

200VA SINE WAVE INVERTER SPI 200 SERIES

- Sinusoidal wave shape
- 200VA output power
- Full electronic protection
- Field-proven design topology



The SPI 200 Series compact DC/AC Inverter utilizes established design techniques to ensure high reliability. Suitable for a wide range of applications, the SPI 200 features full electronic protection, high efficiency and low output noise. This inverter can be loaded with a fluorescent lamp load up to the full specified output power.

SPECIFICATIONS

Input Voltage

12V , 24V, 36V, 48V, 125VDC
± 15% are standard
Consult Snaptec 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 A
as a minimum

Output Voltage

115VAC/50Hz/60Hz/400Hz
@1.7A continuous
Consult Snaptec 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 2.43" x 11.4"

Connections

Terminal block

Weight

3.9 lb. (1.77 kg)