

CSI100 100VA SINE WAVE INVERTER

PLUG-IN OR STAND ALONE

- Input is filtered to EN 55022 Class B (typical)
- Compact size
- Sinusoidal wave shape
- 100VA of output power
- Full electronic protection
- Field-proven design topology
- Plug-in or stand-alone package



The CSI 100 Series compact DC/AC Inverter utilizes the same established conversion topologies as Absopulse's higher power inverters. The DC/DC input stage boosts the input voltage to a higher DC voltage, which feeds the DC/AC converter to generate the required AC output. This use of high frequency transformers ensures a light weight design. Suitable for a wide range of applications, the CSI 100 features full electronic protection, high efficiency and low output noise.

SPECIFICATIONS

<p>Input Voltage 12V, 24V, 36V, 48V, 125VDC +/-15% are standard Consult factory for other inputs</p>	<p>Output Voltage 115VAC/0.87A continuous at 50, 60 or 400Hz with isolated floating output. Consult factory for other output requirements</p>	<p>Output Protection Current limiting with short circuit protection</p>	<p>Dimensions Plug-in: 3U x 220mm x 10HP (2") Stand alone: 4.4" x 10.0" x 2.25"</p>
<p>Input Protection Thermal fuse Reverse polarity protection</p>	<p>Wave Form: Sinusoidal</p>	<p>Efficiency Min 78% at full load</p>	<p>Connections Plug-in module: H15 Stand-alone: screw-type terminal block for input and output. Consult factory for other connectors.</p>
<p>Standards Designed to meet C22.2 No. 107.1 - 01, UL 458 and EN60950</p>	<p>Total Harmonic Distortion Less than 5% at full load</p>	<p>Load Crest Factor Maximum 3.0 at 90% load</p>	<p>Weight 2.34lb (1.06kg)</p>
<p>EMI EN 55022 Class B (typical)</p>	<p>Line Regulation ± 0.5% max.</p>	<p>Operating Temperature Range 0° C to +50° C</p>	
	<p>Load Regulation Maximum ±3 % from no load to full load.</p>	<p>Temperature Drift 0.05% per °C over operating temperature range</p>	
		<p>Humidity 5 - 95% non-condensing</p>	

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 are 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**



Visit us at www.jimgrayassoc.com