



NML SERIES

NML SERIES SMART OFF-GRID INVERTER

2000/3200

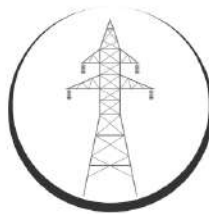


Key Features:

- Pure sine wave solar inverter
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Built-in 80A MPPT solar charger
- High PV input voltage range (30-400VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge desing to optimize battery life
- Meet the rich customize needs of customers
- Compatible with lithium battery
- Solar energy is provided directly to the load first



For Off-Grid User



Grid Connection



Multi Stage Smart Charger Desing



Pure Sine Wave

Technical Specifications

Model	NML-2000	NML-3200
Rated Power	2000VA/1600W	3200VA/3000W
AC Input		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(For Personal Computers) 90-280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT		
AC Voltage Regulation	230VAC \pm 5%	
Surge Power	4000VA	6400VA
Efficiency(Peak)PV to INV	98%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
BATTERY & AC CHARGER		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
Maximum AC Charge Current	60A	
SOLAR CHARGER		
Maximum PV Array Power	2000W	3000W
MPPT Range @ Operating Voltage	30-400VDC	
Maximum PV Array Open Circuit Voltage	400VDC	
Maximum Charging Current	80A	
PHYSICAL		
Dimension D*W*H(mm)	357*273*95	
Net Weight (kgs)	4	5
Communication interfaace	RS232/GPRS/WIFI	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10 to 50C $^{\circ}$	