

N SERIES | INVERTER

VENTLESS INVERTER

The N Series Inverter is a low frequency workhorse that will efficiently power any load within its wattage rating. Its massive iron core transformer can handle the frequent power surges associated with industrial grade tools, pumps, heaters, and motors. These inverters are UL listed so you can be confident in our consistent quality.



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, & Overload
- Battery voltage indicator with push-to-test
- Automatic electronic short circuit/overload protection
- Automatic over temperature shutdown
- Output circuit breakers
- Automatic low battery shutdown at 10.5 VDC (with in-rush delay)

Model Numbers

- 12Z8NV
- 24Z8NV
- 48Z8NV

Available For

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



Pure Sine Wave



Battery Voltage Options



Continuous Output Options



SPECIFICATIONS

	12Z8NV	24Z8NV	48Z8NV
INVERTER SPECIFICATIONS			
Output Power	800 watts	800 watts	800 watts
Peak Watts	1560 watts	1560 watts	2040 watts
Output Voltage	120 VAC ± 5%	120 VAC ± 5%	120 VAC ± 5%
Peak Output Current	13 AAC	13 AAC	17 AAC
Output Current	7 AAC	7 AAC	7 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
Input Voltage	12 VDC	24 VDC	48 VDC
Continuous Output Amps	7 amps	7 amps	7 amps
Efficiency	Up to 88%	Up to 88%	Up to 88%
Phase	Single	Single	Single
Topology	Low Frequency	Low Frequency	Low Frequency
Warranty	Two years	Two years	Two years
PHYSICAL SPECIFICATIONS			
Weight	26 lb [11.8 kg]	26 lb [11.8 kg]	27 lbs [12.3 kg]
Dimensions	17" x 5.5" x 6.5" [43.2 x 14 x 16.5 cm]	17" x 5.5" x 6.5" [43.2 x 14 x 16.5 cm]	17" x 5.5" x 6.5" [43.2 x 14 x 16.5 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]



GENERAL NOTES

Testing for specifications at 25° C, 12.6 VDC nominal.
Specifications subject to change without notice.



AGENCY APPROVALS & CERTIFICATIONS

- Listed to UL/cUL 458 Power Inverter, E100666

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