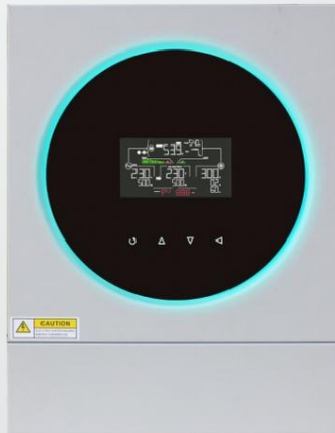


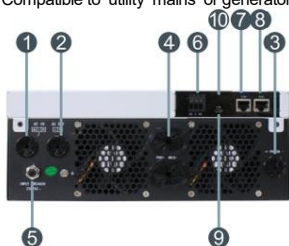
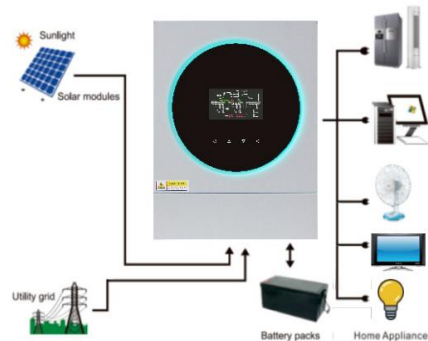
VM IV SERIES



Product Features

- Pure sine wave solar inverter
- Customizable status LED ring with RGB lights
- Touchable button with 4.3" colored LCD
- Built-in Wi-Fi for mobile monitoring (APP is required)
- Supports USB On-the-Go function
- Built-in anti-dusk kit
- Reserved communication ports for BMS (RS485, CAN-BUS, RS232)
- Configurable input voltage range for home appliances and Personal computers via LCD control panel
- Configurable output usage timer and prioritization
- Configurable charger source priority via LCD control panel
- Configurable battery charging current based on applications via LCD control panel
- Compatible to utility mains or generator power

System Connection



Overview

- |                   |                  |
|-------------------|------------------|
| 1.AC Input        | 2. AC Output     |
| 3.PV Input        | 4. Battery input |
| 5.Circuit Breaker | 6.Dry Contact    |
| 7.COM             | 8.BMS            |
| 9.USB             | 10.Built-in WIFI |

Off Grid Solar Inverter

Model	VMIV 4KW	VMIV 6KW
<b>Rated Power</b>	4000VA/4000W	6000VA/6000W
<b>Input</b>		
Voltage	230VAC	
Max AC Input Voltage	300VAC	
Frequency Range	50/60Hz (Auto Sensing)	
<b>OUTPUT</b>		
AC Voltage Regulation (Bat Mode)	230Vac±5%	
Overload Protection	5s@≥130% load; 10s@110%-130% load	
Efficiency(Peak)	93%	
Transfer Time	10 ms (Personal Computers); 20ms(Home Appliances)	
Waveform	Pure sine wave	
<b>Battery</b>		
Battery Voltage	24 VDC	48 VDC
Floating Charging Voltage	27 VDC	54 VDC
AGM / EGL Battery	28.2 VDC	56.4 VDC
<b>Solar Charger &amp; AC Charger</b>		
Solar Charge Type	MPPT	
Max PV Array Open Circuit Voltage	500 VDC	
Max PV Array Open Circuit Voltage	500 VDC	
PV Array MPPT Voltage Range	60VDC-450VDC	
<b>Maximum Solar Charge Current</b>	120A	
<b>PHYSICAL</b>		
Dimension(LxWxH) mm	119x313.6x457.5	
Net Weight (kgs)	11 kg	12 kg
Communication Interface	USB/RS232/BMS/WIFI	
<b>ENVIRONMENT</b>		
Humidity	5-95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°Cto50°C	
Storage Temperature	-15°Cto60°C	

