

PWS-301R-1R 300W 1U 1+1 Redundant Power Supply Set

PWS-301P-1R 300W 1U Redundant Power Supply Module

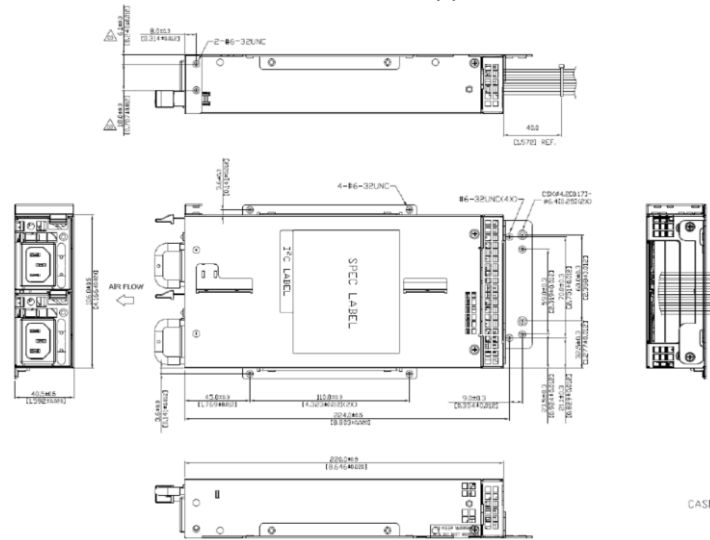


- Dimension (W x L x H): 106.0 x 220.0 x 40.5mm
- Maximum Output Power: 300W



Features and Benefits:

- PMBus 1.2 Support for Remote Management
- 1U Redundant for Embedded Application



INPUT CHARACTERISTICS

RATED VOLTAGE / CURRENT	100-120Vac, 200-240Vac Input current: 5-2A
RATED FREQUENCY	50-60Hz
INRUSH CURRENT	Less than 75A (max duration 5ms)
POWER FACTOR	95% Typical

REDUNDANT MODULE DC OUTPUT CHARACTERISTICS

MAXIMUM POWER	300W	
EFFICIENCY	80Plus Gold 230V Redundant (Power Module level)	
OUTPUT VOLTAGE	+12V	+5Vsb
MIN. OUTPUT CURRENT	0A	0A
MAX. OUTPUT CURRENT	25A	3A
VOLTAGE REGULATION	+5%/-5%	+5%/-5%
OUTPUT RIPPLE & NOISE	120mV	50mV
OUTPUT CONNECTOR	Gold Finger	

SET WITH PDB DC OUTPUT CHARACTERISTICS

OUTPUT RAIL	+12V	+5V	+3.3V	+5Vsb	-12V
MIN OUTPUT CURRENT	0A	0A	0A	0A	0A
MAX OUTPUT CURRENT	25A	20A	20A	3A	0.5A
NOTES	5V and 3.3V max combined 140W Total max combined power 300W				
HOLD UP TIME	PWOK 12ms at 75% Loading 12V 15ms at 75% loading				
OUTPUT CONNECTOR	ATX Cable Output with 24Pin				

GENERAL SPECIFICATIONS

REMOTE MANAGEMENT	PMBus 1.2 Compatible FRU Data
MTBF	> 200,000 hours at 30 °C
REDUNDANCY	Hot swappable, 1+1
LEAKAGE CURRENT	Less than 2mA
PROTECTION	Output Over Current/Voltage, Short Circuit, Over Temperature, Input Under Voltage
PART NUMBERS	PWS-301R-1R: Complete set with 2 power modules, cage, and PDB Model Number: YVIC0300AH PWS-301P-1R: Single Power supply module Model Number: YVIC0300AM PWS-PT506-N24: PDB with cage

REGULATORY

SAFETY COMPLIANCE	UL60950-1/UL62368-1 EN60950-1/EN62368-1/EN55035 CE Low Voltage Directive CCC 5000m
EMC, EMISSION	EMI Class A, FCC Class A

ENVIRONMENTAL SPECIFICATIONS

AMBIENT TEMPERATURE	Operating: 0 to 50 °C Non-Operating: -20 to 70 °C
OPERATING ALTITUDE	Operating: to 5000m Non-Operating: to 10580m
RELATIVE HUMIDITY	Operating: 5% to 85% RH Non-Operating: 5% to 95% RH

Disclaimer: Specification is subject to change without prior notice