

# PWS-1K43F-1R

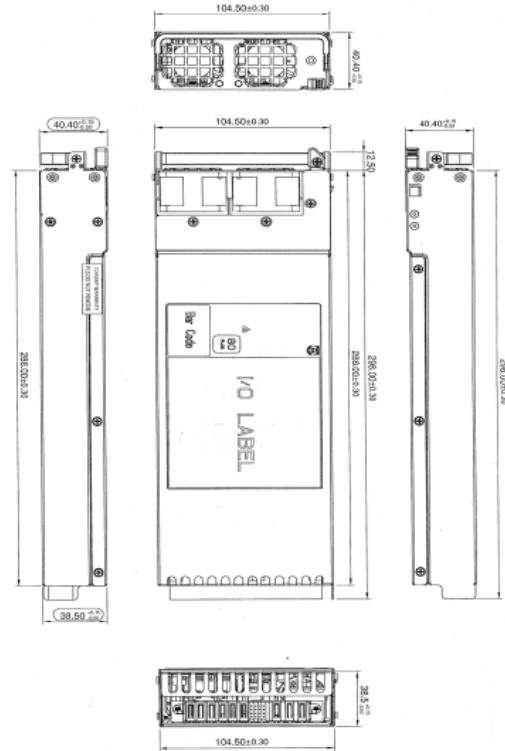
## 1400W 1U Redundant AC-DC Power Supply Specification



### Features and Benefits:

- Platinum 94%+ Efficiency
- PMBus 1.2 Support
- Front Loaded with AC inlet connected externally

- Dimension (W x L x H): 298\*104.5\*40.4mm
- Maximum Output Power: 1200/1400W



INPUT CHARACTERISTICS	
RATED VOLTAGE / CURRENT	100-140Vac / 14.7-10.5A 180-240Vac / 10.5-8.0A
RATED FREQUENCY	50-60Hz
INRUSH CURRENT	Less than 35A
POWER FACTOR	> 95% at max load

DC OUTPUT CHARACTERISTICS	
MAXIMUM POWER	1200W @ 100 to 140VAC 1400W @ 180 to 240VAC
EFFICIENCY	80Plus Platinum Typical 94%+ @ 230Vac
VOLTAGE	+12V                      +5Vsb
MAXIMUM CURRENT	100A (1200W)      6.0 A 117A (1400W)
REGULATION	+/- 5%                      +/- 5%
RIPPLE & NOISE	120 mV                      50 mV
OUTPUT CONNECTOR	FCI P/N 51720-0601603AB
HOLD UP TIME	Main 12V output 17mS measuring at 75% of max load

GENERAL SPECIFICATIONS	
REMOTE MANAGEMENT	PMBus 1.2 Compatible FRU Data
MTBF	>250,000 hours at 25 °C
REDUNDANCY	Hot swappable, N+1
LEAKAGE CURRENT	3.5 mA Max
PROTECTION	Output Over Current/Voltage, Short Circuit, Under Voltage, Over Temperature

REGULATORY	
SAFETY COMPLIANCE	UL60950-1/CSE 60950-1 EN60950-1 IEC60950-1 CB Report CE BSMI CQC
EMC	EMI Class A

ENVIRONMENTAL SPECIFICATIONS	
AMBIENT TEMPERATURE	Operating: 0 to 50 °C Non-Operating: -40 to 70 °C
OPERATING ALTITUDE	Operating: up to 2,000m Non-Operating: to 5,000m
RELATIVE HUMIDITY	Operating: 20% to 95% RH, (non-condensing) Non-Operating: 5% to 95% RH (non-condensing)

Disclaimer: Specification is subject to change without prior notice