

## 2000VA SINE WAVE OUTPUT INVERTER INDUSTRIAL QUALITY CSI 2K-XX SERIES

- Filtered input
- Modular design
- Sinusoidal output voltage
- 2000VA 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 2K-XX Series DC/AC Inverter utilizes established design techniques to ensure high reliability. Suitable for a wide range of applications, the CSI 2K-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

#### Input Voltage

24V, 36V, 48V, 125V, 250Vdc  
± 15% are standard  
Consult factory for other inputs

#### Input Protection

Internal safety fuse  
Inrush current limiting  
Reverse polarity protection

#### Standards

Designed to meet  
C22.2 No. 107.1 - 01,  
UL 458 and EN60950

#### EMI

EN 55022 Class A  
as a minimum

#### Output Voltage

115Vac/17.4A continuous  
at 60Hz or 400Hz ; or  
230Vac/8.7A continuous  
at 50Hz with grounded neutral.  
Isolated floating output optional  
Consult factory for other output  
requirements

#### Output Wave Form

Sinusoidal

#### Total Harmonic Distortion

Less than 5% at full load

#### Efficiency

Input voltage dependent  
Typically 80% at full load

#### Line Regulation

Maximum 0.5%

#### Load Regulation

Maximum ± 6% from no load  
to full load. A ± 2% option is  
available

#### Output Protection

Current limiting with short circuit  
protection  
Thermal shutdown with automatic  
recovery in case of continuous  
overload or insufficient airflow

#### Load Crest Factor

Maximum 3.0 at 90% load

#### Operating Temperature Range

0° C to +50° C. Extended range  
available. Consult factory.

#### Temperature Drift

0.05% per °C over operating  
temperature range

#### Cooling

Built-in fan

#### Humidity

5 - 95% non-condensing

#### Environmental protection

Basic ruggedizing

#### Dimensions (W x H x D)

Input <125Vdc; output 115Vac  
13.8" x 5.3" x 16.25" (26 lbs/12kg)  
Input <125Vdc; output 230Vac or  
Input ≥125Vdc; output 115Vac:  
11.5" x 5.3" x 16.25" (22 lbs/10kg)  
Input ≥125Vdc; output 230Vac:  
7.5" x 5.3" x 15.5" (13 lbs/6kg)  
Other chassis available upon request

#### Connections

Input: Compression-type terminal  
Outputs:  
115VAC: Standard AC receptacle  
230VAC: IEC connector

#### Options:

Output Fail Alarm (Form C)  
Remote Inhibit  
Output compression type terminals

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 BABT-approved Facility**



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