

In GGXingEnergy we always put the product quality and customer service at the first place, and we always do honest business with every customer, because we look forwarder to the long cooperation and repeat orders from customers. As a professional high quality solar charger manufacturer, you can rest assured to buy the 28w solar charger from our factory. Sincerely welcome new and old customers to continue to cooperate with us to create a better future!

28W Solar Charger

This is an updated GGXingEnergy® 28w solar charger with newest ECTFE craft. Equipped with a three outputs USB controller (Dual USB +1 Type C), with foldable and portable design, light, small and compact, the 28w solar charger can be a great option for your outside activities.

28W Solar 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 (5V9V12V); USB C: PD 18W (5V9V12V)
Material	ECTFE film + PCB backer sheet + Solar Cells
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

28W Solar Charger Feature

The updated ECTFE craft can bring this GGXingEnergy® 28w solar charger many advantages. ETFE (Ethylene tetrafluoroethylene) is a fluorine-based plastic, which is created with high corrosion resistance and is considered to have the same long lifespan as tempered glass when used in the solar industry.

It has excellent chemical properties. With strong durability, it is considered as the lifespan can be more than 10 years. With the high temperature resistance, it can withstand temperature up to 150 centigrade.

If a general PET laminated 28w solar charger, you may find power losing around 2 years later. Or the solar panel surface may be out of shape after long use under high temperature. This will also cause solar panel's efficiency be down.

Its thickness is only 0.025mm, with better flexibility and lighter weight. Under the ETFE surface, there is a special film, which can help the solar panel to be more stronger and little flexible. With this ECTFE

film, the PCB board can be thinner and the solar cell will be still strong enough. A general PET laminated 28w solar charger is around 1.1kg. Thus this ECTFE 28w solar charger is around 0.8kg.

Featuring with honey-comb structure which enhance 10% natural lighting, and high transparency (95%) to ultra-violet light, this ECTFE 28w solar charger will be better for sunlight converting than a general PET one.

ETFE film is more dust-proof, and with self cleaning function. Therefore if the 28w solar charger with such film material, it will no need much work in the maintenance. Unlike other solar panels, whose surfaces are easy to catch dust and dirt, and you will need to clean them by hand regularly. Thus this ECTFE 28w solar charger doesn't have such concern.

Water & Dust Resistant



28W Solar Charger Details

This GGXingEnergy® 28w solar charger is very useful to have. Good for camping, hiking, hunting, survival, emergency preparedness, or just being environmentally conscious.

The size of the 28w solar charger is about that of two tablets/iPads stacked on top of each other or a small laptop when folded up. And about 3 or 4 tablets/iPads side by side when opened up. It came

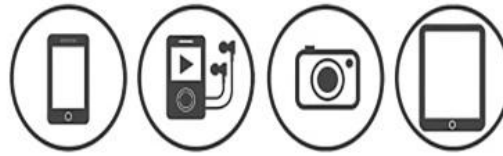
with some carabiners so you can attach it to your backpack, tent, a chain link fence or just about anything that would help face it in direct sunlight.

Different with other solar panel chargers, this 28w solar charger is updated with ECTFE technology. It can be lighter, with much longer life-span, with better charging efficiency... The solar cell is up to 22% efficiency, the same power can be with smaller size. In a world, this new 28w solar charger is with higher quality grade but with much competitive price.

The 28w solar charger offers a tiny power plant that can generate power for your phone (Android and Apple) and small electronics to keep them charged when the sun is out. There is a 30cm micro 5pin USB charging cable together with the 28w solar charger. If you find this cable not fit with your device, please kindly use your own original USB charging cable. It is plug in and play use. Unfold all four solar panels of the 28w solar charger under the direct sunlight and no shadow or cover (The best angle is 45° toward the sun). Then connect your phone or other 5V powered electronic devices to the right output port.

There are three charging ports for the 28w solar charger. The black USB port is general USB 5V 2.1A (max), (not quick charging). The orange USB port is QC3.0 for quick charging, max 24W (5V9V12V). The Type-C port is PD max 18W (5V9V12V). The 28w solar charger comes with smart charge technology which can recognize your device smartly then providing optimal charging speed vary with different devices. It ensures 100% safe charging with overcurrent, overheating and short-circuit protection.

Smart High Speed Charging for USB Devices



Note: This 28w solar charger can't store the electricity and can't charge the laptops, iPad Pro or a power station. To ensure the normal working condition, please let all the 4 solar panels fully covered with sunlight.

The use condition will influence the charging speed. Such as being cloudy, using behind the window, using the phone when charging, or using a very long cable for charging. As a solar panel, it's not going to charge as fast as it would be plugged into your car or wall. To ensure the fast charging, please use it in the direct bright sunlight.