



### RV Solar Panel Kit with Inverter and Battery

GGXingEnergy is always focusing on the clean and green charging. Except the quality and price advantages, our products are also advanced. Below is a newest RV solar panel kit with inverter and battery.

### RV Solar Panel Kit with Inverter and Battery

Do you have the trouble lacking power when outdoor? Or even if you getting the battery there, but still have no way to recharge it? Or you are going to search a solar panel, but worrying its limited use only under sunlight? Then buy this GGXingEnergy® RV solar panel kit with inverter and battery.

### RV Solar Panel Kit with Inverter and Battery Parameter

#### Solar Panel

Solar Panel Max Power	200 Watt
Solar Cell Type	A-grade monocrystalline
Solar Cell Efficiency	22%-23%
Optimum Operating Voltage (Vmp)	18V
Optimum Operating Current (Imp)	11A
Open-Circuit Voltage (Voc)	21.6V
Short-Circuit Current (Isc)	11.3A
Output Port	MC4
Test Condition	STC Irradiance 1000W/m <sup>2</sup> , TC=25°C, AM=1.5
Operating Temperature	14°F — 149°F (-10°C — +65°C)
Material	ETFE + EVA layer + Solar Cell + PCB backer sheet + Canvas cloth cover
Extended Size	89.37 x 2.13 x 0.98inch
Folded Size	23.74 x 21.22 x 1.50inch
Weight	7kg / 15.5lb
Color	Black
Certification	CE / RoHS / FCC
Warranty	1 year

#### Power Supply

Battery Type	LFP 32140
Battery Capacity	1008WH

AC Charging Time	Around 7 hours
Solar Charging Time	Above 6 hours
USB Output	General USB 5V/2.4A + QC3.0 + Type-C
Car Charger Output	13.5V/9A
DC Input (Solar Panel)	Max 10A (support 18V-22V)
AC Output	110V/220V/1200W (peak 2000W)
Operating Temperature	-10 ~ 40 centi-grade
Lifecycle	>2500 times
Size	290x230x220mm
Net Weight	10.5KG
Accessory	1xAC adapter with charging cable, 1xmanual
Certification	CE, RoHS, FCC, PSE, MSDS, UN38.3
Warranty	1-year

### RV Solar Panel Kit with Inverter and Battery Feature

1), The highest quality grade for the portable solar panel

This GGXingEnergy® RV solar panel kit with inverter and battery is at top on the current market. Not like the general sewed and cloth covered foldable solar panel, such a RV solar panel kit with inverter and battery is laminating the cloth and solar panel in one-piece. This design will make the RV solar panel kit with inverter and battery be more tough and durable for outdoor application.

And especially with the ETFE film, the waterproof and dustproof protection grade can be updated to IP68 (the general one is IPX4). The ETFE coat is also better for scratching against, heat dispassion, and corrosion resistance. This feature can extend the service life of the RV solar panel kit with inverter and battery directly.

The monocrystalline solar cell is with conversion efficiency up to 22%. And due to the special unsmooth structure of the ETFE surface, it can absorb above 10% more sunlight power.

In a word, this RV solar panel kit with inverter and battery design will be higher quality, more upscale, and longer time for use.

2), Added with carrying bag and realizing kickstand function

A good group of RV solar panel kit with inverter and battery must have a way to help the solar panel face sunlight at a right angle to ensure its best working. And in order to ensure the good portability, it needs a way for convenient carrying. But due to the particularity of the craft, such a RV solar panel kit with inverter and battery can not be freely sewed or pasted with a pocket, handle, or kickstand. Then an external bag is designed, which is with pocket to storage the accessories, and with handle for your carrying. The solar panel can be put in the bag when you do not use it. And the bag can also be used as kickstand for the adjusting and supporting for solar panel.



More design details are showing for you:



#### Connectors

The positive and negative poles of the power cable are clearly displayed



#### Water Proof

It has a certain waterproof effect, but it is not recommended to use it in rainy days.



#### Handle

The folding handle is more durable.



#### Carrying Bag

Zipper design for easy access


3), A portable, safe and fully functional solar generator

This set of RV solar panel kit with inverter and battery really combine the practice both for solar panel and battery. The battery can realize the storing for power directly from sunlight via the converting by solar panel. And benefitted by its portable design, you can actually get power at any time and any condition. The portable power station has full protection for short circuit, over current, over voltage,

low voltage, over load and over temperature. Because the inverter is built-in, you can also use it to support those loads needing AC output, not only working for the DC small units again.

### Portable Power Station


AC 220V 50/60Hz INPUT    1200W/1008wh




**MPPT** Solar charge  
Maximum power point tracking

#### Technical parameter


Battery capacity	Weight	Size	Charging	MPPT	AC output	DC output
100Ah (100Ah)	12kg	280*200*130mm	MPPT	20V/5A	220V/5A	12V/5A
Battery	Temperature	Protection system	Warranty	Certificate		
Lithium iron phosphate	>2000	-10~40°C	1 year	UN38.3 PSE MDS		




Outdoor power



Car charging line




Charging wire




User guide

#### Function Panel Description



- ① LED screen
- ② AC switch
- ③ 100W Quick Charge
- ④ 100W Quick Charge
- ⑤ USB-C 40W
- ⑥ Power Switch (Click on start, press 3 seconds to shut down)
- ⑦ DC switch
- ⑧ USB output switch
- ⑨ AC 230V output
- ⑩ Car charging
- ⑪ Car charging
- ⑫ Car charging
- ⑬ Car charging
- ⑭ Car charging
- ⑮ Car charging
- ⑯ Car charging

##### Description of icon work





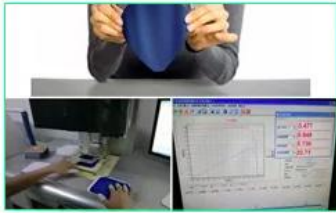
#### Tips when working for the RV solar panel kit with inverter and battery

- 1), Before using the RV solar panel kit with inverter and battery, please pay attention to the full power of the charged loads. They can not be over 1200w.
- 2), It is general for all kinds of solar panels, the real output power can not reach the max data as description.
- 3), Because the sunshine condition will cause power out from solar panel be unstable, you may get the power station be fully recharged over several days when you are away from wall outlet. So that please plan well the use for the battery capacity for this set of GGXingEnergy® RV solar panel kit with inverter and battery.

- 4), Please put the RV solar panel kit with inverter and battery be away from fire and heat source. Because the battery can not work under high temperature.
- 5), The solar panel can be waterproof, but its output lead is not waterproof, also for the portable power station.
- 6), Please do not open the RV solar panel kit with inverter and battery by yourself.



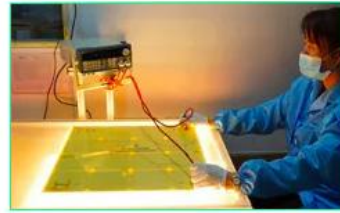
**Production Process**



**Power output testing for solar cell**



**Solar panel lamination**



**Power output testing for solar panel**



**Pre-production preparation**



**Sewing on the solar panels**



**EL testing for foldable solar panel**



**Power output testing for finished product**



**Finished products waiting for clean**



**Finished products waiting for packing**

**Packing & Transport**



## Exhibition



## Certification

