100W Portable Solar Panel

Quick Installation Guide

Thank you for purchasing Portable Solar Panel. Before using this product at first time, please read the instructions carefully to learn about the features and capabilities of the solar panel and how you can get the best out of it.

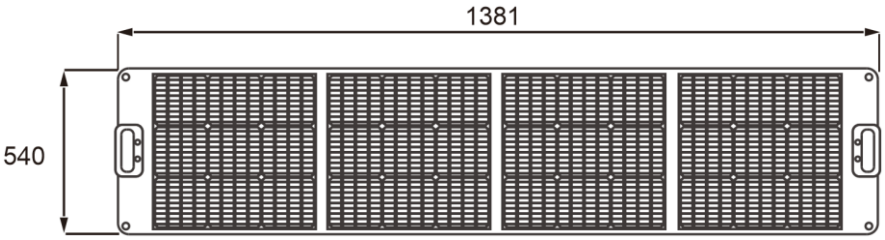
Packing List

Please check the following items after unpacking, if any missing, please contact your local dealer.

Items	Quantity
Portable Solar Panel	1 pc
DC5521 to DC5521 Cable	1 pc
Quick Installation Guide	1 pc

Appearance and Dimensions

Dimensions (mm)



Specifications

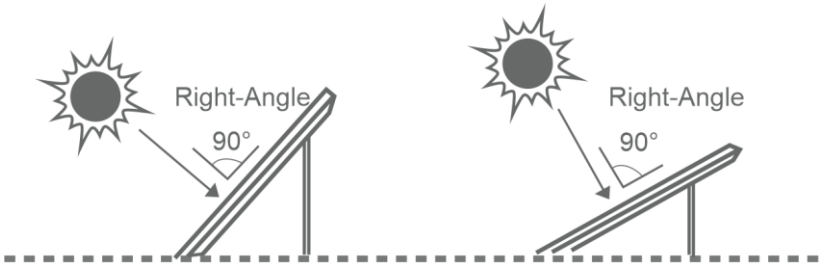
Items	
Peak Power	100W
Cell Efficiency	22%
Power Voltage	19.8V
Power Current	5.05A
Open Circuit Voltage	23.8V
Short Circuit Current	5.33A
USB-1 Output	5V/2.4A
USB-2 Output	5V/3A; 9V/2A; 12V/1.5A
Type-C Output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/2.25A
DC Output	98W/19.4V (-5% ~ +10%)
Folded Dimensions (L/W/H)	540*395*66mm
Unfolded Dimensions (L/W/H)	1381*540*33mm
Weight	4.8kg ± 0.3kg
Operating Temperature	-10~65°C

Caution

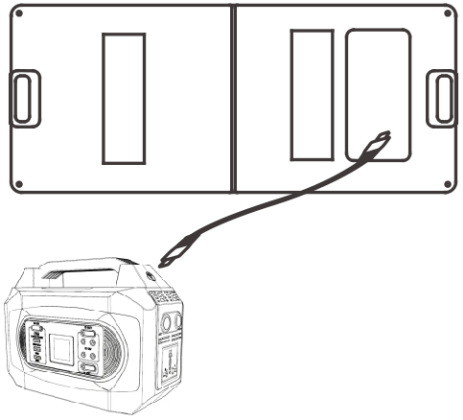
- Place the solar panel in direct sunlight don't cover the panel with other objects.
- Connect your device and solar charger with the accessory cable or any other certified power cable to start the charging.
- In order to get maximum solar energy, please adjust the solar panel towards sunlight in vertical direction.
- Keep your phones and tablets out of the direct sunlight.
- Excessive heat may cause damage.
- Do not puncture, throw, drop, bend or modify this product.
- Do not allow children to play with this product.

Product Installation

Step 1: Expanding the solar panel to receive more solar radiation, please try to keep the solar panel surface and the sunlight at 90°.



Step 2: Connect the USB and DC to the output port, it can be used to charge various IPhone, Android cellphones, some laptops and Portable Power Station.



Do not place the phone, PAD or camera in direct sunlight or heated environment. Place the device in the pocket of the panel or in the shade while charging.
The installation is completed.

Questions

1. Why the electronic device can't charge?

- Is the output connector plugged in or is the cable faulty?
  Re-plug it once or replace new cable.
- Is the Solar panel facing the sunlight?
  Please readjust to the direction of solar panel, to confirm the position of the sunlight.
- Is the surface of the solar panel contaminated with dirt or occlusion items?
  Clean the surface of the panel with cloth.
  Avoid other obstruction blocking the solar panel.

2. Why does electronic device charge slowly?

If there are clouds or rain this will affect charging rate.
Please replace a new cable and try again.
Do not place the electronic equipment in the direct sunlight or overheated environment for a long time.

3. What is the difference between the nominal output of the solar panel and the actual output?

The nominal maximum output power (rated output) of the solar cell is a value calculated by STC (Standard Test Condition, this is the world's recognized standard test condition for ground solar cell modules) in a predetermined "standard state". The "standard state" has a surface temperature of 25°C, air-mass of 1.5 and a solar intensity of 1000W/m^2.

Version: V1.0, updated 2022.11.2.