

# VICTOR NM-III SERIES



- Max. Efficiency  
98%
- 100AMPPT
- RS232/GPRS  
WIFI
- IP21  
Ingress Protection

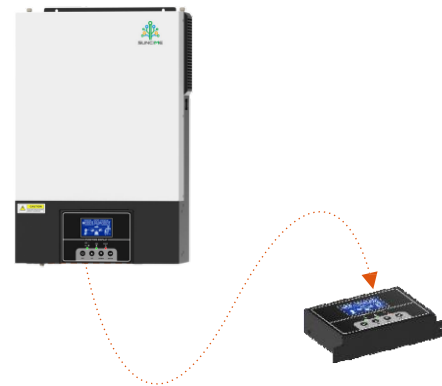
## Features

- Pure sine wave solar inverter
- Output power factor 1.0
- Wifi&GPRS available for IOS and android
- Inverter can run without battery
- Built-in 100A MPPT solar charger
- High PV input voltage range(120~450VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Built-in Remote LCD Display

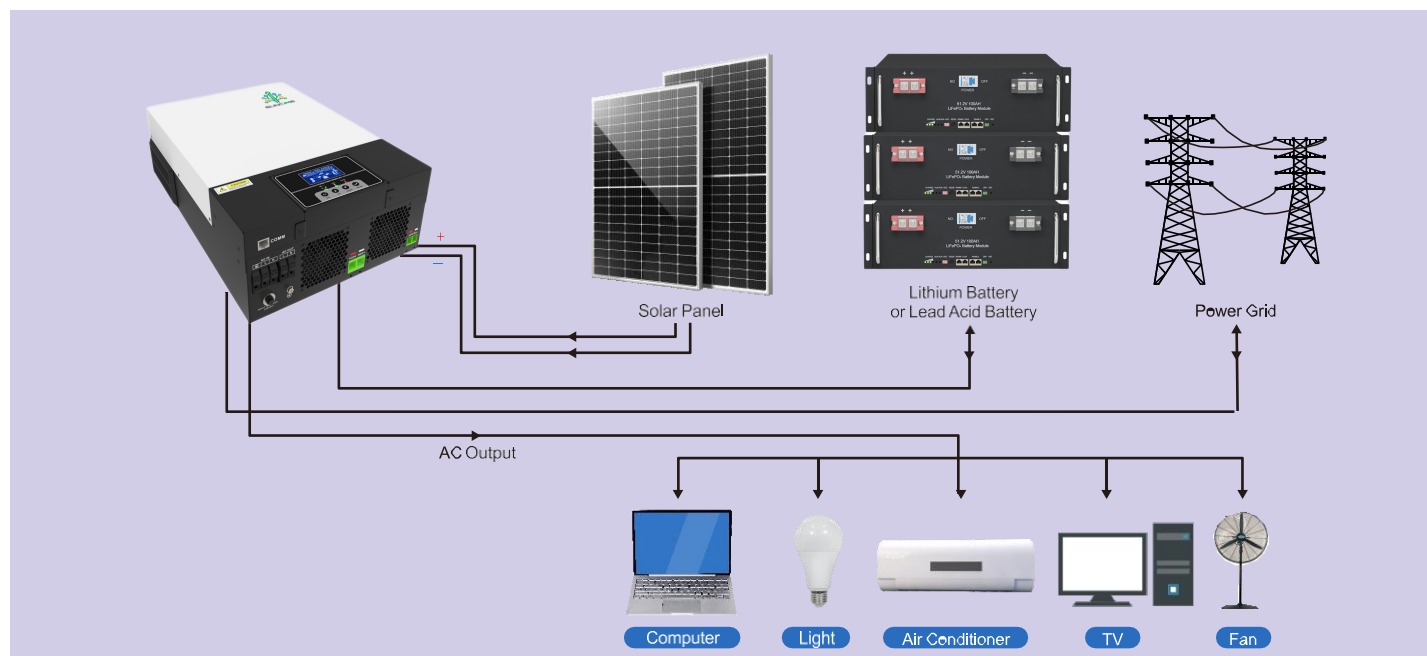
## WIFI&GPRS available for ios and Android



## Removable display



## Product Topology



Model	VICTOR NM-III-3500W	VICTOR NM-III-5500W
RATED POWER	3500VA/3500W	5500VA/5500W
<b>Input</b>		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
<b>OUTPUT</b>		
AC Voltage Regulation(Batt.Mode)	230VAC±5%	
Surge Power	7000VA	11000VA
Efficiency(Peak)PV to INV	97%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)	
<b>BATTERY &amp; AC CHARGER</b>		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
Maximum Charge Current	80A	80A
<b>SOLAR CHARGER</b>		
Maximum PV Array Power	5000W	6000W
MPPT Range @ Operating Voltage	120~450VDC	
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum Charging Current	100A	100A
Maximum Efficiency	98%	
<b>PHYSICAL</b>		
Dimension,D*W*H(mm)	100*300*440	
Cartoon Dimension,D X W XH(mm)	555*393*225	
Net Weight(kgs)	10	11
Gross Weight(kgs)	11	12
Communication interface	RS232/GPRS/WIFI/Remove LCD	
<b>OPERATING ENVIRONMENT</b>		
Humidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	-10°C~50°C	