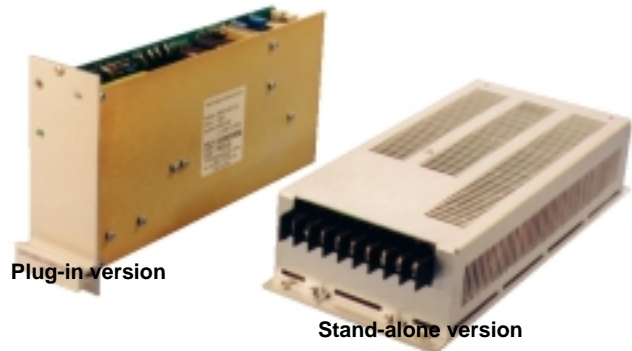


TSI60 60VA 3U PLUG IN SINE WAVE INVERTER

- Input is filtered to EN 55022 Class B (typical)
- Compact size
- Sinusoidal wave shape
- 60VA of output power
- Full electronic protection
- Field-proven design topology
- Plug-in or stand-alone package



The TSI 60 Series low power, low cost DC/AC Inverter uses established design techniques to ensure high reliability. The switching circuit for the input voltage is microprocessor controlled; the toroidal transformer boosts voltage to the required level and also provides the isolation required for the floating output. This unit has a feedback circuit to ensure excellent output regulation.

SPECIFICATIONS

Input Voltage 24V, 36V, 48VDC +/-15% are standard Consult factory for other inputs	Output Voltage 115VAC/0.26A continuous or 230VAC/0.13A continuous at 50Hz or 60Hz with isolated floating output. Consult factory for other outputs.	Output Protection Current limiting with short circuit protection	Humidity 5 - 95% non-condensing
Input Protection Thermal fuse	Line Regulation ± 0.5% maximum	Efficiency Min 78% at full load	Dimensions Plug-in: 3U x 220mm x 10HP (2") Stand alone: 4.4" x 10.0" x 2.25"
Standards Designed to meet C22.2 No. 107.1 - 01, UL 458 and EN60950	Load Regulation Maximum ± 2% from no load to full load	Load Crest Factor Maximum 3.0 at 90% load	Connections Plug-in module: H15 Stand-alone: screw-type terminal block for input and output. Consult factory for other connectors.
EMI EN 55022 Class B (typical)	Wave Form Sinusoidal	Operating Temperature Range 0° C to +50° C -40 TO +65° C also available	Temperature Drift 0.05% per °C over operating temperature range
	Total Harmonic Distortion Less than 5% at full load	Weight 2.34lb (1.06kg)	

Warranty: Twelve months subject to application within good engineering practice
Enhancements to these general specifications can be accommodated upon request
Designed to meet common approval requirements. Specifications subject to change

Designer and manufacturer of quality converters, inverters, UPS systems, complete rack mount systems and DC-input fluorescent lamp inverters since 1982. Custom or standard.
Absopulse is a BAPT-approved Facility



ABSOPULSE ELECTRONICS LTD
110 Walgreen Road
Carp, Ontario K0A 1L0 CANADA

www.jimgrayassoc.com