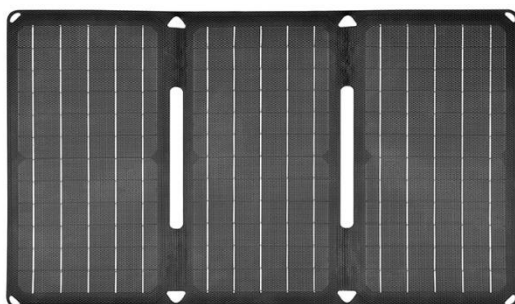


GGXingEnergy®

30 Watt Portable Foldable Solar Panel

GGXingEnergy is a reliable China portable foldable solar panel factory involved in this for several years. Our goal is focusing on each detail, ensuring the top quality and providing the best service to every customer. It will be rest assured to you to buy bulk or customized portable foldable solar panel from us. You can just leave us your mail address for us to send the portable foldable solar panel pricelist.

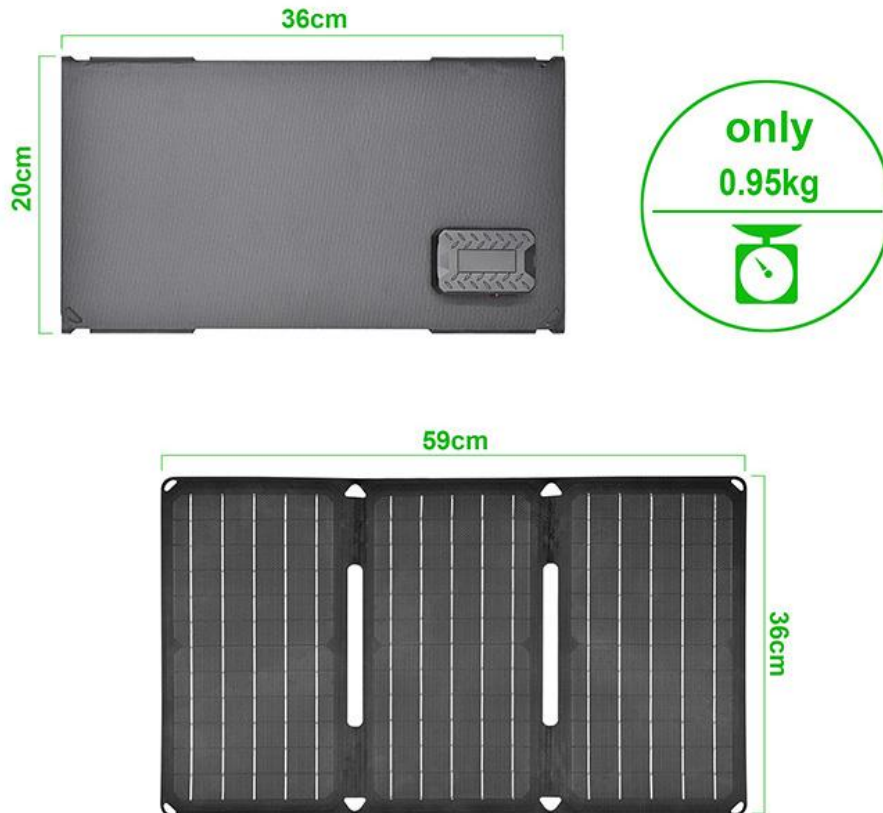
30 Watt Portable Foldable Solar Panel

As the professional manufacturer, we would like to provide you a GGXingEnergy® newest 30 watt portable foldable solar panel. This is a large innovation in the portable foldable solar panel area. Not the general cloth sewing again, but making the solar panel and cloth be laminated together. This can make it be more upscale. Also the portable foldable solar panel is with ETFE craft, which can greatly improve the quality.

30 Watt Portable Foldable Solar Panel Parameter

Solar Panel Max Power	30 Watt
Solar Type	A-grade monocrystalline solar cell
Solar Cell Efficiency	>22%
Output	USB A: 5V3A (max); USB B: QC 3.0 5V9V12V 24W (max); DC: 18V 1.66A (max)
Material	ETFE laminated monocrystalline solar panel + polyester waterproof fabric + intelligent charging chip
Solar Panel Quantity	3
Extended Size	59*36*1.5cm / 23.3x14.2x0.6 inch
Folded Size	36*20*4cm / 14.2x7.9x1.6 inch
Weight	0.95kg / 2.1lbs
Color	Black
Warranty	1 year
Certification	CE, RoHS
Application	Mobile Phone, Tablet, Power Bank, PSP, MP4, GPS, Earphone, Switch, Laptop, 12V Battery, Portable Power Station

Lightweight & Compact



30 Watt Portable Foldable Solar Panel Description

1) ETFE innovation with better quality and longer life-span

This innovation is laminating the solar panel and fabric together. A general cloth sewed portable foldable solar panel may be with winding stitch and the cloth may be out of date after long time use in terrible outside condition. But the new craft is with very tidy design and also making the whole portable foldable solar panel be more durable.

The ETFE coat on solar panel can improve the charging conversion of this GGXingEnergy® portable foldable solar panel benefitted from its higher transparency and honey-comb design. Also its better chemical properties can let the portable foldable solar panel be more stronger for high temperature and corrosion.

A general PET cloth sewing portable foldable solar panel may get efficiency down after two years use, thus like such a ETFE one can be with several more years service life.

2) Providing trickle charging for 12V car / boat / RV / camper / motor home battery

Via the 18V DC port (max 1.66A), this 30 watt portable foldable solar panel can provide trickle charging for 12V batteries (Lead-acid, GEL, lithium battery). You can just put the portable foldable solar panel at your car windshield to use sunlight power the battery.

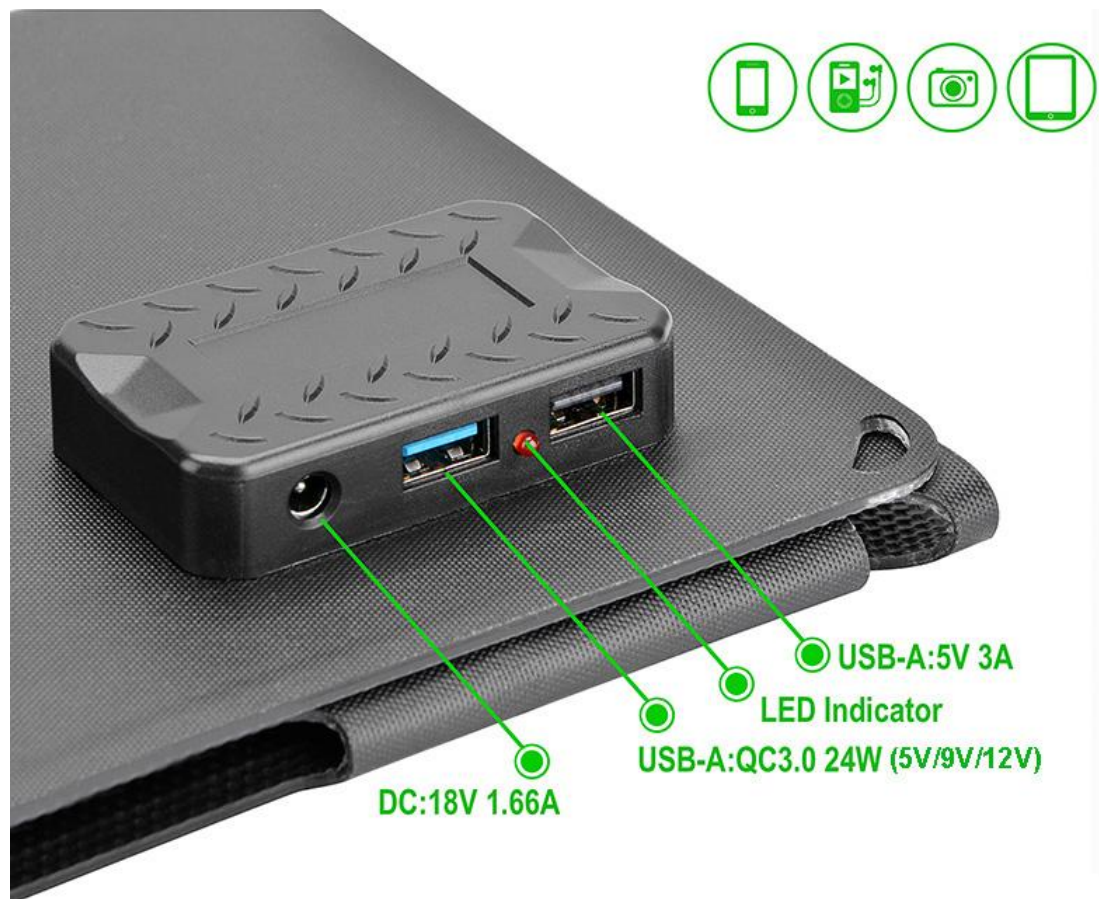
3) Suitable for portable power station / solar generator

The 18V DC port can also charge for most brands of portable power stations on the market. This 30 watt portable foldable solar panel encloses 4 different DC connectors. Maximum current 1.66A, it should be no current restrict to the portable power station. Find the right connector, and connect it to the DC port under direct sunlight, charging will go.



4) USB and QC 3.0 quick charging supported

This 30 watt portable foldable solar panel is also powerful with USB output. No needing a battery, when you are outside and there is no access with electricity, you can get your smart phone, tablet, power bank, PSP, switch, MP4, GPS, earphone or other 5V and QC3.0 & PD protocol electronic devices be charged. This can largely improve your outdoor trip efficiency.



30 Watt Portable Foldable Solar Panel FAQ

- 1) Does the 30 watt portable foldable solar panel need a solar controller to charge 12v battery?
We suggest to use a solar controller together to charge the 12v battery. Because it can protect well the 12v battery charging. If you have a large capacity battery, or you want faster charging not trickle way, we suggest a larger portable foldable solar panel.
- 2) Can the 30 watt portable foldable solar panel charge a laptop?
Yes, it can charge a laptop. But it will do support charging due to the limited output current (max 1.66A). We suggest to use a larger portable foldable solar panel to get better charging.
- 3) Will this ETFE 30 watt portable foldable solar panel have higher waterproof grade than a general one?
Yes, it actually has higher waterproof grade. And the ETFE surface can be better for being dust proof and more easier for cleaning. But the junction box is still not waterproof. Please protect it well when use.
- 4) How is about the package situation?
In the package, there are 1 x 30 watt ETFE portable foldable solar panel, 1 x 0.5m DC 5521 male to male cable, 4 x DC connectors for portable power station (8.0mm, 5.5x2.1mm, 5.5x2.5mm, 3.5x1.35mm), 1 x 30cm micro 5pin USB charging cable, 2 x carabiners, and 1 x manual.

P.S.:

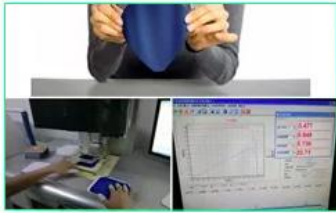
Considering some customers may not need the solar controller or they already have it, in our 30 watt portable foldable solar panel package, it will not include a solar controller and the battery clamps.

This is optional. We can add them if you want.

If there is no right DC connector for your portable power station, we can do customization for you.

There are no type-C cable and iphone charging cable, please kindly use your own original charging cable.

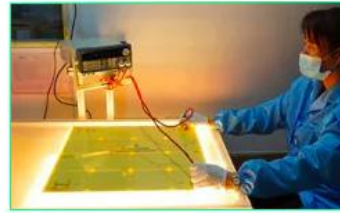
Production Process



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

