

GGXingEnergy®



### 30W Solar Charger for Phone

GGXingEnergy is one of China solar charger for phone manufacturers with full experience and high sense of duty. The solar charger for phone we producing is designed to be with high portability for outdoor use. If you interest in the solar charger for phone price, please feel free to contact us. We will provide you the newest solar charger for phone with top quality and competitive price.

### 30W Solar Charger for Phone

When you are camping or on trip and without the access to get the wall outlet to power your phone, you can take with the GGXingEnergy® 30w solar charger for phone. It is only near to a magazine size and light weight, you can easily fit it into your camping backpack or hiking daypack. No needing a battery, it can give out power directly under sunshine to power your phone.

### 30W Solar Charger for Phone 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 (5V9V12V); USB C: PD 18W (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 Charger for Phone Description

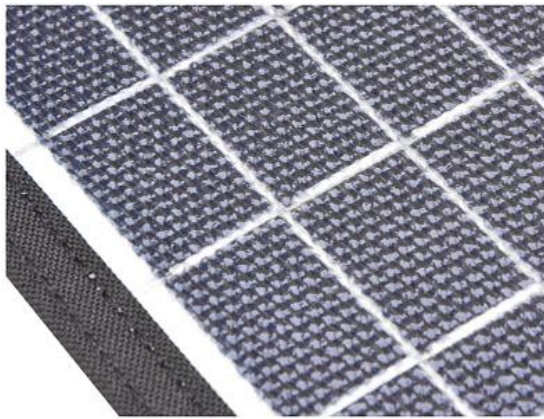
1) Portable, foldable, waterproof, durable, great for outdoor use

This GGXingEnergy® 30w solar charger for phone is made from 4pcs of 7.5w panels, extended to be 90x28cm. Benefited from the foldable design, it is only 28x19.5cm after being folded. Weight is only

around 0.8kg. You never need to worry it will not be convenient for carrying when outdoor. The product is made with waterproof and durable materials, suitable for outdoor rugged condition.



2) Ensured top quality with ETFE coat, higher efficiency solar cell for optimizing  
This GGXingEnergy® 30w solar charger for phone is with large improvement to be with ETFE film.  
Compared to a general PET panel, the ETFE 30w solar charger for phone is with better charging efficiency, also better heat and corrosion resistance to extend the product service life. Based on the ETFE coat, a special polymer film is added to make the solar panel be lighter. Also the higher efficiency of solar cell up to 22% can realize the smaller size.

**ETFE Surface**

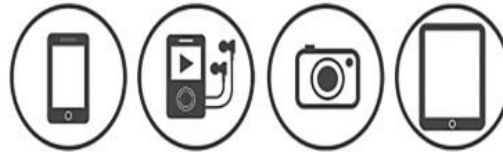
1. Higher light transmittance
2. Lighter design
3. Longer lifetime

**Water&Dust Resistant**

3) Equipped with smart controller, QC3.0 & Type-C for super quick charging

This GGXingEnergy® 30w solar charger for phone totally has three outputs. The general USB port can charge kinds of 5V USB supported devices, such as phone, smart phone, iphone, ipad, tablets, power bank, switch, PSP, GPS, earphone, camera. The orange USB port is QC3.0 max 24w (5v9v12v) out. The type-c port is PD 18w max (5v9v12v) out. This can support the QC3.0 and PD protocol electronic devices, and realize the super quick charging via such a solar charger for phone.

## Smart High Speed Charging for USB Devices



### 30W Solar Charger for Phone FAQ

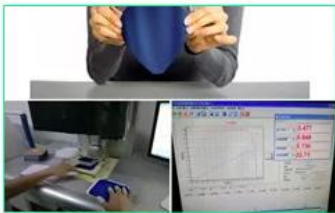
- a. Can this 30w solar charger for phone charge a portable power station?  
No. This GGXingEnergy® 30w solar charger for phone can not charge a portable power station. That will need a 18V output, but this 30w solar charger for phone is 12v out. We suggest the 60w, 100w, or 120w model.
- a. This 30w solar charger for phone can charge a 12v battery right, since it is with 12v output?  
No. Here the 30w solar charger for phone can not charge a 12v battery, which will need a 18v solar panel. We recommend to choose the power of solar panel as per your battery capacity and your request for full charging time. Like a 30w18v solar panel will mainly provide trickle charging.
- b. Can the 30w solar charger for phone power a laptop?  
No. It can not power a laptop since it is without 18v output. If you want good charging time for laptop, we suggest the solar panel above 80w.
- c. How quick can this 30w solar charger for phone charge?  
We mention the 30w solar charger for phone can do super quick charging. The reference is compared to the lower power solar charger for phone, like 8w, 10w, 14w or 21w. Currently if only with the USB output function, the max power is 30w on market. This 30w solar charger for phone

can be with max 2.5A current. Since any solar panel's output current is decided by the sunlight intension, if sunshine is strong enough, the charging time is near to be via the AC adapter.

- d. What is the waterproof IP grade for this 30w solar charger for phone?

The fabric cover is a kind of pvc cloth with glue at back, which is waterproof. The solar panel surface is also water against. Thus the solar panel is sewed into the cloth, we do not suggest to soak the solar charger for phone into water or put it in heavy rain for a long time. Specially, the junction box is totally not water resistant, please do protect it well when use.

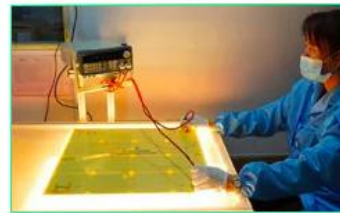
## Production Process



**Power output testing for solar cell**



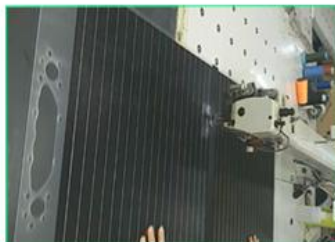
**Solar panel lamination**



**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

