

TELECOM QUALITY 60VA PURE SINE-WAVE INVERTER PLUG-IN OR STAND ALONE SPI 60 SERIES

- 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 SPI 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

<p>Input Voltage 12V, 24V, 36V, 48VDC +/-20% are standard Consult Snaptec for other inputs</p> <p>Input Protection Thermal fuse</p> <p>Standards Designed to meet C22.2 No. 107.1 - 01, UL 458 and EN60950</p> <p>EMI EN 55022 Class B (typical)</p>	<p>Output Voltage 115VAC/0.53A continuous or 230VAC/0.26A continuous at 50, 60 or 400Hz with grounded neutral. Isolated floating output optional. Consult Snaptec for other output requirements</p> <p>Line Regulation ± 0.5% maximum</p> <p>Load Regulation Maximum ± 2% from no load to full load</p> <p>Wave Form Sinusoidal</p> <p>Total Harmonic Distortion Less than 5% at full load</p>	<p>Output Protection Current limiting with short circuit protection</p> <p>Efficiency Min 78% at full load</p> <p>Load Crest Factor Maximum 3.0 at 90% load</p> <p>Operating Temperature Range 0°C to +50°C -40 TO +65°C also available</p> <p>Temperature Drift 0.05% per °C over operating temperature range</p>	<p>Humidity 5 - 95% non-condensing</p> <p>Dimensions Plug-in: 3U x 220mm x 10HP (2") Stand alone: 4.4" x 10.0" x 2.25"</p> <p>Connections Plug-in module: H15 Stand-alone: screw-type terminal block for input and output. Consult Snaptec for other connectors.</p> <p>Weight 2.34lb (1.06kg)</p>
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