

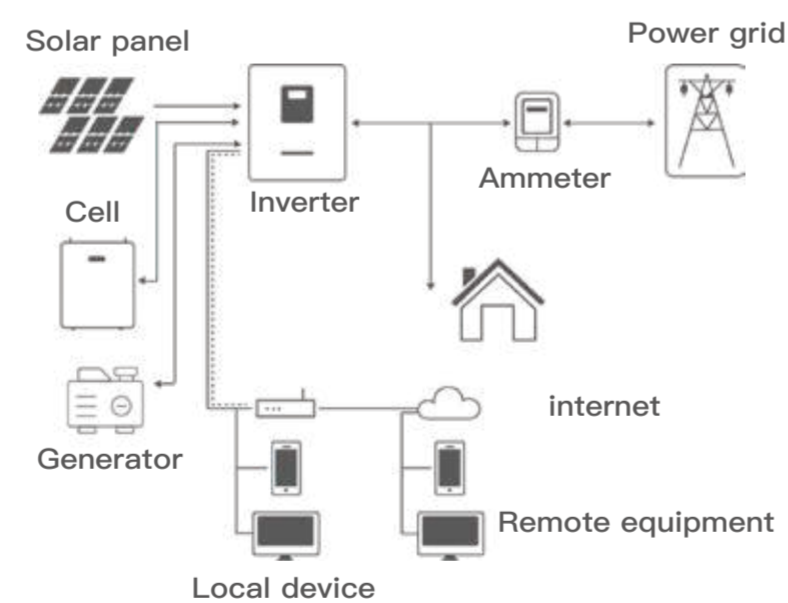


MPPT Solar Off Grid Inverter

WIFI&GPRS available for IOS & android
 Built-in 80A MPPT solar charger
 Compatible to main voltage or generator.

Product characteristics

- Pure sine wave inverter
- WIFI&GPRS available for IOS and android
- Built-in 80A MPPT solar charge
- Built-in anti-dusk kit for harsh environment(optional)
- Compatible with lithium-ion battery
- High PV input voltage range(90~450VDC)
- Smart battery charge design to optimize battery life
- Support working without battery
- Compatible to main voltage or generator.
- Battery equalization function to optimize battery performance and extend life cycle



SPECIFICATION

MODEL	VM1.5K	VM3K
Rated power	1500VA/2000W	3000VA/3000W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230VAC±5%	
Surge power	3000VA	4800VA
Transfer Time	10ms (for personal computers) 20ms (for home appliances)	
Wave form	Pure Sine Wave	
BATTERY & AC CHARGER		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	15.5VDC	31VDC
Maximum charge current	60A	
SOLAR CHARGER		
MAX.PV Array Power	2000W	3000W
MPPTRange@Operating Voltage	90-450VDC	
Maximum PV Array Open Circuit Voltage	450VDC	
Maximum Charging Current	80A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension.D*W*H(mm)	348*270*95mm	470x305x125mm
Net Weight (kgs)	4.0kg	5.0kg
Communication Interface	RS232(Standard) GPRS/WIFI(Optional)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	- 10°C to 50°C	
Storage Temperature	-15°C to 60°C	