



1.5-2.4KW

GVT-VM II PRO

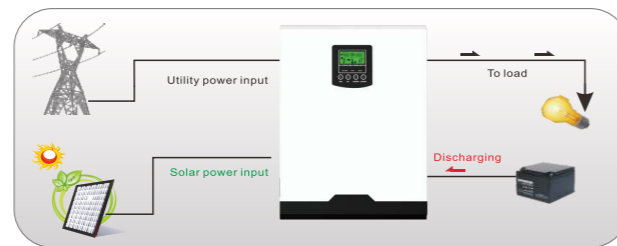
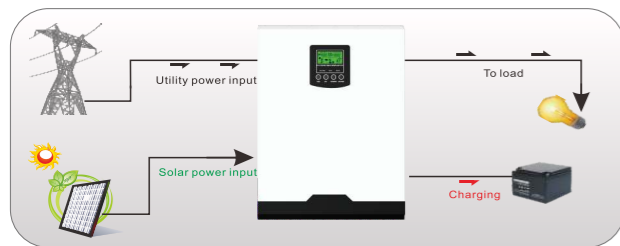
Off Grid Energy Storage Inverter

Key Features

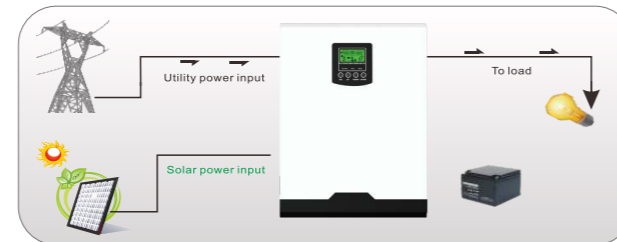
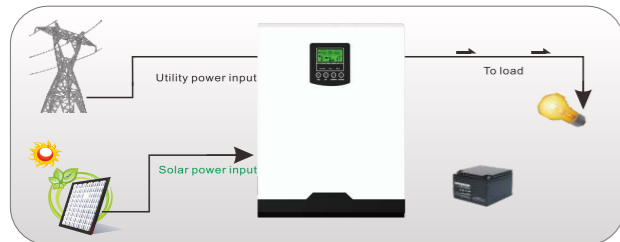
- Pure sine wave solar inverter
- High PV input voltage range(90~450VDC)
- Built-in 80A MPPT solar charger
- Built-in anti-dusk kit for harsh environment(optional)
- Compatible with lithium-ion battery
- Smart battery charge design to optimize battery life
- Can meet the rich custom needs of customers
- Can work without battery
- Solar energy is provided directly to the load first
- WIFI&GPRS available for IOS and android

Hybrid Operation

With battery connected



Without battery connected



Wall Mounted Integrated Solar Power Inverter Technical Specification
Built-in MPPT Solar Controller

Model	GVT VM II PRO 1500	GVT VM II PRO 3000
Rated Power	1500VA/1500W	3000VA/2400W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC(For Personal Computers);90-280 VAC(For Home Appliances)	
Frequency Range	50 Hz/60 Hz(Auto sensing)	
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Open Circuit Voltage	450 VDC	450VDC
Maximum PV Array Power	2000W	3000W
MPPT Range @ Operating Voltage	90~430 VDC	
Maximum Solar Charge Current	100A	
Maximum AC Charge Current	80A	
Maximum Charge Current	60A	
Maximum Efficiency	98%	
BATTERY		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.5 VDC	27 VDC
Overcharge Protection	16 VDC	33 VDC
OUTPUT		
AC Voltage Regulation(Batt. Mode)	230VAC±5%	
Surge Power	3000VA	4800VA
Efficiency(Peak) BAT to INV	94%	
Efficiency(Peak) PV to INV	97%	
Transfer Time	10 ms(For Personal Computers); 20 ms(For Home Appliances)	
Waveform	Pure sine wave	
PHYSICAL		
Dimension, D X W X H(mm)	9	10
Net Weight(kgs)	USB/RS232	
Communication Interface	RS232(Standard)GPRS/WIFI(Optional)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(No-condensing)	
Operating Temperature	0°C to 55°C	
Storage Temperature	-15°C to 60°C	

Note: Product specifications are subject to change without further notice.