



- Ultra High Efficiency (Up to 93%)
- Active Power Factor Correction
- Constant Output Voltage
- Up to 305VAC Operation
- Waterproof to IP67
- Lightning Protection
- Comprehensive Protection Circuitry
- Approved to UL8750 & EN61347
- RoHS Compliant
- 3 Year Warranty

### Electrical Specifications

#### Input

Input Voltage	90-305VAC
Input Frequency	47-63 Hz
Input Current	1.20A @ 110VAC 0.6A @ 220VAC
Inrush Current	50A @ 230VAC/25°C/Cold Start
Power Factor	See table
Leakage Current	200µA @ 120VAC 400µA @ 240VAC
No Load Input Power	≤1.5W

#### Output

Output Voltage	See table
Initial Set Accuracy	±5%
Minimum Load	No minimum load required
Start Up Delay	3 seconds
Hold Up Time	≥20mS @ 120VAC, full load
Line Regulation	±1%
Load Regulation	±2%
Transient Response	±6% max. deviation, recovery to within spec in 15ms for a 50% step load change at a 1A/µs slew rate
Ripple & Noise	1.5% pk-pk, 20MHz bandwidth
Overvoltage Protection	Latch mode; power on to return to normal operation
Short Circuit Protection	No damage to unit; auto recovery when fault removed
Overtemperature Protection	110°C maximum internal component temperature
Temperature Coefficient	<0.03%/°C

Note: All specifications typical at 25°C unless noted.

#### General

Efficiency	See tables
Isolation	3kVAC input to output 3kVAC input to ground 0.5kVAC output to ground
Switching Frequency	100Khz
MTBF (MIL-HDBK-217F)	450kHrs @110VAC, full load, 25°C
Dimensions	7.24"L x 2.66"W x 1.46"H
Net Weight	2.09 lbs.

#### Environmental

Operating Temp.	-35°C to +70°C, no derating
Operating Humidity	10% to 100% RH, non-condensing
Storage Temperature	-40°C to +85°C
Operating Altitude	10K feet
Shock	30G

#### Safety & EMC

Safety Approvals	
USA	UL8750 Approved Compliance to UL1310 Class 2, UL1012, UL935
Canada	Compliance to CAN/CSA-C22.2 No. 0 CSA-C22.2 No. 107.1, CSA-C22.2 No. 250.0
Europe	EN61347-1 Approved
EMI	EN55015 (Radiated & Conducted)
Harmonic Currents	EN61000-3-2 Class C
Voltage Flicker	EN61000-3-3
ESD Immunity	EN61000-4-2; 8kV air; 4kV contact
Radiated Immunity	EN61000-4-3 Level 2
EFT/Burst	EN61000-4-4 Level 2
Surge	EN61000-4-5; 2kV line-line; 4kV line-earth
Conducted Immunity	EN61000-4-6
Dips / Interruptions	EN61000-4-11

### Your Partners in Power.....



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Specifications subject to change.  
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