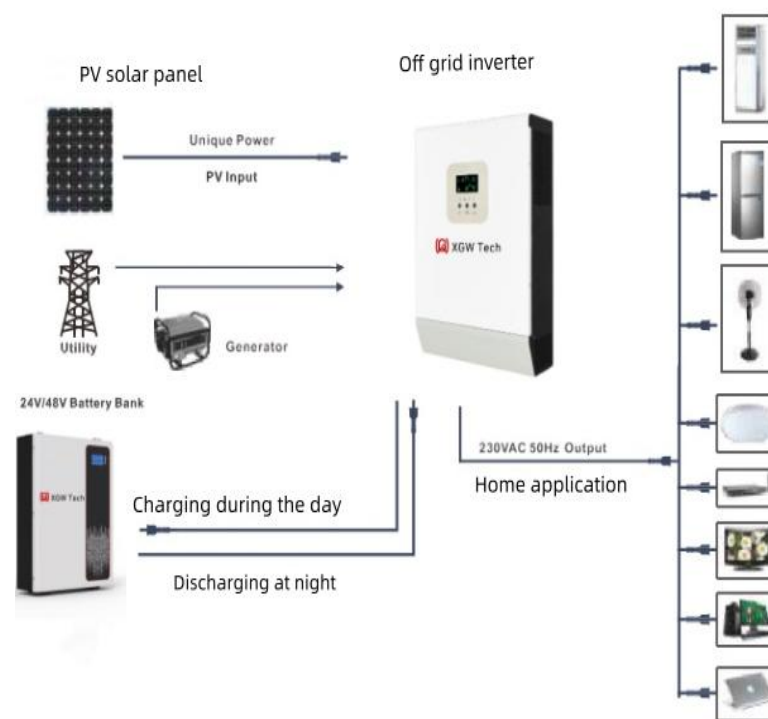




Main features

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 function, up to max 9 unit, enlarge more loads
10. Communication option: external WIFI, supervise at any time



High Frequency Off Grid MPPT Solar inverter

TECHNICAL PARAMETER

Model	GA3024MH	GA5048MH
Rated power	3000W	5000W
Battery		
Battery voltage	24VDC	48VDC
Constant Charging Voltage (adjustable)	28.2V	56.4VDC
Floating charging Voltage(Adjustable)	27VDC	54VDC
Input		
Input Fomation	L+N+PE	
Rate AC voltage	208/220/230/240VAC	
Input Voltage Range	154-264VAC $\pm 3V$ (Normal Mode) 185-264VAC $\pm 3V$ (UPS Mode)	
Frequency	50/60Hz $\pm 5\%$ (Adaptive)	
Output		
Output Voltage	208/220/230/240VAC $\pm 5\%$	
Output Frequency	50/60Hz $\pm 1\%$	
Waveform	Pure sine wave	
Transfer time(Adjustable)	10ms for computer ,20ms for home application	
Peak power	6000VA	10000VA
Overload	Battery mode: 10s@110%-130% load, 1min@102%-110% load , 3s@130%-150% load,200ms@>150% load	
Solar charger&AC charger		
PV charging type	MPPT	
Max PV input	3500W	5500W
MPPT tracking range	120-430VDC	
Max PV input voltage range	450VDC	
Max PV charge current	60A	100A
Max AC Charge Current	60A	100A
Max charge current	60A	100A
Display	LCD connection port can display operating mode/load/input/output	
Communication Port		
RS232	Spin/Pitch2.54mm,Baud Rate 2400	
Expansion slot communication interface	2*5pin/Pitch 2.54nm,lithium battery BMS communication card,WIFI	
Parallel interface	Support parallel	
Environment		
Operation temperature	0°C to 40°C	
Storage temperature	-15°C to 60°C	
Altitude	No more than 1000m, if >1000m will derate,max 4000m,refer to IEC62040	
Humidity	20%-95%(non-condensing)	
Dimension	490*312*124mm	