

GGXingEnergy®



30W Solar Powered Charger

A solar powered charger has been more and more important for the outdoor activities. GGXingEnergy can help you find a good solar powered charger. We are a full experienced China solar powered charger factory. Our solar powered charger is very popular due to its competitive price and high quality. We can do nice wholesale and customization work for customers, and also provide drop shipping service. Welcome the price inquiry for the solar powered charger.

30W Solar Powered Charger

The GGXingEnergy® 30w solar powered charger is the newest version on the market with ETFE craft and quick charging function. Its high portability and durable feature are perfectly for outdoors.

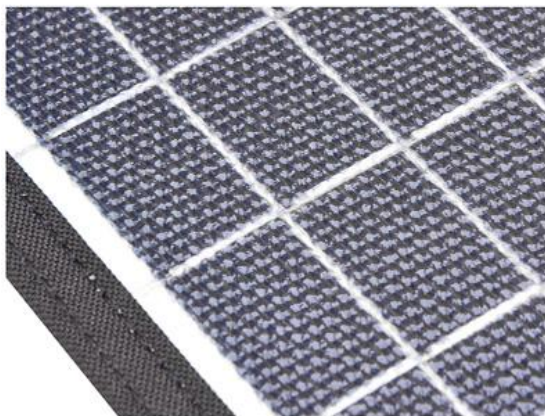
30W Solar Powered Charger Parameter

Solar Panel Max Power	30W
Solar Type	A-grade monocrystalline solar cell
Solar Cell Efficiency	>22%
Output Ports	USB A 1: 5V2.1A (max); USB A 2: QC3.0 24W max (5V9V12V); USB C: PD 18W max (5V9V12V)
Material	ETFE film + Solar Cells + PCB backer sheet + Canvas cloth cover
Solar Panel Quantity	4
Extended Size	90x28x1cm / 35.4x11x0.4in
Folded Size	28x19.5x3cm / 11x7.7x1.2in
Weight	0.80kg / 1.8lbs
Color	Black / Red Camo/Pink Camo/Blue Camo/Green Camo/Digital Camo
Warranty	1 year
Application	Mobile Phone, Tablet, Power Bank, PSP, MP4, GPS, Earphone, 5V USB powered devices or QC3.0 and PD protocol electronic devices

30W Solar Powered Charger Feature

1)ETFE coat realizing better quality grade

This kind of GGXingEnergy® ETFE 30w solar powered charger is different with a general PET solar power charger. The ETFE surface is more transparent and with honey-comb structure, which can absorb more sunlight. Except with better charging efficiency, it is also with better heat and corrosion resistance, which can expand the service life of the solar powered charger directly.

ETFE Surface

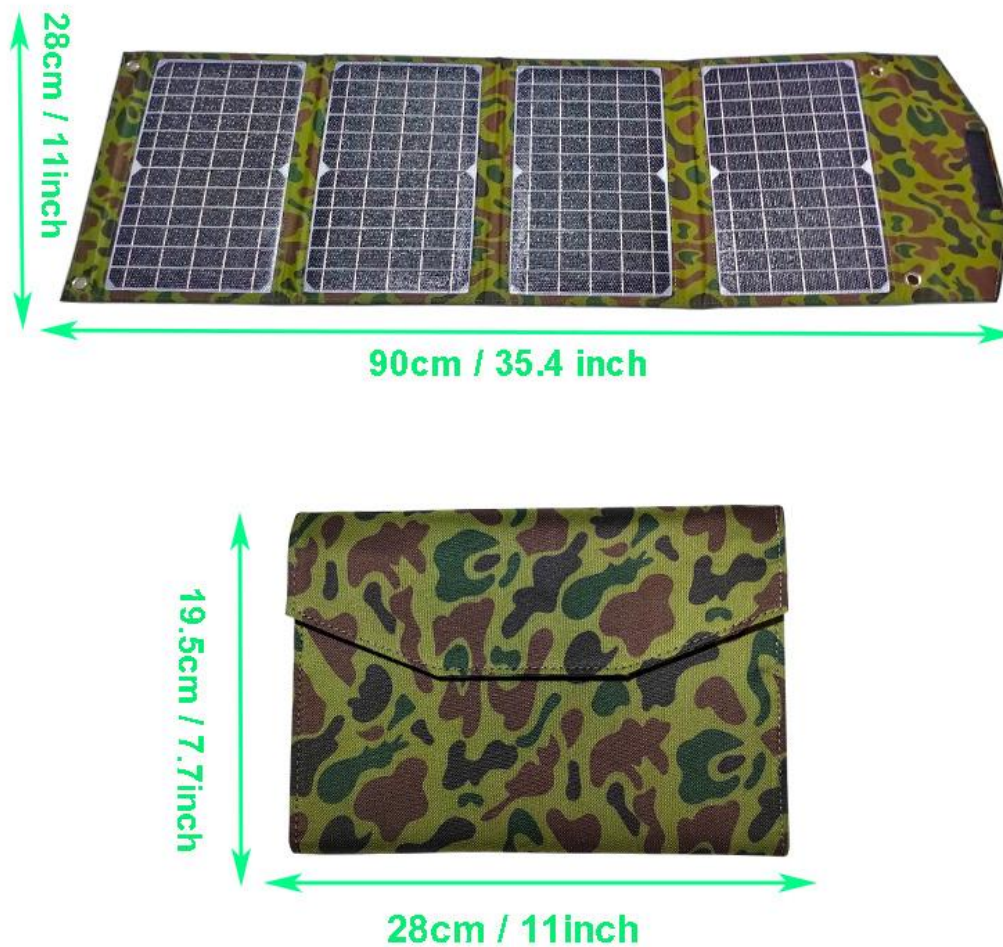
1. Higher light transmittance
2. Lighter design
3. Longer lifetime

**Water&Dust Resistant****2) Updated solar cell with 22% efficiency**

The higher solar cell efficiency means the same size solar panel can produce out more power, or the same power solar panel can be made to be smaller size. Benefited to the smaller size, this 30w solar powered charger is lighter than other lower efficiency ones.

3) Designed for outdoor use

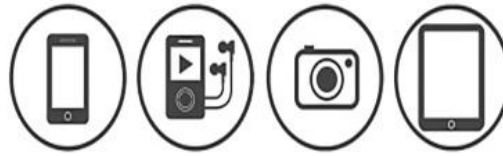
This is a portable and foldable 30w solar powered charger. The four folds panels are sewed on the cloth to be foldable to be only around a magazine size. So that you will never worry how to carry it for your trip. Just set it into your backpack will be ok. When using, you can hang it on the backpack via the holes on the solar powered charger. The fabric cover is durable enough and waterproof. The ETFE surface is better suitable for outdoor terrible condition.



30W Solar Powered Charger Application

A solar powered charger is converting sunlight to power directly. The GGXingEnergy® 30w solar powered charger is with three outputs. General USB 5V 2.1A max can charge the general 5V USB supported devices, like phone, power bank, GPS, PSP, switch, earphone... The orange USB is QC3.0 24w max (5v9v12v). The type-c port is PD 18w max (5v9v12v). The two ports can support the QC3.0 and PD protocol electronic devices to realize quick charging.

Smart High Speed Charging for USB Devices



30W Solar Powered Charger FAQ

1) Can the 30w solar powered charger be suitable for MacBook or another laptop?

We suggest to use the 120w model for MacBook. This 30w solar powered charger can not charge laptop, which will need 18v for supporting.

2) We see another similar 30w item can be used for portable power station or a 12v battery. Will this 30w solar powered charger be the same feature?

Sorry, this 30w solar powered charger is max 12v, and it is without 18v out to charge a portable power station or a 12v battery.

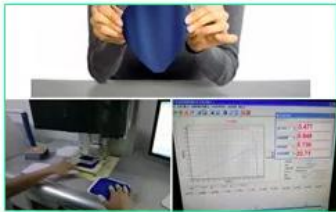
3) How quick can it charge, specially it is with the quick charging function?

Because the solar powered charger is without battery inside to store power, its output will be unstable as per the sunshine intensity. If the device fits with the QC3.0 and PD protocol, it can be powered via the QC3.0 or the PD port on the 30w solar powered charger to enjoy quick charging. When sunlight is strong enough, it can produce out enough current to support the devices and charge it fully with similar full charging time via the wall outlet.

4) Can I leave the solar powered charger in rain, since it is waterproof?

Please do not leave it in rain, although its material is waterproof. The cloth and the solar panel are sewed together. There is still risk to let water be in. But the water splash on surface is no problem. However, the output junction box is totally not waterproof. Please do protect it well when use.

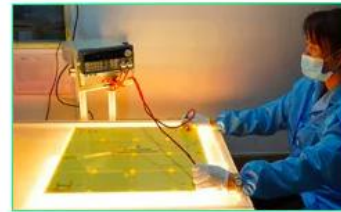
Production Process



Power output testing for solar cell



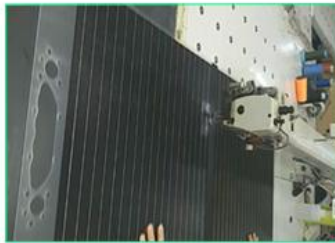
Solar panel lamination



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

