

N SERIES | INVERTER

24 VOLT MODELS

Introduction

The N Series Inverter is a low frequency, pure sine wave inverter line made for handling loads in work and utility trucks. The series is available from 400 watts to 5600 watts and in 12, 24, or 48 VDC models, giving you choices to fit your needs.

The N Series Inverter utilizes an iron-core transformer that can handle the frequent power surges associated with industrial-grade tools, pumps, heaters, and motors.



Features

- Engineered construction and cooling methods
- Thermally controlled cooling fan
- Enclosed AC and DC cable connections
- Remote ON/OFF switch hookup
- GFCI outlet protection
- LED indication of external power, inverter power, low input voltage, high temperature, and overload
- Automatic electronic short circuit/overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown with in-rush delay
- Zero load draw when unit is off
- Single-wire on/off control

Options

- D Option – Dual Output Voltage, 120/240 VAC

Model Numbers

- 24/2200N
- 24/3300N
- 24/5600DN

The N Series is also available in 12 and 48 volt configurations.

Available For

- Emergency Medical Services
- Marine Systems
- Military Vehicles
- RV Systems
- Trucks
- Utility Vehicles



Pure Sine Wave



24

Battery Voltage Options



400-5600 W

Continuous Output Options



SPECIFICATIONS



	24/2200N	24/3300N	24/5600DN
INVERTER SPECIFICATIONS			
Output Power	2200 watts	3300 watts	5600 watts
Peak Watts	6600 watts	9600 watts	16800 watts
Output Voltage	120 VAC ± 5%	120 VAC ± 5%	120 / 240 VAC ± 5%
Peak Output Current	55 AAC	80 AAC	140 AAC
Output Current	18 AAC	28 AAC	23 AAC
Output Waveform	Pure Sine	Pure Sine	Pure Sine
Output Frequency	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz	60 Hz ± 0.5 Hz
Motor Starting Capacity	1 hp	2 hp	3 hp
Input Voltage	24 VDC	24 VDC	24 VDC
Input Voltage Range	22 - 28 VDC	22 - 28 VDC	22 - 28 VDC
Continuous Output Amps	18 amps	28 amps	23 amps
Efficiency	Up to 88%	Up to 88%	Up to 88%
Phase	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency
Warranty	Five years	Five years	Five years
PHYSICAL SPECIFICATIONS			
Weight	42 lb [19.1 kg]	69 lb [31.4 kg]	140 lb [63.6 kg]
Dimensions	15.5" x 16" x 7.5" [39.4 x 40.6 x 19.1 cm]	16" x 17" x 10" [40.6 x 43.2 x 25.4 cm]	18" x 20" x 12.5" [45.7 x 50.8 x 31.8 cm]
Operating Temperature	-20° to 60° C [0° to 140° F]	-20° to 60° C [0° to 140° F]	-20° to 60° C [0° to 140° F]



GENERAL NOTES

Testing for specifications at 25° C, 24 VDC nominal.
Specifications subject to change without notice.



AGENCY APPROVALS & CERTIFICATIONS

- Listed to UL/cUL 458 Power Inverter, E100666

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Mailing Address: Sensata Technologies, Inc., 529 Pleasant Street, Attleboro, MA 02703, USA.

CONTACT US

651-653-7000
800-553-6418
InverterInfo@sensata.com

Power Conversion
www.magnum-dimensions.com