

4000VA SINE WAVE OUTPUT INVERTER

INDUSTRIAL QUALITY

CSI 4K-XX SERIES

- Filtered input
- Modular design
- Sinusoidal output voltage
- 4000VA output power
- Full electronic protection
- Field-proven design topology



Photograph illustrates only one of a number of chassis options. Please see 'dimensions' below

The CSI 4K-XX Series DC/AC Inverter utilizes established design techniques to ensure high reliability. Suitable for a wide range of applications, the CSI 4K-XX features full electronic protection, high efficiency and low output noise. The built-in fans provide sufficient airflow for operation without de-rating up to 50°C ambient temperature. The output is fully isolated from the input and may either be used in grounded neutral operation (standard) or in floating mode (optional).

SPECIFICATIONS

<p>Input Voltage 24V, 36V, 48V, 125V, 250VDC +/-15% are standard Consult factory for other inputs</p> <p>Input Protection Internal safety fuse Inrush current limiting Reverse polarity protection</p> <p>Standards Designed to meet C22.2 No. 107.1 - 01, UL 458 and EN60950</p> <p>EMI EN 55022 Class A as a minimum</p>	<p>Output Voltage 115Vac/34A continuous at 60Hz or 400Hz ; or 230Vac/17.4A continuous at 50Hz with grounded neutral. Isolated floating output optional Consult factory for other output requirements</p> <p>Wave Form Sinusoidal</p> <p>Total Harmonic Distortion Less than 5% at full load</p> <p>Efficiency Input voltage dependent Typically 80% at full load</p> <p>Line Regulation Maximum 0.5%</p>	<p>Load Regulation Maximum ± 6% from no load to full load. A ±2% option is available</p> <p>Output Protection Current limiting with short circuit protection. Thermal shutdown with automatic recovery in case of continuous overload or insufficient airflow</p> <p>Load Crest Factor Maximum 2.5 at 90% load</p> <p>Operating Temperature Range 0° C to +50° C. Extended temperature ranges available</p> <p>Temperature Drift 0.05% per °C over operating temperature range</p> <p>Cooling Built in fans</p>	<p>Humidity 5 - 95% non-condensing</p> <p>Environmental protection Basic ruggedizing</p> <p>Dimensions Input <125Vdc 6U x 19" x 18" (H x W x D) (60 lbs/28kg) Input ≥125Vdc; output 115Vac 6U x 19" x 18" (H x W x D) (60 lbs/28kg) Input ≥125Vdc; output 230Vac: 13.8" x 5.3" x 16.25" (W x H x D) (26 lbs/12kg) Other chassis available upon request</p> <p>Connections Input/output: Compression-type terminals</p> <p>Options: Output Fail Alarm (Form C) Remote Inhibit</p>
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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



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