

N SERIES | INVERTER

400 - 1500 WATT, 12 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 Inverters utilize 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

Model Numbers

- 12/400N
- 12/800N
- 12/1200N
- 12/1500N

The N Series Inverter is also available in larger output 12 volt models, 24 volt, and 48 volt models

Available For

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



Pure Sine Wave



Battery Voltage Options



Continuous Output Options



SPECIFICATIONS



	12/400N	12/800N	12/1200N	12/1500N
INVERTER SPECIFICATIONS				
Output Power	400 watts	800 watts	1200 watts	1500 watts
Peak Watts	840 watts	1560 watts	2520 watts	2880 watts
Output Voltage	120 VAC \pm 5%	120 VAC \pm 5%	120 VAC \pm 5%	120 VAC \pm 5%
Peak Output Current	7 AAC	13 AAC	21 AAC	24 AAC
Output Current	3 AAC	7 AAC	10 AAC	12 AAC
Output Waveform	Pure Sine	Pure Sine	Pure Sine	Pure Sine
Output Frequency	60 Hz \pm 0.5 Hz	60 Hz \pm 0.5 Hz	60 Hz \pm 0.5 Hz	60 Hz \pm 0.5 Hz
Input Voltage	12 VDC	12 VDC	12 VDC	12 VDC
Continuous Output Amps	3 amps	7 amps	10 amps	12 amps
Efficiency	Up to 88%	Up to 88%	Up to 88%	Up to 88%
Phase	Single	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency	Low Frequency
Warranty	Five years	Five years	Five years	Five years
PHYSICAL SPECIFICATIONS				
Weight	14 lb [6.4 kg]	22 lb [10.0 kg]	27 lb [12.3 kg]	29 lb [13.2 kg]
Dimensions	12.5" x 6.0" x 5.0" [31.8 x 15.2 x 12.7 cm]	15.5" x 8.2" x 7.5" [39.4 x 20.8 x 19.1 cm]	15.5" x 8.2" x 7.5" [39.4 x 20.8 x 19.1 cm]	15.5" x 8.2" x 7.5" [39.4 x 20.8 x 19.1 cm]
Operating Temperature	-18° to 40° C [0° to 104° F]	-18° to 40° C [0° to 104° F]	-18° to 40° C [0° to 104° F]	-18° to 40° C [0° to 104° F]



GENERAL NOTES

Testing for specifications at 25°C and 12.6Vdc, measured at the inverter input terminals.
Specifications subject to change without notice.



AGENCY APPROVALS & CERTIFICATIONS

- Listed to UL/cUL 458 Power Inverter, E100666

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