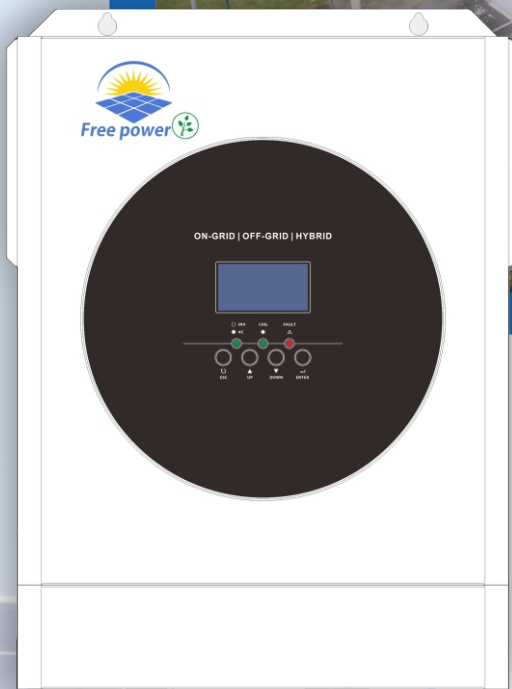




On/Off grid solar Inverter

Free power Glory 5kw On/off grid



Waveform
Pure sine wave



PF=1.0



120-500V
Wide PV Input



Working without
batteries in sun day



Support Generator
Connection



Support Max 12 units
Parallel

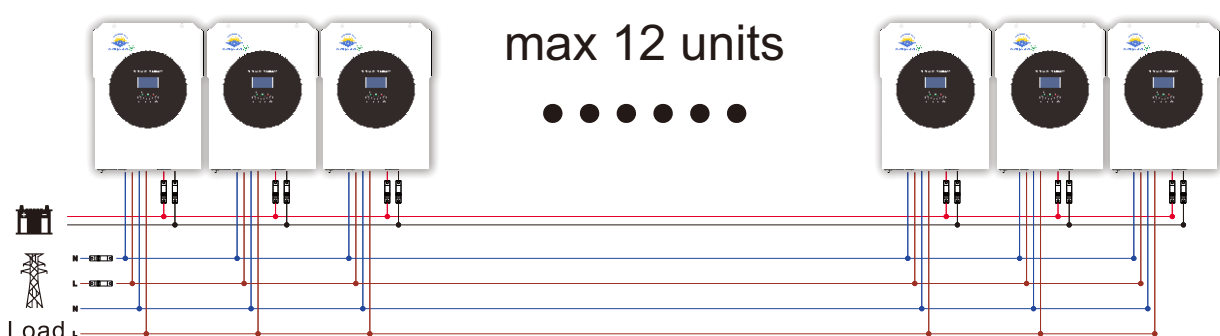
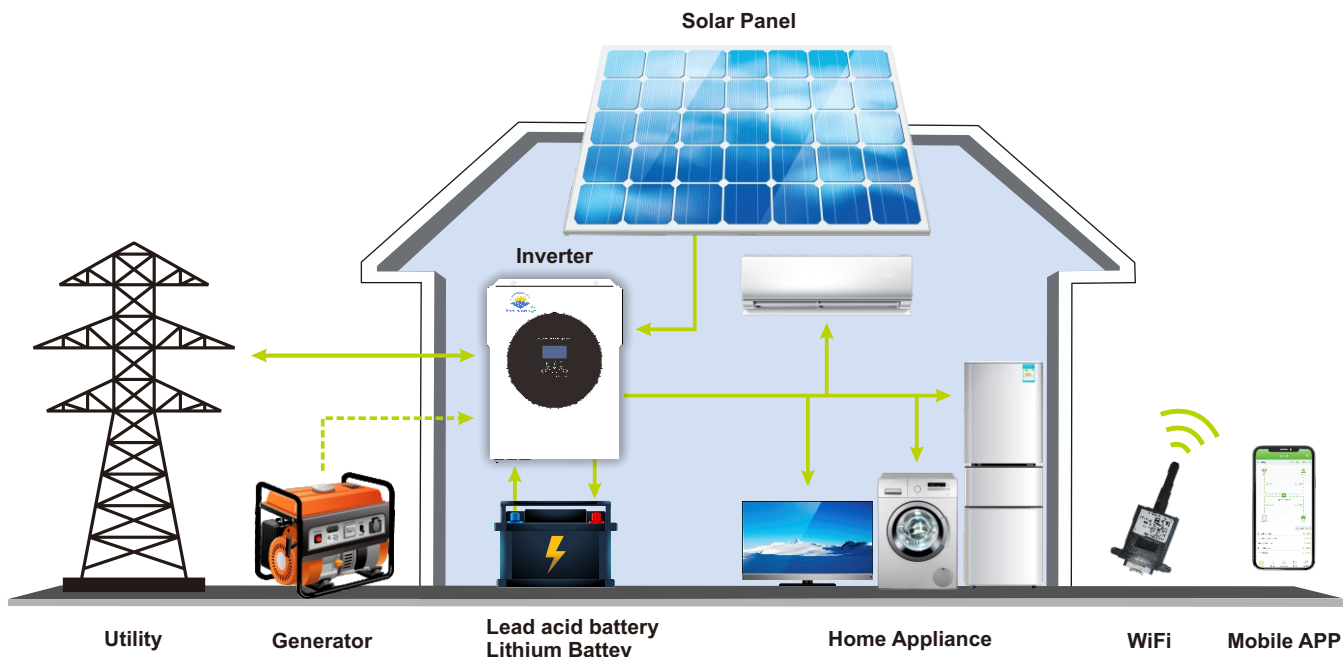


Feed-in to the Grid



WIFI remote
monitoring

Application Diagram



Technical Data

MODEL	Free power Glory 5kw On/off grid
CAPACITY	5KVA/5KW
Parallel Capability	YES,12 units
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	10000VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	97%
Peak Efficiency(Battery to INV)	93%
Overload Protection	5s@>=150% load; 10s@110%~150% load
Crest Factor	3:1
Admissible Power FACTOR	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	48VDC
Flating Charge Voltage	54VDC
OverCharge Protection	63VDC
Charging Method	CC/CV
Solar Charger & AC Charger	
Solar Charger TYPE	MPPT
Max.PV Array Power	5000W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	120VDC~450VDC
Max.Solar Input Current	18A
Max.Solar Charge Current	80A
Max.AC Charge Current	60A
Max.Charge Current	80A
PHYSICAL	
Dimensions,D x W x H(mm)	448x315x122
Package Dimensions,D x W x H(mm)	540x390x217
Net Weight(Kg)	10
Communication Interface	RS485/RS232/Dry-contact
ENVIRONMENT	
Operating Temperature Range	(-10°C to 50°C)
Storage temperature	(-15°C ~ 50°C)
Humidity	5% to 95%Relative Humidity(Non-condensing)

Product specifications are subject to change without further notice.