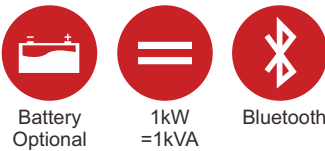




GVT-VM II

Solar Energy Storage Inverter

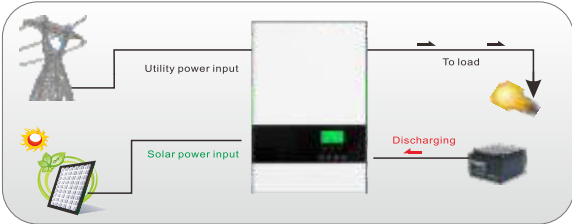
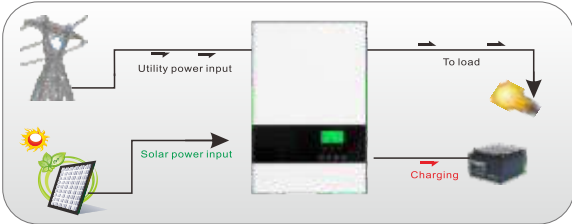


Key Features

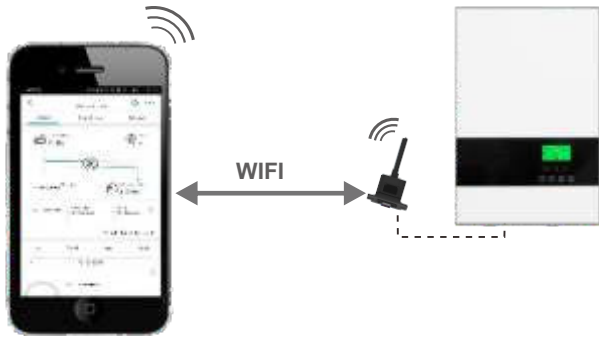
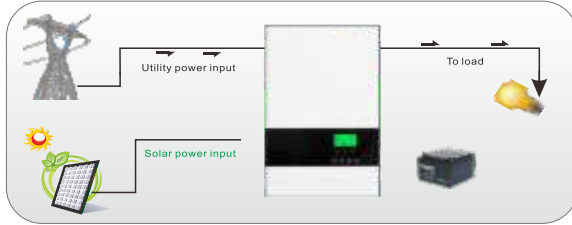
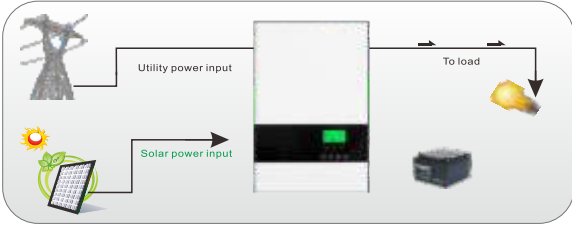
- Output power factor PF=1.0
- Configurable AC/Solar Charger priority via LCD setting
- Compatible to mains voltage or generator power
- Overload , Over temperature, Short circuit protection
- Integrated Bluetooth interface with Android App
- Supports USB On-the-Go function
- Reserved communication port(RS-485,CAN-BUS or RS-232)for BMS
- Battery independency
- User-friendly LCD operation
- Replaceable fan design

Hybrid Operation

With battery connected



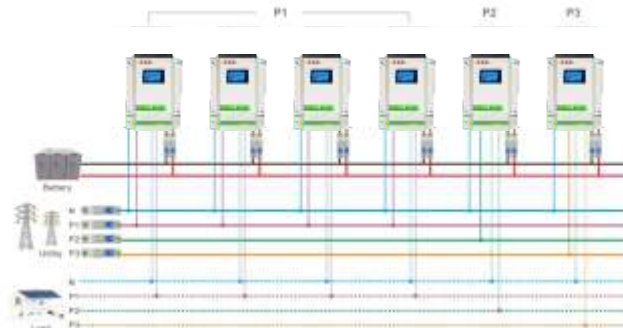
Without battery connected



Single phase output up to 49.5 KW using 9 units



Three phase output using either 3 units(16.5KW) or max 9 units(49.5KW)



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

Model	GVT VM II 3k-24	GVT VM II 5.5k-48
Rated Power	3000VA/3000W	5500VA/3000W
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)	
OUTPUT		
AC Voltage Regulation(Batt.Mode)	230VAC ± 5%	
Surge Power	6000VA	11000VA
Efficiency(Peak)	up to 93.5%	
Transfer Time	10ms (For Personal Computers);20ms(For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum PV Array Power	5500 W	
MPPT Range @ Operating Voltage	120~450 VDC	
Maximum Solar Charge Current	100A	
Maximum AC Charge Current	80A	
Maximum Charge Current	100A	
PHYSICAL		
Dimension, D X W X H(mm)	100 X 300 X 440	
Net Weight(kgs)	9	10
Communication Interface	USB/RS232	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(No-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	
SPECIAL FUNCTION		
	Supports lithium battery BMS communication	

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