus 1.2 Support for Remote Management
- Flexible Redundancy Control
- Bootloader Function for in System Upgradability and Serviceability

- Dimension (W x L x H): 54.5 x 320 x 40 mm
- Maximum Output Power: 500W



INPUT CHARACTERISTICS

RATED VOLTAGE / CURRENT	100-240Vac / 9 – 4A
RATED FREQUENCY	50-60HZ
INRUSH CURRENT	Less than 25A
POWER FACTOR	0.96 @ max load (Typical)

DC OUTPUT CHARACTERISTICS

MAXIMUM POWER	500W @ 100-240Vac	
EFFICIENCY	80Plus Platinum Typical 94%+ @ 230Vac	
VOLTAGE	+12V	+5Vsb
MAXIMUM CURRENT	42A (500W)	4A
REGULATION	+/- 5%	+/- 5%
RIPPLE & NOISE	120mV	50mV
OUTPUT CONNECTOR	Gold Finger (Molex connector)	
HOLD UP TIME	PWOK 11ms at 75% of max Loading 12V 12ms at 75% of max loading	

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

GENERAL SPECIFICATIONS

REMOTE MANAGEMENT	PMBus 1.2 Compatible FRU Data
MTBF	>200,000hours at 25 °C
REDUNDANCY	Hot swappable, N+1
LEAKAGE CURRENT	<0.85mA@264Vac for single PSU
PROTECTION	OCP, OVP, Short Circuit, Over Temperature, Input Under Voltage

ENVIRONMENTAL SPECIFICATIONS

AMBIENT TEMPERATURE	Operating: 0 to 50 °C Non-Operating: -10 to 70 °C
OPERATING ALTITUDE	Operating: to 5000m 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