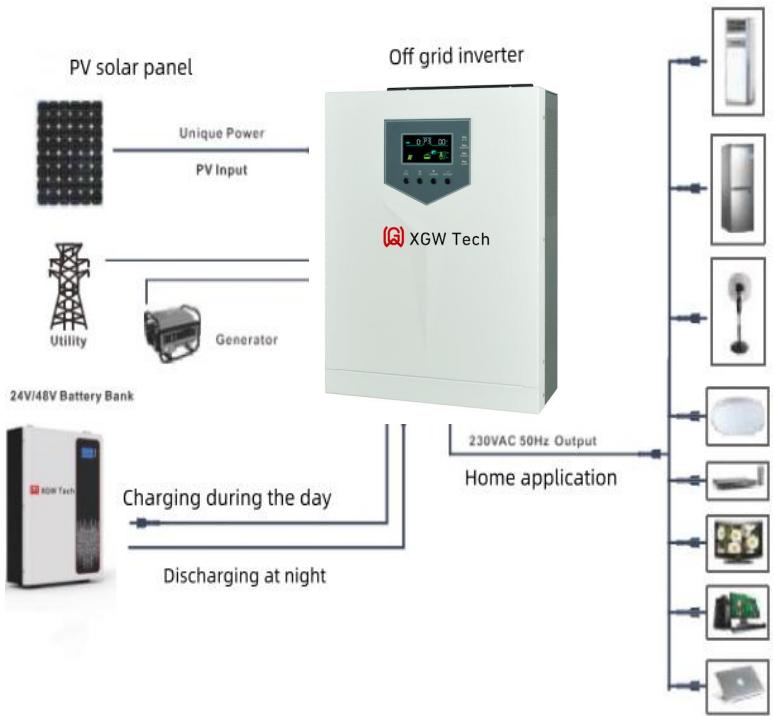




Main features

- 1.Lithium battery auto restart
- 2.Utility charging Voltage/PV charging Voltage adjustable
- 3.Battery reverse connection protection
- 4.Support working without battery
- 5.High precision of output voltage: $\pm 5\%$
- 6.Intelligent power supply mode,intelligent distribution of solar panel/mains/battery power shares
- 7.Slim body,convenient installation and transportation
- 8.PF 1.0,high efficiency,lower consumption
- 9.Parallel fuction,up to max 9 unit,enlarge more loads
- 10.Communication option:external WIFI,supervise at any time



TECHNICAL PARAMETER

Model	VT6048M	VE10048M	VE12548M		
Rated power	4800W	8000W	10000W		
Battery	Lithium/VRLA/GEL/GEL DEEP CYCLE				
Battery type					
Max AC charging current	30A	55A	60A		
Battery charging voltage	54VDC				
Low level disconnect>Selectable)	38-46V	40-42V	40-42V		
Maximum PV array power	3200W	6100W	6100W		
MPPT control voltage range	60-150VDC				
Maximum MPPT charge current	60A	120A	120A		
MPPT Maximum PV display open circuit voltage	150VDC	150VDC	150VDC		
LCD Indicator status	Input AC,Output AC,Battery DC output load,alarm fault,battery charge level,output frequency				
LED indicator status	AC Line in:Green Inverter:Green Charging:Yellow Alarm:Red				
Alarm					
Low battery alarm	Audible alarm-1 beeping per seconds				
Overload alarm	Audible alarm-continuous beeping be turned off after 30s	When the overload is less than 130%,Audible alarm-1 beeping per seconds,and the output will be turned off after 300ms			
Fault	Audible alarm-continuous beeping				
Input					
Capacity(VA)	5000VA	8000VA	1000VA		
Rate DC voltage	48VDC				
Input Voltage Range	154-264VAC $\pm 3\%$ (Normal Mode) 185-264VAC $\pm 3\%$ (UPS Mode)				
Frequency	50/60Hz $\pm 5\%$ (Adaptive)				
Output					
Output Voltage	220VAC $\pm 10\%$				
Output Frequency	50/60Hz $\pm 1\%$				
Waveform	Pure sine wave				
Transfer time(Adjustable)	$\leq 10ms$ for UPS, $\leq 20ms$ for INV mode				
Efficiency	>98%				
Bypass Mode	YES				
Load peak ratio	Max 3:1				
Protection					
Output protection	Overload protection,short circuit protection,Low voltage protection,battery reverse connection protection				
Display	LCD connection port can display operating mode/load/input/output				
Environment					
Operation temperature	0°C to 40°C				
Storage temperature	-15°C to 45°C				
Altitude	No more than 1000m, if >1000m will derate,max 4000m,refer to IEC62040				
Humidity	10%-95% (non-condensing)				
Dimension	720*335*210mm				
Net weight	23KG	33KG	33KG		