

GGXingEnergy is a China manufacturer & supplier who mainly produces solar panel charging kit and portable solar panel with many years of experience. We have a very strong R&D to ensure top quality products, and all our products are manufactured with advanced equipment and strict QC procedures in order to ensure high quality. Because of the stable and timely supply, credible quality and excellent after-sales service, our products sell well in overseas markets, and we have earned an excellent reputation among our customers across the globe.

### Solar Panel Charging Kit

We would like to provide you a GGXingEnergy® 120W solar panel charging kit. With the portable and foldable design, waterproof and durable material, also the wide compatible use, this 120w solar panel charging kit will be great for any outdoor hiking or camping. It is also a must have for stashing in an emergency kit. Follow the sun, power your life!

### 120W Solar Panel Charging Kit Parameter

Solar Panel Max Power	120Watt
Solar Type	A-grade monocrystalline solar cell
Solar Cell Efficiency	22%
Optimum Operating Voltage (Vmp)	18V
Optimum Operating Current (Imp)	6.6A
Open-Circuit Voltage (Voc)	21.5V
Short-Circuit Current (Isc)	6.9A
Output	USB Port: 5V/2.1A (max) QC3.0 Port: 5V-3A or 9V-2.5A or 12V-2A, 24W (max) TYPE-C Port: 5V-3A or 9V-3A or 12V-3A or 15V-3A or 20V-3A, PD60W (max) DC Port: 18V/6.6A (max, at no-load condition)
Test Condition	STC Irradiance 1000W/m <sup>2</sup> , TC=25°C, AM=1.5
Output Interface	DC / USB
Extended Size	1650*550*20mm / 65*22*0.8 inch
Folded Size	550*360*40mm / 22*14.2*1.6 inch
Weight	4.2kg / 9.4lb
Color	Black / Camouflage

### 120W Solar Panel Charging Kit Feature

#### A High Quality Solar Panel Charging Kit

For the outside cloth cover, it is made of durable polyester canvas. It is a kind of 600D PVC cloth, with glue at back to be waterproof. The surface is strong enough even being rubbed on ground. The solar panel surface is made of industrial-strength PET, at back with 1.2mm PCB board to protect well the solar cell. This GGXingEnergy® 120W solar panel charging kit can resist the harsh environment encountered in outdoor activities.



#### A Wide Compatible and Safe Solar Panel Charging Kit

Not only with DC 18V out, also with USB 5V 2A, QC3.0 5V9V12V 24W, Type-C 5V-20V 60W, almost fitting for full DC uses. It will be with strong power to charge your 12v car battery, laptop, portable power station, mobile phones, power bank, digital camera, and other USB powered devices. Or if you have an inverter or battery, you can do DIY for a small solar power system.

This 120W solar panel charging kit comes with smart charge technology which can recognize your device smartly then providing optimal charging speed vary with different devices. GGXingEnergy ensure 100% safe charging with overcurrent, overheating and short-circuit protection.

#### 120W Solar Panel Charging Kit Application

This 120W solar panel charging kit is made for solar generators. It is compatible with most solar generator / portable power station on the market. There are three different size of connectors, 8mm / 5.5 \* 2.5mm / 3.5 \* 1.35mm DC adapters for the general brands of power station. Or if you needing more DC adapters, they can also be added.



Or if you do not have a portable power station, but with your own 12v car battery, you can add an inverter together with this 120w solar panel charging kit to create a solar system. Using the 120w solar panel charging kit to charge the battery at day time, then the inverter can convert the power in the battery to AC output. This 120w solar panel charging kit includes a set of battery clamps with 0.5m cable. Connect it with the DC port on the solar panel and the 12v battery, it will do charge.

Or if your laptop is powered off when outside, you can use the 120w solar panel charging kit to do recharge. There are 10 adapters for the general brands of laptops on the market. It will be plug in and play use. Find the DC 5521 cable and the right connector for your laptop, and use the 120w solar panel charging kit directly under sunshine. If sunshine is bright enough, you can get a good charging speed for your laptop. Or if you find there is no charging, please just stop use, because sunshine is too weak to cause no work.

Now such a large solar panel charging kit is also added with 5V charging function. There are three groups of 5V outlet. The black USB port is 5V/2.1A max. The orange USB port is QC 3.0 for quick charging, 5V/9V/12V, 24W max. Another one is Type-C charging, 5V-20V, 60W max. This 120w solar panel charging kit can power multiple devices at the same time and it will be 4 times faster charging



than ordinary solar chargers. The smart IC chip built in the controller will automatically distinguish the right voltage and current for the devices to get the best charging. We suggest to use your own original USB charging cable for the better charging.



**Power multiple devices  
at the same time**

Equipped with 1\*USB QC3.0 port  
1\* USB-C PD port  
charging compatible devices  
is 4 times faster than  
ordinary solar chargers

DC: 18V/6.6A(max)  
TYPE-C: 5-20V/3A, 60W(max)  
USB: 5V/2.1A(max)  
LED indicator  
USB QC3.0: 5V/3A, 9V/2.5A, 12V/2A, 24W(max)

### 120W Solar Panel Charging Kit Details

This GGXingEnergy® 120W solar panel charging kit is foldable and portable. Folds out to four panels. Length is 65 inch. It can be put at the top of your carport, or hung on the tent or fence. Folds back to storage, as a briefcase size (22\*14.2 inch), small enough to put in your camping bin or under the seat of your car. Light weight, about 10lbs, with a soft rubble handle for being convenient to carry it wherever you go.

In GGXingEnergy, we only use the high grade monocrystalline solar cells. Now the efficiency can be up to 22%, which is higher than most other solar panels on the market. Even if the panel size is not larger than ordinary solar panels, it can also achieve higher power generation.

The 120W solar panel charging kit is equipped with 4 adjustable kickstands, which enables it to capture sunlight more efficiently and increase ventilation to prevent overheating, get 25%-30% more sunlight than lying flat. The kickstand body covered by the cloth is aluminum. It is strong enough to support the solar panel to not be blown down. Near the kickstand, there is a full waterproof zipper pocket to hold the accessories.

