NH SERIES

Pure Sine Wave Inverter

NH1300L / NH1500L / NH2000L / NH1500L-BYP / NH2000L-BYP	12VDC 1.3kW / 1.5kW / 2.0kW
NH1500M / NH2000M	24VDC 1.5kW / 2.0kW

FEATURES



- Rated power 12V 1.3kW / 1.5kW / 2.0kW, 24V 1.5kW / 2.0kW
- Powers demanding RV AC appliances with ease
- CI-BUS compatible
- Compact, lightweight, and easy to install
- High efficiency up to 93%, 90% at full load
- Ultra-low consumption: < 1.5W in Standby mode, ≤ 3.6W in ECO mode
- Smart stepless fan speed control minimizes operating noise
- Supports remote control via LIBER43 system monitor, VS28-LS system monitor, or RNH remote switch
- Built-in Bluetooth for convenient app monitoring and control
- Bypass output for convenient campsite operation (NH1500L-BYP / NH2000L-BYP)



RNH

- A switch to turn NH series inverter ON/OFF remotely
- Connected with NH series inverter by communication cable
- Could be installed at any location with easy access



VS28-LS

- 2.8" system monitor for displaying real-time data
- Built-in power switch
- Built-in Bluetooth to support mobile APP
- CAN compatible

Model NO.	NH1300L	NH1500L NH1500M	NH2000L NH2000M	NH1500L-BYP	NH2000L-BYP
DC Input					
Nominal Battery Voltage (V)	12	12 24		12	12
Input Voltage Range (V)	10 ~ 16.0	10 ~ 16.0 21.0 ~32.0		10 ~ 16.0	10 ~ 16.0
Zero Load Current (A)	≤ 1.2 @12V	≤ 1.2 @12V ≤ 0.6 @24V		≤ 1.2 @12V	≤ 1.2 @12V
ECO Mode Current (A)	≤ 0.3				
Standby Consumption (W)	< 1.5	< 1.5 < 1.1		< 1.5	< 1.5
AC Output					
Cont. Output Power @25℃ (kVA / kW)	1.3	1.5	2.0	1.5	2.0
Cont. Output Power @40℃ (kW)	1.17	1.35	1.8	1.35	1.8
Cont. Output Power @60℃ (kW)	1.04	1.2	1.6	1.2	1.6
Peak Power (2s) (kW)	2.6	3.0	4.0	3.0	4.0
Power Factor cosΦ	1				
Output Voltage (Vac)	230 / 240 ± 3% (Dip switch selectable)				
Output Frequency (Hz)	50 / 60 ± 0.5% (Dip switch selectable)				
Output Waveform	Pure sine wave (THD < 3% @ 13V, resistive load)				
Inverter Efficiency (%)	Max: 93, Full load: 90				
AC Output Connector 1	EU / UK / AU / FR sockets			WAGO 770-703	
AC Output Connector 2	EU / UK / AU / FR sockets			N/A	
Ground Relay	N/A			Yes	
Bypass Output					
Transfer Time (ms)	N/A			< 25	
Bypass Current (A)	N/A			16	
AC Input Connector	N/A			WAGO 770-713	
External Interface					
Power Switch	Latching switch				
Remote Interface	D+, REMOTE				
Display Interface	RJ45 (CAN / RS485), RJ12 (LIN)				
Bluetooth	Yes				
Grounding	Yes				
Others					
Protection	Output short circuit / overload, input overvoltage / undervoltage, over-temperature protection				
Cooling Method	Forced air cooling				
Noise Level (dB)	≤ 55				
IP Rating	IP20				
Dimensions (mm)	382.35 × 235.5 × 84.8				
Weight (kg)	3.0				
Operating Temperature (℃)	-30 ~ 65 (Derating above 30)				
Storage Temperature (℃)	-40 ~ 70				
Humidity (%)	5 ~ 95 RH				
Safety Standards	EN IEC62477-1				
EMC Standards	EN61000-6-4, EN61000-6-2, ECE R10				