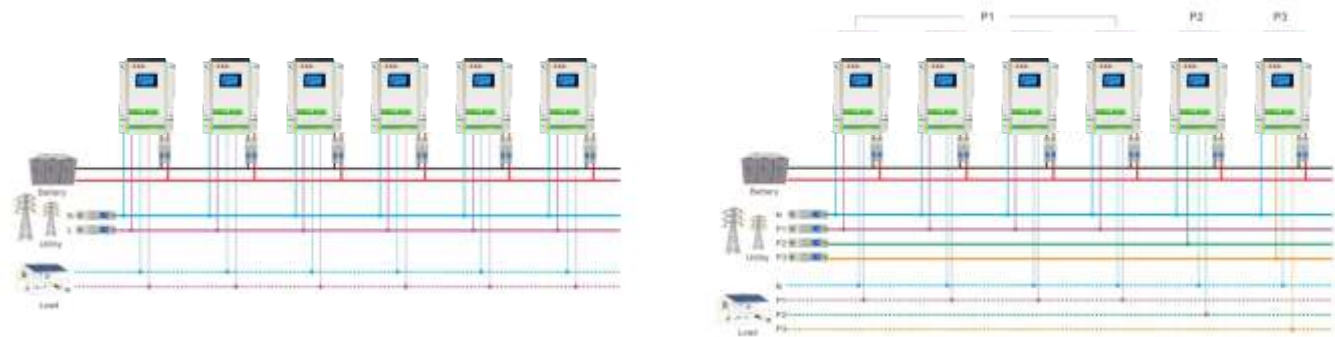


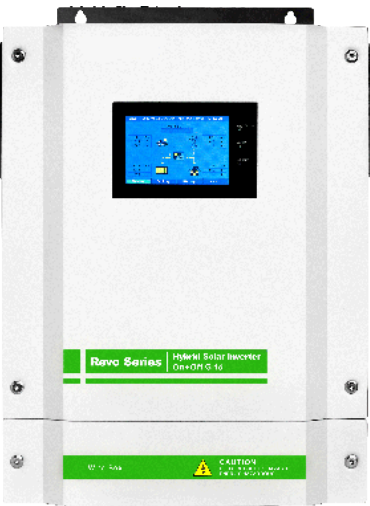
■ Single phase output up to 49.5 KW using 9 units

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



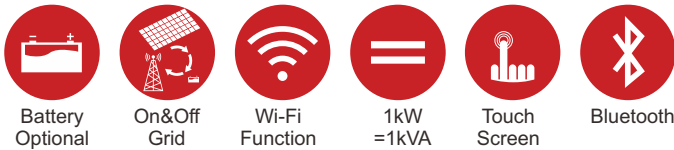
Wall Mounted Integrated Solar Power Inverter Technical Specification
Built-in MPPT Solar Controller

Model	GVT II 3k-24		GVT II 3.2k-48	GVT II 5.5k-48
Max PV Array Power			5000W	
Rated Output Power	3000W		3200W	5500W
MPPT Range @ Operating Voltage	120-450VDC			
GRID-TIE OPERATION				
GRID OUTPUT(AC)				
Nominal Output Voltage	220/230/240VAC			
Output Voltage Range	184-265VAC			
Nominal Output Current	13.6A/13.0A/12.5A	14.5A/13.9A/13.3A		25A/23.9A/22.9A
Efficiency	Up to 93.5%			
OFF-GRID, HYBRID OPERATION				
GRID INPUT				
Acceptable Input Voltage Range	120-280VAC or 170-280VAC			
Frequency Range	50Hz/60Hz(Auto sensing)			
BATTERY MODE OUTPUT				
Nominal Output Voltage	220/230/240VAC			
Output Wave form	Pure sine wave			
BATTERY & CHARGER				
Nominal DC Voltage	24VDC	48VDC		
Maximum AC Charge Current	60A			
Maximum Charge Current	90A			
Emergency output power				
Maximum output Power	3000W	3200W	5500W	
Surge Power	6000W	6400W	11000W	
Automatic Transfer Time	<10ms			
GENERAL				
INTERFACE				
Parallel Function	Yes			
Communication	USB or RS232/WIFI/Generator Dry-Contact			
ENVIRONMENT				
Humidity	0~90% RH (No Condensing)			
Operating Temperature	0 to 50℃			
Net Weight(KG)	11.75	11.9		
Rough Weight(KG)	12.75	13.1		
Dimension(W*D*H)mm	345x476x133.2			



GVT-II

Hybrid Energy
Storage Inverter

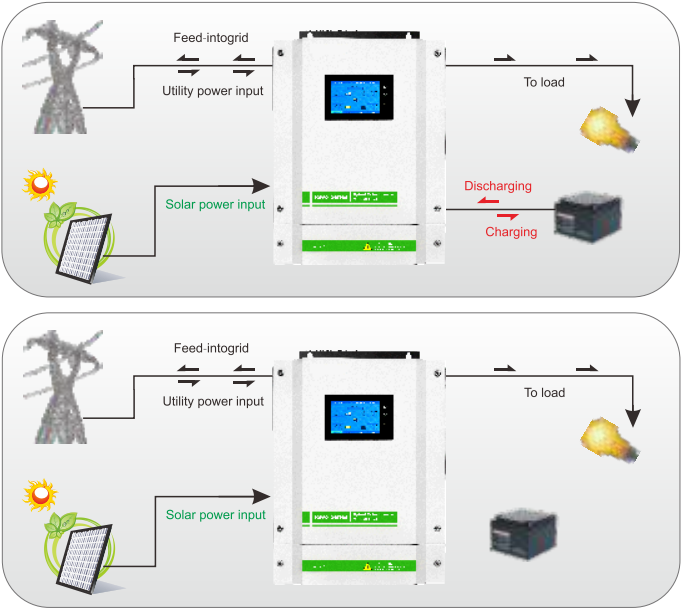


Key Features

- Touch screen display
- PV and utility power the load at the same time (can be set)
- Output power factor PF=1.0
- On&Off Grid with energy storage
- Energy generated record, load record, history information and fault record.
- Structure with dust filter.
- AC charging start and stop time setting.
- External Wi-Fi device optional.
- Parallel operation up to 9 units .
- Connected with battery optional.
- Wide PV input range120-450VDC.
- Independent CPU.
- MAX PV Array power 5500W.
- Solar and Utility supply power to the load When solar power is not sufficient to load.
- The CT sensor will monitor the power consumption of the system and will make sure no excess PV power is delivered to the Grid.



Hybrid Operation



With battery connected

Without battery connected