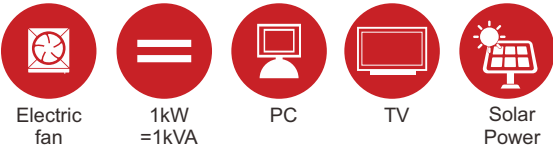




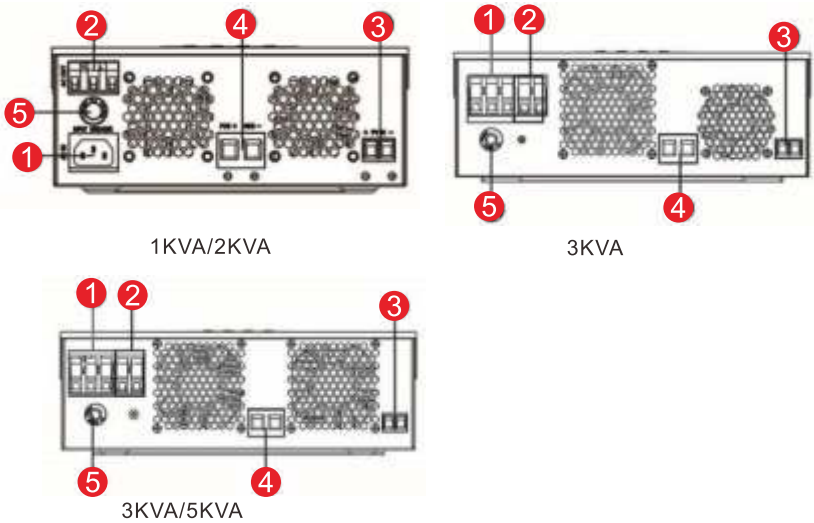
GVT-VP/VM

Solar Energy Storage Inverter



Key Features

- Pure sine wave solar inverter
- Output power factor 1
- Selectable high power charging current
- Wide DC input range
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized performance
- Cold start function
- Optional anti-dusk kit



- ① AC input
- ② AC output
- ③ PV input
- ④ Battery input
- ⑤ Circuit breaker

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

Model	GVT VP 1000-12	GVT VM 1200-12	GVT VP 2000-24	GVT VM 2200-24	GVT VP 3000-24	GVT VM 3200-24	GVT VP 5000-48	GVT VM 5000-48
Rated Power	1000VA /1000W	1200VA /1200W	2000VA /2000W	2200VA /2200W	3000VA /3000W	3200VA /3200W	5000VA/5000W	
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								
Solar Charger type	PWM	MPPT	PWM	MPPT	PWM	MPPT	PWM	MPPT
Maximum PV Array Power	55VDC	102VDC	80VDC	102VDC	80VDC	102VDC	105VDC	145VDC
MPPT Range @ Operating Voltage	600W	700W	1200W	1400W	1200W	1800W	2400W	3000W
Maximum PV Array Open Circuit Voltage	N/A	17~80VDC	N/A	30~80VDC	N/A	30~80VDC	N/A	60~115VDC
Maximum Solar Charge Current	50A	50A	50A	50A	50A	65A	50A	65A
Maximum AC Charge Current	20A	20A	20A	20A	25A	25A	60A	60A
Maximum Charge Current	50A	60A	50A	60A	70A	80A	110A	120A
BATTERY								
Battery Voltage	12 VDC		24 VDC				48 VDC	
Floating Charge Voltage	13.5VDC		27 VDC				54 VDC	
Overcharge Protection	16 VDC		31VDC		33VDC		63 VDC	
OUTPUT								
AC Voltage Regulation(Batt. Mode)	230 VAC ± 5%							
Surge Power	2000VA		4000VA		6000VA		10000VA	
Efficiency(Peak)	90%~93%							
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)							
Waveform	Pu							
PHYSICAL								
Dimension, D X W X H(mm)	88x225 x320	103x225 x320	88x225 x320	103x245 x330	100x285 x334	118.3x285 x360.4	100x300 x440	100x302 x440
Net Weight(kgs)	4.4	4.4	5	5	6.3	6.5	8.5	9.7
Communication Interface	USB/RS232							
OPERATING ENVIRONMENT								
Humidity	5% to 95% Relative Humidity(Non-condensing)							
Operating Temperature	-10 °C to 50 °C							
Storage Temperature	-15 °C to 60 °C							

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