

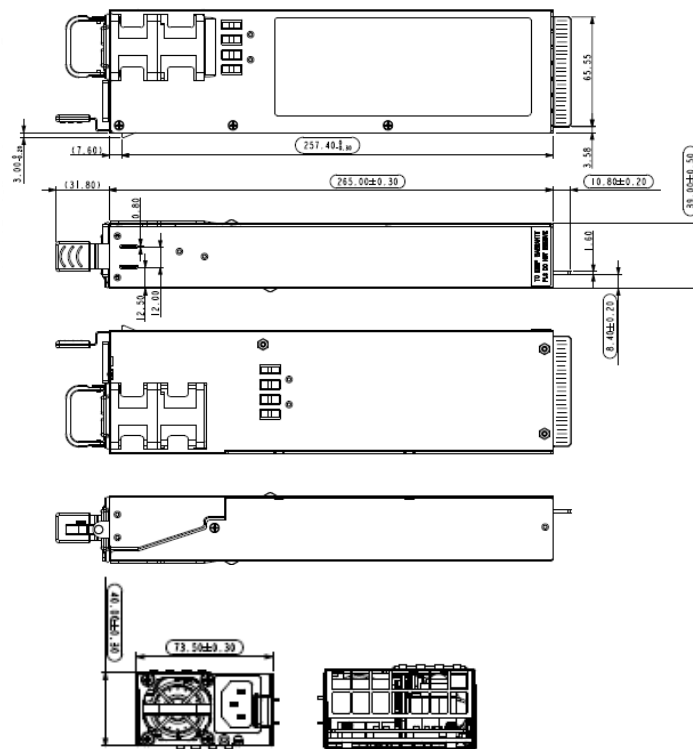


- Dimension (W x L x H): 73.5 x 265 x 40 mm
- Maximum Output Power: 1600W/1000W



Feature Highlight:

- Titanium 96%+ Efficiency
- PMBus 1.2 Support for Remote Management



INPUT CHARACTERISTICS

RATED VOLTAGE / CURRENT	100-127Vac / 12 - 9A 200-240Vac / 9 – 7.5A 240Vdc / 9A (CQC only)
RATED FREQUENCY	50-60Hz
INRUSH CURRENT	Less than 35A
POWER FACTOR	99% Typical
INLET CONNECTOR	IEC 60320 C14

DC OUTPUT CHARACTERISTICS

MAXIMUM POWER	1000W @ 100-127Vac 1600W @ 200-240Vac 1600W @ 240Vdc (CQC Only)
EFFICIENCY	80Plus Titanium Typical 96%+ @ 230Vac
VOLTAGE	+12V +12Vsb
MAXIMUM CURRENT	83.3A (1000W) 3.5A 133.3A (1600W)
REGULATION	+/- 5% +/- 5%
RIPPLE & NOISE	120mV 120mV
OUTPUT CONNECTOR	25 Pairs Gold Finger
HOLD UP TIME	PWOK 10ms at 70% Loading 12V 11.2ms at 70% loading
REDUNDANCY	Hot swappable, N+N, N+1
PROTECTION	Output Over Current/Voltage, Short Circuit, Over Temperature, Input Under Voltage

Disclaimer: Specification is subject to change without prior notice

GENERAL SPECIFICATIONS

REMOTE MANAGEMENT	PMBus 1.2 Compatible FRU Data
MTBF	>400,000hours at 30 °C
MODEL NUMBER	PWS-1K63A-1R

REGULATORY

SAFETY COMPLIANCE, EMISSION	UL62368-1 EN60950-1/IEC60950-1 EN62368-1/IEC62368-1 CE Low Voltage Directive BSMI CQC UKCA EMI Class A, FCC Class A
LEAKAGE CURRENT	3.5mA Max

ENVIRONMENTAL SPECIFICATIONS

AMBIENT TEMPERATURE	Operating: 0 to 55 °C Non-Operating: -40 to 70 °C
OPERATING ALTITUDE	Operating: to 5000m Non-Operating: to 15200m
RELATIVE HUMIDITY	Operating: to 85% (non-condensing) Non-Operating: to 95% (non-condensing)