



- Pure sine wave solar inverter
- Output power factor 1.0
- Wifi&GPRS available for IOS and Android
- Build in 80A MPPT Solar charger
- High PV input voltage range (90-450VDC)
- Smart battery charge design to optimize battery life
- Can meet the rich customs needs of customers
- Solar energy is provided directly to the load first .

VM Series off grid solar inverter technical data :

Model	VMI -1500-12	VMI-3000-24
RATE POWER	1500VA/1500W	3000VA/3000W
AC Input		
Voltage	230VAC	
Selectable Voltage Range	170-280vac(For Personal Computers)	
	90-280VAC (For Home Appliances)	
Frequency Range	50Hz/60Hz(Auto sensing)	
AC OUTPUT		
AC Voltage Regulation	230VAC±5%	
Surge Power	3000w	5000w
Efficiency(Peak) PV to INV	97%	
Efficiency(Peak)Battery to Inv	93%	
Transfer Time	10ms (For Personal Computers),20ms (For Home Appliances)	
Battery &AC Charger		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
Maximum AC Charger Current	60A	
Solar Charger		
Maxumum PV Array Power	2000w	3000w
MPPT Range@Operating Voltage	90-430VDC	
Maximum PV Array Open Circuit Voltage	450VDC	
Maximum Charging Current	80A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension,D*W*H(mm)	348*270*95	
Net Weight(kgs)	4	5
Communication interface	RS232/GPRS/WIFI	
OPERATING ENVIRONMENT		
Mumidity	5% to 95% Relative Humidity(Non~condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	— 15°C to 60°C	

Product specifications are subject to change without further notice.