

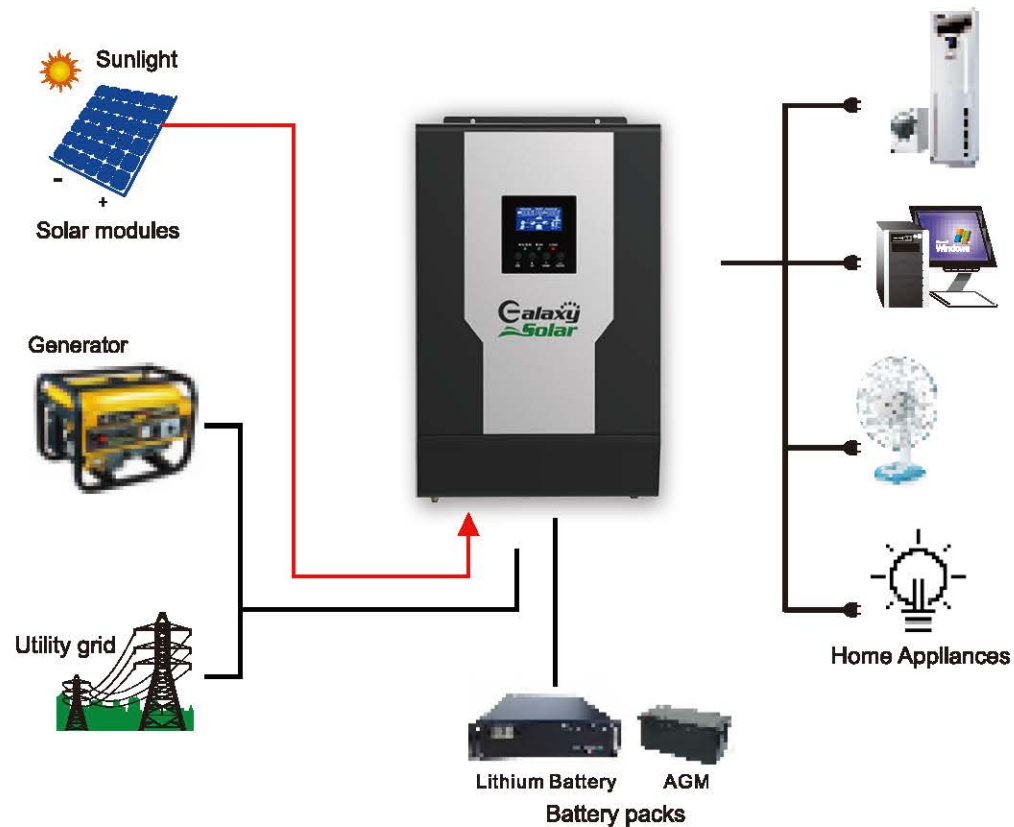
GS-(1-5)K



Features:

- Pure sine wave inverter
- Built-in PWM solar charge controller
- Selectable input voltage range and frequency according to city power in your country
- Charging current is settable according to your battery type
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Overload and short circuit protection
- Smart charging system optimizes battery performance
- Cold start function
- Parallel operation with up to 6 units: it is available for GS-5K

SOLUTION



Model	GS 1K	GS 3K	GS 5K
Rated Power	1000 VA /800 W	3000 VA /2400 W	5000 VA /4000 W
AC INPUT			
Normal Voltage	230 VAC	230 VAC	230 VAC
AC Voltage range	90-280 VAC	90-280 VAC	90-280 VAC
Max. Charge Current	10A or 20A (Settable)	20A or 30A (Settable)	10A /20A /30A /40A /50A /60A (Settable)
Frequency Range	50/60Hz (Auto Sensing)	50/60Hz (Auto Sensing)	50/60Hz (Auto Sensing)
Battery			
BatteryType	Lithium/Lead Acid	Lithium/Lead Acid	Lithium/Lead Acid
Normal Voltage	12.8V /12V	25.6V /24V	51.2V /48V
FloatCharge Voltage	13.5VDC	27VDC	54VDC
MAX. Charge Voltage	14.5VDC	29VDC	59VDC
Over VoltageProtection	15.0VDC	30VDC	60VDC
SolarCharger			
Max. Recommended PV Power	600 W	1500 W	3500 W
MPPT Tracker	1	1	1
Max. PV Open CircuitVoltage	40VDC	80VDC	105VDC
MPPT Voltage Range	15~18VDC	30~32VDC	60-72VDC
Max. SolarCharge Current	50A	50A	50A
Max. MPPT Efficiency	>93%	>93%	>93%
Output Data			
Normal Voltage	230 VAC ±5%	230 VAC ±5%	230 VAC ±5%
Normal Frequency	50/60Hz	50/60Hz	50/60Hz
Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Switch Time	10ms	10ms	10ms
Surge Power	2000 VA	6000 VA	10000 VA
ParallelCapacity	YES	YES	YES
Interface			
Display	LCD +LED	LCD +LED	LCD +LED
LithiumBatteryCommunication	NO	NO	NO
RS 232 /USB /Dry Connector	YES	YES	YES
Wifi/GPRS	NO	NO	NO
Warranty	1 Years	1 Years	1 Years
Physical			
Dimensions (W *H *D)	240 *110 *328 mm	272 *100 *368 mm	295 *120 *467 mm
Weight	4.5kg	6.9kg	9.8kg
ProtectionDegree	IP20	IP20	IP20
RelativeHumidity	5%~95% RelativeHumidity (non condensing)	5%~95% RelativeHumidity (non condensing)	5%~95% RelativeHumidity (non condensing)
Operating Temperature	0℃~50℃	0℃~50℃	0℃~50℃
Storage Temperature	15℃~60℃	15℃~60℃	15℃~60℃