

CSI200 200VA SINE WAVE INVERTER 24-125VDC IN 115 or 230VAC OUT

- Input is filtered to EN 55022 Class B (typical)
- Compact size
- Sinusoidal wave shape
- 200VA of output power
- Full electronic protection
- Field-proven design topology



The CSI 200 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 200 features full electronic protection, high efficiency and low output noise.

SPECIFICATIONS

Input Voltage

12V, 24V, 36V, 48V, 125VDC
± 15% are standard
Consult factory for other inputs

Input Protection

Thermal fuse

Standards

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

Input Isolation

Input to chassis 500V for <60VDC
input. 1500VDC for >60VDC
input. Input to output 2250VDC.
Output to chassis 2250VDC.

EMI

EN 55022 Class B (typical)

Output Voltage

115Vac/1.7A continuous
at 60Hz or 400Hz ; or
230Vac/0.86 continuous
at 50Hz with isolated floating
output. Consult factory for other
output requirements

Wave Form:

Sinusoidal

Total Harmonic Distortion

Less than 5% at full load

Efficiency

Min 78% at full load

Line Regulation

Maximum 0.5%

Load Regulation

Maximum ± 3% from no load
to full load

Output Protection

Current limiting with short circuit
protection

Load Crest Factor

Maximum 3.0 at 90% load

Operating Temperature Range

0° C to +50° C.
Extended temperature range
available

Humidity

5 - 95% non-condensing

Dimensions

F3: 5.2" x 11.4" x 2.43"

Connections

Terminal block

Weight

3.9 lb. (1.77 kg)

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 BABT-approved Facility



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