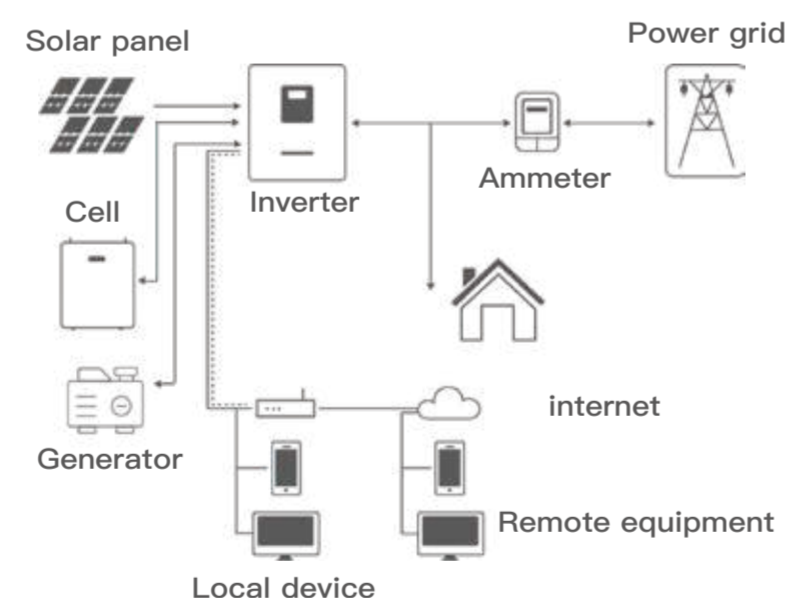


## VMIV 4KW/6KW Series Off-Grid Solar Inverter



### Product characteristics

- Off grid inverter, dustproof kit design
- Maximum photovoltaic input current 27A
- Dual output, intelligent load management
- MPPT input voltage range 60~450V
- 4.3 inch touch screen, RGB color bar status display
- Built-in Wi-Fi monitoring module (Android/iOS App)
- Off-grid inverter, support photovoltaic, mains, battery access
- BMS communication interface(RS485,CAN,RS232)
- Intelligent charger design, balance function to extend battery life



### SPECIFICATION

MODEL	VMIV 4KW	VMIV 6KW
Rated power	3500VA	5500VA
<b>Ac input</b>		
Voltage	230VAC	230VAC
Voltage range	170~280Vac(applicable to personal computer) 90~280Vac (applicable to household appliances)	170~280Vac(applicable to personal computer) 90~280Vac (applicable to household appliances)
<b>The output</b>		
The output voltage range	230VAC±5%	230VAC±5%
Power surge	8000VA	12000VA
Efficiency	93%	93%
Conversion time	10ms (computer) 20ms (Household appliance)	10ms (computer) 20ms (Household appliance)
wave form	Pure sine wave	Pure sine wave
<b>battery</b>		
The battery voltage	24V	48V
Float charging pressure	27V	54V
The overcharge protection	33VDC	63VDC
<b>Pv charging &amp; communication</b>		
Pv charging & communication	MPPT	MPPT
Maximum photovoltaic array power	5000W	6000W
MPPT working voltage range	60~450VDC	60~450VDC
Open circuit voltage, the largest photovoltaic array	500VDC	500VDC
The rated voltage	320V	360V
The largest pv input current	27A	27A
The largest pv charging current	120A	120A
Maximum charging current communication	120A	120A
Maximum charging current	120A	120A
<b>physical</b>		
Size (D/W/H)	470x305x125mm	470x305x125mm
Net weight (KG)	9	10
Communication interface	USB/RS232/RS485/WiFi/Dry contact	USB/RS232/RS485/WiFi/Dry contact
<b>Working environment</b>		
Relative humidity	5% to 95% Relative humidity (no condensation)	5% to 95% Relative humidity (no condensation)
Working temperature	- 10°C to 50°C	- 10°C to 50°C
Storage temperature	-15°C to 60°C	-15°C to 60°C
<b>Standard</b>		
Safety regulation	CE	CE