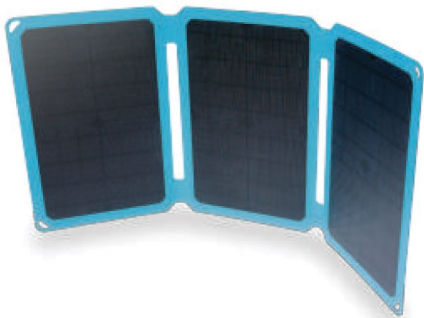


SolarFlex30

USER'S GUIDE



PORTABLE, FLEXIBLE, 30W
SOLAR CHARGER

Suitable for:

- Any USB Chargeable device (5V up to 2A)
- Charging the GoSun PowerBank+
- Other products that can utilize unregulated solar power.

Thank you for choosing SolarFlex30 solar panel. This 30W (STC) folding solar panel is designed to charge PowerBank+. It provides an unregulated solar DC output that is compatible with the solar charging circuit of the PowerBank+. There is also a USB port on the SolarFlex30 so you can charge any standard USB device. No need to bring the PowerBank+ with you if you just want to top off your phone while outdoors directly from the Sun.

1. Features & Specs

Model	<i>SolarFlex30</i>
Power	<i>30W (STC)</i>
Vout	<i>Solar Output: 18-24Vdc, USB Connector: 5Vdc</i>
Iout	<i>Solar Output: up to 1.9A, USB Connector: Up to 2A</i>
Unfolded Size	<i>29" x 14" (741mm x 356mm)</i>
Folded Size	<i>9.65" x 14" (245mm x 356mm)</i>
Net Weight	<i>2.75lbs (1250g)</i>
Cell Types	<i>Monocrystalline Silicone</i>

- ETFE solar collecting surface is water resistance and also dirt resistant. Easily clean the SolarFlex with just a damp cloth.
- ETFE surface is embossed to reduce reflected light and increase light capture by 5% compared to a smooth flat surface.
- Heat laminated fabric design allows the SolarFlex30 to be folded into an easy to transport size.
- Dual output (unregulated Solar dc, and USB 5V) junction box allows you to charge whatever device you need.

2. Directions

Note: Always handle the SolarFlex with two hands. The solar panels are flexible, but the solar cells are not. Supporting the SolarFlex with one hand can crack the cells and reduce the product service life. Do not bend the black solar cells.

USB Output



Solar Output

1. Unfold the SolarFlex30 and face the solar cells towards the sun. You may need to lean the solar panel against something to get the most direct exposure to the sun. In cloudy conditions, some power can still be generated, face the solar panel in the general direction of the sun if possible for the best result.
2. Solar Output: Using the provided coaxial cable, plug one end of the cable into the SolarFlex30, and the other end into the device you wish to power/charge. The PowerBank+, or other device that supports the unregulated output of a 36cell solar PV module.
3. USB Output: using the USB cable provided with the device you wish to power/charge, plug the USB cable into the USB port of the SolarFlex30, and the other end into your device.
4. Both the solar output and the USB output can be used at the same time.
5. Clean only with water and a cloth, a small amount of mild soap can be used if needed. Do not submerge or hose down with water or any other liquid.
6. When not in use, store in a cool, dry place. Do not stack items on top of the SolarFlex30.

3. Warnings

- * Before using, carefully read and follow the instructions. Misuse may cause the solar charger to generate excessive heat, rupture, smoke, catch fire, or otherwise cause a dangerous situation.
1. Do not place on sharp or blunt objects such as rocks or debris to avoid damaging and scratching the solar panel.
 2. Please remove the SolarFlex30 from direct sunlight when not in use.
 3. Avoid use in the high temperatures ($\geq 70\text{ }^{\circ}\text{C}$) or corrosive environments.
 4. Do not connect a charging source to the SolarFlex30. The SolarFlex30 has no integrated battery and cannot be charged. Attempting to force power into

the SolarFlex30 will damage the internal circuit board and may cause the SolarFlex30 to ignite.

- 5.** Do not put the product in a fire or on/near any other source of heat.
- 6.** When charging, do not block any part of the solar panel.
- 7.** Do not take apart of the solar panel there are no user serviceable components in the product.
- 8.** Do not short-circuit either output of the Solar panel.
- 9.** Do not submerge the product in water or any other liquid. The junction box is water-resistant, not waterproof. Prolonged exposure significant amounts of water can damage the output circuit boards.