

GGXingEnergy is a professional manufacturer for the folding solar panels for camping located in Shenzhen, China. We can do kinds of customized folding solar panels for camping as per customer's request. Folding solar panels for camping can be 3W to 300W. We are also the direct supplier for lots of our domestic trade companies. For all of our folding solar panels for camping, we only use high grade full power monocrystalline solar cells. So we can actually provide you the folding solar panels for camping with very good quality and competitive price.

Folding Solar Panels for Camping

This is a new model of GGXingEnergy as 120W folding solar panels for camping.

Folding Solar Panels for Camping Parameter

Solar Panel Max Power: 120Watt

Solar Type: A-grade monocrystalline solar cell

Solar Cell Efficiency: 23%

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)

(Measured at STC Condition: irradiance: 1000W /m²; AM1.5; Spectrum-Temperature: 25°C)

Output Interface: MC4 / Andson / SAE / DC / USB, etc.

Extended Size: 1175*615*10mm / 46.3x24.2x0.4 inch

Folded Size: 615*590*20mm / 24.2x23.2x0.8 inch

Weight: 4.25kg / 9.4lb

Color: Black / Camouflage

Folding Solar Panels for Camping Feature

High Quality Solar Panel Charger

The back of the solar panel is made of durable polyester canvas, and the surface is made of industrial-strength PET, which can resist the harsh environment encountered in outdoor activities.

Perfect for travel, hiking, camping or other outdoor activities.

Versatile Application Anywhere

Foldable portable design, folding size 24.2x23.2x0.8 inch, weighs only 9.4 lbs, a durable plastic handle for convenient to carry it wherever you go, the magnets in it can let the folding be more easy. 4 metal mounting holes allow it to be easily mounted on RVs, tents or other surfaces. Let the GGXingEnergy 120w folding solar panels for camping be the perfect companion for your outdoor life.

Multifunctional USB 5V, QC3.0 charging, Type-C charging, DC 18V out, almost fitting for full DC uses.

Power source directly from sunshine, a great charging assistant or emergent charging tool for your full DC devices like mobile phone, power bank, portable power station when outdoor.

Folding Solar Panels for Camping Application

Use the GGXingEnergy 120 watt folding solar panels for camping to realize solar power charging free! The folding solar panels for camping provide an environmentally friendly, quiet and simple way to harness free energy from the sun and modern technology provides more portability than ever when it comes to solar setups.

4-port output, upgraded USB QC3.0 (up to 24W) and USB-C PD port (up to 60W), charging compatible devices is 4 times faster than ordinary solar chargers. The smart IC chip built into the USB port intelligently identifies your device and automatically adjust the optimal current according to the connected device to offer the fastest possible charge speed. In addition, it is equipped with short-circuit protection and over-current protection functions to ensure that your device will not be damaged during charging.

18V DC out super perfectly charging kinds of laptops (with 10 x adapters plug in and play), 12v batteries (with battery clamps), portable power stations (with 8mm / 5.5 * 2.1mm / 3.5 * 1.35mm DC adapters)

Folding Solar Panels for Camping Details

GGXingEnergy always provides the folding solar panels for camping with high practicality.

This 120w folding solar panels for camping is only with two folds. Compared with other 120w panels, which is at least with 4 folds or even 10 folds, this one is much more convenient for use. Just open and close will be ok, no needing to waste time for the foldable operation.

There is a special plastic handle at top. Inside of it, there are 4 strong magnets. As soon as you close the solar panel, the two handles will grip well and the whole solar bag will not be opened again. Also, such a kind of handle can make the product be more fashion and high grade.

At back there is a large pocket to hold the accessories. Its zipper strip is full waterproof. Inside the pocket, a multi-functional charging controller is installed. The 18V DC port can be max 6.6A out. That will be enough powerful to charge the laptops, 12v battery, portable power station and other devices needing 18v for charging. The general 5V USB port is max 2.1A to charge normal 5V USB powered items. The QC3.0 Port is 5V-3A, 9V-2.5A or 12V-2A, max 24W. The TYPE-C Port is 5V-3A, 9V-3A, 12V-3A, 15V-3A or 20V-3A, max PD 60W. They can realize quick charging if the loads supporting this. At back it 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.

Our folding solar panels for camping use highly efficient monocrystalline solar cells, with conversion efficiencies as high as 23%, which is much higher than most solar panels on the market, even if the panel size is not larger than ordinary solar panels, it can also achieve higher power generation.

Why choose such a high power 120w folding solar panels for camping, not a small power with much lower price? It is true, no matter it is large or small power, a solar panel can realize the charging by sunlight. But larger solar power can save you lots of time cost. Not every day will be super sunny.

When sunshine is not strong enough, a larger solar panel can ensure better charging. For example, normally the current out from the laptop AC adapter is 4.5A. This 120w folding solar panels for camping can be up to 6.6A under strong sun. This means its full charging time for laptop will be equal

with the AC adapter's charging via mains supply. If you only use a 40w solar panel, which max current can be only 2.2A. It will be slowly charging or even no charging under weak sunshine.

Why it can not produce out enough 120w? The solar panels are affected by many factors. Such as the intensity of the sunlight and the angle of the panel put on the ground. 120W is tested in an ideal laboratory. In addition, the output power of the solar panel may be limited by the maximum input power of the charging loads. We suggest to use the solar panel under the full sunlight, and make sure there is no shadow cast on the panel.

