Solar Bag Manual

Instructions
Solar bag is an eco-friendly mobile phone charger, collect power from sun, then converts sunlight into electricity and charging electronic devices such as mobile phone, power bank, camera etc. The backpack is very good for your outing, can put your different gadget inside, make your traveling life so easy and comfortable.

Charging the Battery
1. Charging from the Solar panel
   Connected the portable battery with solar panel, the battery red led will be lighting, it is means solar charging portable battery. The charging time will be difference according to solar panel power and sunshine.

2. Charging from computer or USB AC charger
   Connect the USB cable to the computer USB port (or AC USB adaptor plug), and plug the mini-USB connector into the battery, then the battery led will become red. The battery should fully charge from flat in about 2 hours.

- [Diagram of solar bag and battery usage]
- [Diagram of charging from computer and AC charger]

[Diagram of how to use the ECEEN solar system]
Charging device:  
1. Power bank charge the device  
Connected portable battery and mobile phone as photo shows, it will be charging your devices.

2. Solar Panel charge the devices  
Connected the solar panel and mobile phone or other's device under sunshine as photo shows, it will start to charging your device automatically.

(* Please note that only solar bag with USB voltage controller, it can charging mobile phone directly under sunshine. It can charging mobile phone directly under sunshine, if no voltage controller for the solar bag, it is need to use the power bank store solar power, then charging mobile phone devices.)

Bag contents:
- solar bag  
- 1 PCS battery (Optional)  
- 1 pcs micro USB charging cable  
(Sometimes the charging cable will be difference according to user's request)
- Manual

FAQ
Q: Is solar bag waterproof?  
A: The solar bag is weather resistant which means it will resist the occasional rain or snowed, it is not design for immersion in water.

Q: What's devices can charged with this solar charger?  
A: The solar bag output is 5V. So it is can charge Cell phone, MP3 players, Tablets, Some of Digital Cameras, etc. other's 5V device.

Q: How long does it take to fully charge battery pack or mobile phone from empty using?  
A: The charging time will be difference based on solar bag power, Sunshine and power bank or mobile phone capacity etc.

Generally speaking, for 6.5W solar charger, under clear sunny days, charging iPhone 6 time is around 2-3 hours, the charging time similar to AC charger.

Q: How long can I get best performance from the solar bag?  
A: You should ensure the solar charger is outside in direct sunlight and that the solar panel is in no way shaded. For best performance, the solar panel should be perpendicular to the sun.

Q: Why is the charging time increased when I used the solar bag behind Windows?  
A: Some windows might have been tinted with solar film that black infrared/UV light. This will reduce the solar cell efficiency, hence increased the charging time.

Q: Can I charge my devices in cloudy day?  
A: Yes, it is ok to charging devices in cloudy day. But the charging efficiency will be lower down, and the charging time will be prolonged.

Q: Can I Charge my device in home lighting?  
A: No, The solar bag can't charging devices under home lighting.