

High Frequency Off Grid Solar Inverter

Pure Sine Wave Inverter

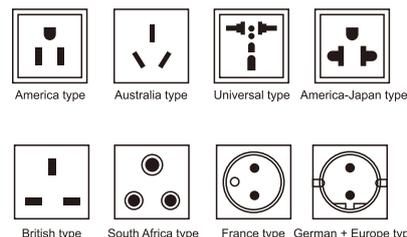
1. Function:

- Convert DC power in the battery to AC power for household appliances.
- Low voltage shut down function



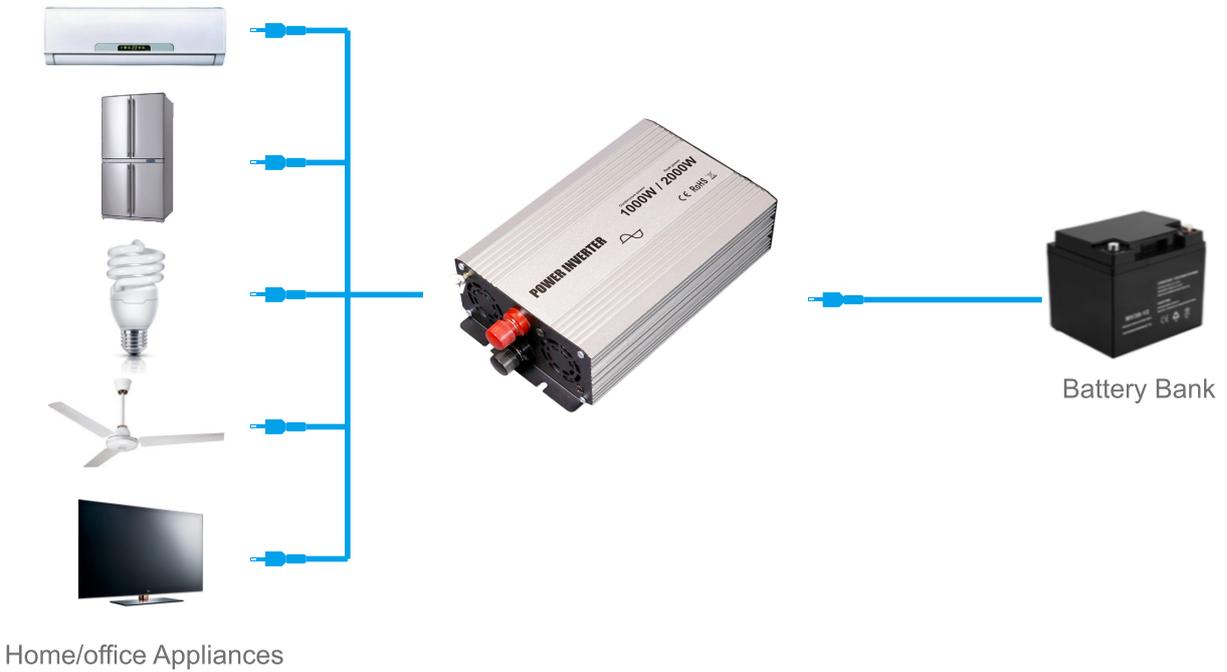
2. Range of Application

- Household solar / wind power generation
- Vehicle & Yacht



Pure Sine Wave Inverter								
Model	NV-P300	NV-P600	NV-P1000	NV-P1500	NV-P2000	NV-P3000	NV-P4000	NV-P5000
Rated Power	300W	600W	1000W	1500W	2000W	3000W	4000W	5000W
Peak Power	600W	1200W	2000W	3000W	4000W	6000W	8000W	10000W
Output Waveform	Pure Sine Wave							
Input Voltage	DC 12V or 24V or 48V							
Output Voltage	(100VAC/110VAC/120VAC/220VAC/230VAC/240VAC) $\pm 5\%$							
Output frequency	50Hz or 60Hz							
USB port	5V, 2.1A							
Efficiency	$\geq 90\%$							
No Load Current Draw for 12/24/48V system	0.4A 0.2A 0.1A	0.5A 0.3A 0.2A	0.8A 0.4A 0.2A	1A 0.5A 0.3A	1.2A 0.6A 0.3A	1.5A 0.8A 0.4A	1 A 0.5A 0.3A	1.2A 0.6A 0.3A
Low Voltage Alarm	10.5 \pm 0.5V / 21 \pm 0.5V / 42 \pm 1V							
Low Voltage Protection	9.5 \pm 0.5V / 19 \pm 0.5V / 38 \pm 1V							
Over Voltage Protection	15.5 \pm 0.5V / 31 \pm 0.5V / 61 \pm 1V							
Low Voltage Recover	13 \pm 0.5V / 24 \pm 0.5V / 48 \pm 1V							
Over Voltage Recover	14.5V \pm 0.2V / 29V \pm 0.5V / 58V \pm 1V							
Working Temperature	-20° - +50°							
Other Protections	Short Circuit Protection, Reverse Polarity Protection							
Product Size (mm)	185*112*58	205*112*58	250*157*75	340*157*75	353*216*88	403*216*88	450*205*165	550*205*165
N.W. (kgs)	1.25	1.25	2.5	3.5	5.2	6.6	7.82	10.2
Cooling Mode	Intelligent air cooling							
Certification	ISO9001, CE, RoHS, FCC							

Solar System Application Diagram



Optional

Remote Control For 300W-6000W Power Inverter



3m LCD Wired Type



3m LED Wired Type



Wireless Type



Wireless Type