

High Frequency Off Grid Solar Inverter

Modified Sine Wave Inverter

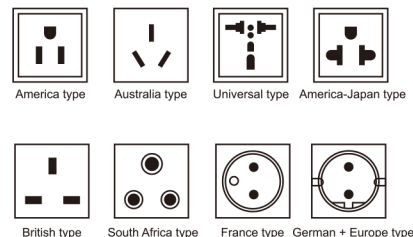
1. Function:

- 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



Modified Sine Wave Inverter								
Model	NV-M300	NV-M500	NV-M1000	NV-M1500	NV-M2000	NV-M3000	NV-M4000	NV-M5000
Rated Power	300W	500W	1000W	1500W	2000W	3000W	4000W	5000W
Peak Power	600W	1000W	2000W	3000W	4000W	6000W	8000W	10000W
Output Waveform	Modified 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	18W Fast Charging							
Efficiency	$\geq 90\%$							
No Load Current Draw for 12/24/48V system	$\leq 0.2A$ $\leq 0.1A$ $\leq 0.1A$	$\leq 0.2A$ $\leq 0.1A$ $\leq 0.1A$	$\leq 0.2A$ $\leq 0.1A$ $\leq 0.1A$	$\leq 0.3A$ $\leq 0.2A$ $\leq 0.1A$	$\leq 0.3A$ $\leq 0.2A$ $\leq 0.1A$	$\leq 0.3A$ $\leq 0.2A$ $\leq 0.1A$	$\leq 0.3A$ $\leq 0.2A$ $\leq 0.1A$	$\leq 0.3A$ $\leq 0.2A$ $\leq 0.1A$
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)	203*107*63	246*107*63	263*145*70	296*180*90	360*180*90	400*180*90	400*205*165	450*205*165
N.W. / G.W. (kgs)	0.82/0.91	0.96/1.15	2.15/2.56	2.87/3.55	3.26/3.92	5.08/6.04	6.12/7.15	8.7/9.5
Cooling Mode	Intelligent air cooling							
Certification	ISO9001, CE , RoHS, FCC							