

GGXingEnergy is a large-scale manufacturer and supplier for 100 watt solar panel for camping in Shenzhen, China. In GGXingEnergy we can always ensure the best price and top quality rate for you. Look forwarder to becoming your long-term partner in China.

### 100 Watt Solar Panel for Camping

This fashional GGXingEnergy® 100 watt solar panel for camping is equipped with 4 output ports. The DC / USB / QC3.0 / Type-C charging can be almost compatible for full DC devices. The portable and foldable design can be easy for carrying. Converting sunlight to power directly, no needing battery and AC source, the 100 watt solar panel for camping will be ideal for RV camping, off-grid road trip and unexpected power outages.



### 100 Watt Solar Panel for Camping Parameter

Solar Panel Max Power	100 Watt
Solar Type	A-grade monocrystalline solar cell
Solar Cell Efficiency	22%
Optimum Operating Voltage (Vmp)	18V
Optimum Operating Current (Imp)	5.5A

Open-Circuit Voltage (Voc)	21.5V
Short-Circuit Current (Isc)	6.1A
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/5.5A (max, at no-load condition)
Test Condition	STC Irradiance 1000W/m <sup>2</sup> , TC=25°C, AM=1.5
<b>Operating Temperature</b>	14°F—149°F (-10°C—+65°C)
Extended Size	46.26in * 20.67in * 0.2in
Folded Size	23.03in * 20.67in * 4.57in
Weight	8.16lbs
Color	Black / Camouflage

### 100 Watt Solar Panel for Camping Application

GGXingEnergy® 100 watt solar panel for camping is a great option if you are taking an extended camping trip or if you are traveling somewhere with an unreliable power grid. Powering by sunlight, it is also a must have for stashing in an emergency kit.

- 1) DC 18V Out
  - a. Compatible for portable power station



Before using this GGXingEnergy® 100 watt solar panel for camping to charge, please firstly confirm the right input voltage and current for your own portable power station. This 100 watt solar panel for camping is 18V / 5.5A out. Some portable power stations may do not need 18V for charging or can not accept the current up to 5.5A. There are three DC adapters, 8mm, 5.5x2.1mm, 5.5x2.5mm. If there is no right DC adapter for you, please contact us.

- b. Charging laptop directly





There are 10 x adapters for general brands of laptops. Find the right adapter for your laptop, then connect your laptop with the 100 watt solar panel for camping via the DC 5521 to DC 5521 cable. It is plug and play use. Normally if sunshine is strong enough, the laptop can get a good charging with the current near 4A-5A. If the charging is too slow or no charging, it is due to weak sunlight condition. Please try it again under bright sunlight.

c. Charging 12V car battery



There is no solar charge controller together with this 100 watt solar panel for camping. Because sometimes customer already has his own solar controller. If charging a 12V battery up to 60AH, it can do charge directly. If battery capacity below 60AH, we suggest to use a solar controller together. The solar charge controller is used to protect the 12v battery from discharging and overcharging. We can provide it for you if you needing. This 100 watt solar panel for camping can charge kinds of 12V batteries, such as GEL, Lead-acid or Lithium iron phosphate. But if matching a solar controller, it needs to fit the right model as per battery type. There is a couple of battery clamps with 0.5m cable in the package.

2) USB / QC 3.0 / Type-C Charging

- a. The black USB port is general USB 5V 2.1A (max). It can charge kinds of 5V USB supported devices, such as phone, power bank, MP4, PSP, digital camera...
- b. The orange USB port is for QC 3.0 quick charging, 5V/9V/12V, 24W (max).
- c. The Type-C port is 5V to 20V, PD 60W (max).





GGXingEnergy® 100 watt solar panel for camping provides smart charge technology which can recognize your device smartly then providing optimal charging speed vary with different devices.

**100 Watt Solar Panel for Camping Details**





## Durable / Splash-proof



### Company Info

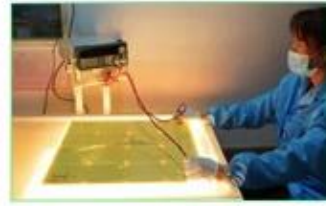
**Production Process**



**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



Certification





Exhibition

