

SPECIFICATIONS

Input Voltage	95 - 264Vac universal input with PFC 47 ... 410Hz are standard Consult factory for other inputs
Input Protection	Inrush current limiting Varistor Internal safety fuse Lower voltage than the specified minimum input will not damage the unit
Isolation	2250Vdc input to chassis 2250Vdc input to output
Output Voltage	115Vac @ 60Hz or 400Hz/8.7A rms continuous or 230Vac @ 50Hz/ 4.35A rms continuous Output neutral is connected to the chassis internally Isolated floating output optional Consult factory for other outputs
Output Wave Form	Sinusoidal
Total Harmonic Distortion	Less than 5% at full load
Line Regulation	± 0.5% max.
Load Regulation	Maximum ± 6% from no load to full load. A ± 2% load regulation option is available.
Load Crest Factor	2.5 at 90% load
Output Ripple Noise	High frequency ripple is less than 500mVrms (20MHz BW)
Efficiency	Depends on input and output voltage combination. Typically 78% at full load
Output Overload Protection	Current limiting with short circuit protection Thermal shutdown with automatic recovery in case of insufficient cooling
Output Overvoltage Protection	140Vac (for 115Vac output) or 280Vac (for 230Vac output) by internal supply voltage limiting

Standards	Designed to meet C22.2 No. 107.1 - 01, UL 458, EN 60950, EN 62368-1 and CE
EMI	EN 55032 Class A as a minimum
Operating Temperature	0 to +50°C for full specification without derating Derating linearly 2.5% per °C rise above +50°C to +70°C max. Extended temperature range available on request
Humidity	5 - 95% non-condensing
Temperature Drift	0.05% per °C over operating temperature range
Cooling	Built-in fans draw air into the unit
Environmental Protection	Basic ruggedizing Full ruggedizing and conformal coating as option
Shock/Vibration	IEC 61373 Cat 1 A&B
Dimensions	3U3: 187 x 132 x 407 mm (W x H x L) including connectors, excluding flanges 19" rack-mount version as option
Weight	6 Kg
Connections	Input: compression type terminal block Output: standard AC receptacle Option: compression type terminal block
MTBF	90,000 hours at 45°C Demonstrated MTBF is significantly higher Fans excluded
Indicators	None
Control Input	None Remote shutdown as option
Alarm output	None Optional output Fail Alarm (Form C)
RoHS Compliance	Fully compliant
Warranty	2 years

