

PWS-703P-1R 700W 1U Redundant Power Supply Specification



- Dimension (W x L x H): 50 x 320 x 40 mm
- Maximum Output Power: 750W / 700W



INPUT CHARACTERISTICS

RATED VOLTAGE / CURRENT	100-140Vac / 8.5 - 6A
	180-240Vac / 5 - 3.8A
RATED FREQUENCY	50-60HZ
INRUSH CURRENT	Less than 25A
POWER FACTOR	0.96 @ max load (Typical)

DC OUTPUT CHARACTERISTICS

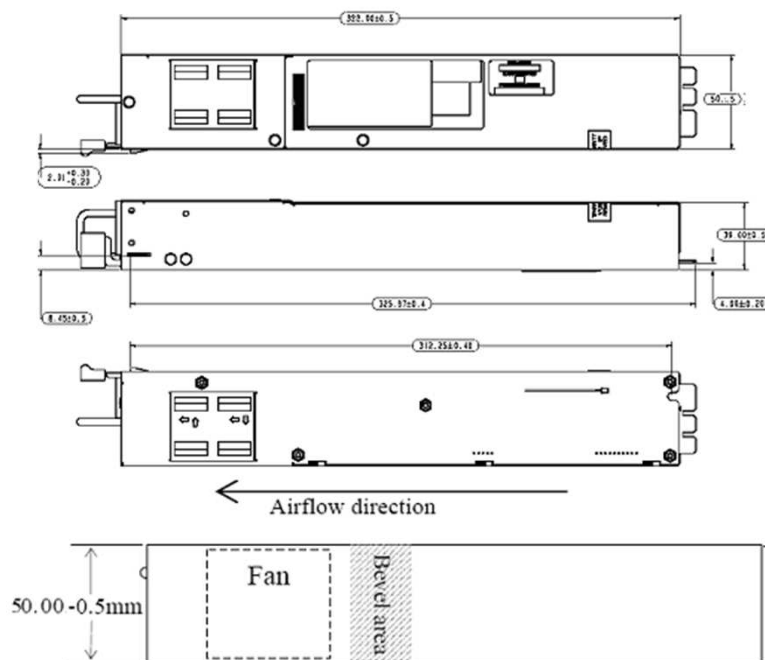
MAXIMUM POWER	700W @ 100-140Vac
	750W @ 180-240Vac
EFFICIENCY	80Plus Gold Typical 92%+ @ 230Vac
VOLTAGE	+12V +5Vsb
MAXIMUM CURRENT	54A (700W)
	62A (750W)
REGULATION	+/- 5% +/- 5%
RIPPLE & NOISE	120mV 50mV
OUTPUT CONNECTOR	Gold Finger (Molex connector)
HOLD UP TIME	PWOK 11ms at 75% of max Loading 12V 12ms at 75% of max loading

GENERAL SPECIFICATIONS

REMOTE MANAGEMENT	PMBus 1.1 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

Features and Benefits:

- Gold 92%+ Efficiency
- PMBus 1.1 Support for Remote Management
- Flexible Redundancy Control
- Bootloader Function for in System Upgradability and Serviceability



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 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