

GGXingEnergy®



Solar Panel Kit With Battery And Inverter

GGXingEnergy is one of the China solar panel kit with battery and inverter suppliers, with full experience and high quality and quick delivery time producing grade. We will provide the convenience for customer's sample or trail order and also the daily excellent after-sale service. Welcome the price inquiry.

Solar Panel Kit with Battery and Inverter

For your RV camping and other outdoor activities, we suggest a group of GGXingEnergy® solar panel kit with battery and inverter. So that you can get

free solar charging and battery to store power. The solar panel kit with battery and inverter is portable enough, and still with high quality and competitive price.

Solar Panel Kit with Battery and Inverter Parameter

Solar Panel

Solar Panel Max Power	60 Watt
Solar Cell Type	A-grade monocrystalline
Solar Cell Efficiency	22%-23%
Optimum Operating Voltage (Vmp)	18V
Optimum Operating Current (Imp)	3.3A
Open-Circuit Voltage (Voc)	21.6V
Short-Circuit Current (Isc)	3.9A
Output	DC port: 18V3A (max) USB Port: 5V/2.1A (max) QC3.0 Port: 5V9V12V 24W (max) TYPE-C Port: 5V-15V 18W (max)
Test Condition	STC Irradiance 1000W/m ² , TC=25°C, AM=1.5
Operating Temperature	14°F – 149°F (-10°C – +65°C)
Material	PET + EVA layer + Solar Cell + PCB backer sheet + Canvas cloth cover
Extended Size	34*20*0.8in
Folded Size	20*17*1.5in
Weight	2.8kg / 6.2lb
Color	Black / Camouflage
Certification	CE / RoHS / FCC
Warranty	1 year

Power Supply

Battery Type	Lithium Ion Battery
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Battery Capacity	550WH/153000mah
AC Charging Time	Around 7 hours
Solar Charging Time	Around 12 hours
USB Output	2 x 5V/2.4A +1 x QC3.0 12W
Car Charger Output	12V/10A/120W
DC Input (Solar Panel)	Max 3A (support 12V-24V)
AC Output	110V/220V/500W (peak 1000W)
Operating Temperature	-10 ~ 40 centi-grade
Size	275x170x215mm
Weight	5KG
Accessory	1xAC adapter with charging cable, 1xmanual
Certification	CE, RoHS
Warranty	1-year

Solar Panel Kit with Battery and Inverter Feature

1), A fantastic group for solar and battery

A solar panel can not store energy. And when there is no sunlight, it is useless. So that if there is a battery for power storage, that will be a very amazing thing for the camping. If only a battery, its capacity is limited, and it is always hard to realize its recharging when outdoor. But taking a solar panel together, it can give charging directly under sunshine.

It is not a simple battery. The group is solar panel kit with battery and inverter, which can produce out AC power and support loads under 500w.

2), High portability to provide most convenience for outdoor carrying

The solar panel kit with battery and inverter is still so portable. The 60w solar panel is same as a briefcase design. The benefit is you just need to easily take it via a handle, not move it hardly. The power supply unit is holding battery, inverter and the outputs all together. And benefitted from the light weight of lithium battery, it is actually super portable.



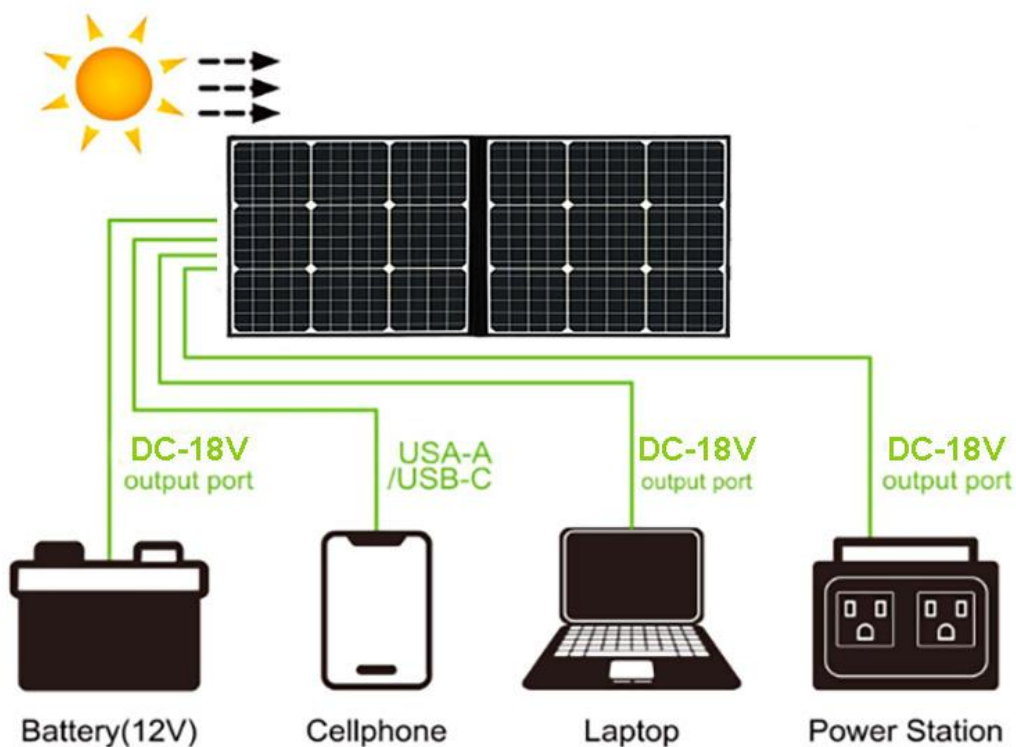
Solar Panel Kit with Battery and Inverter Use Tips

1), Some customers may be confused about the power of solar panel when using this solar panel kit with battery and inverter. That is true the 60w solar panel will always be below 60w even under very bright sunshine. This is because the solar panel's power is totally from sunlight. And it is hard to reach the standard test condition for its max power under natural light. Also the power into load when working will be reduced by consumption.

2), When use this GGXingEnergy® solar panel kit with battery and inverter, please kindly care the use condition. Although the surface of the solar panel kit with battery and inverter is waterproof, the output parts on both the solar panel and the portable power are not waterproof. For the portable power, because it includes battery, please avoid to using it under high temperature. For the solar panel, please ensure it can get as much as sunlight to get more power.



3), The solar panel kit with battery and inverter is separate with solar panel and battery. The solar panel is multifunctional. It also have the function to charge laptop, 12v battery and phone, tablet, power bank or other USB supported units. But because the 60w solar panel is only max around 2A, it is better to not use two loads needing high current at the same time.



4), The solar panel kit with battery and inverter is designed to be smart and convenient for use. The solar panel is installed with supporting legs. When opening it, you can adjust its angle to face 90 degrees to sunlight to increase the output power.



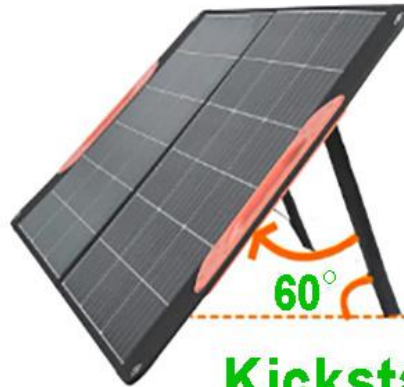
Hook Hole



Magic Handle

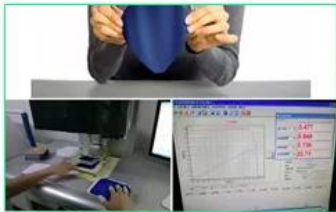


Accessories Bag



Kickstand

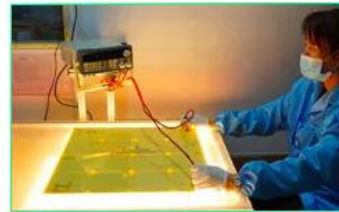
Production Process



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

