

ROCKSOLAR®

User Manual

30 Watt Foldable Solar Charger

RSSP30

Congratulations on purchasing your ticket to energy freedom. Tap into the sun's radiance and power your devices anywhere. It will supply years of maintenance-free energy. Please read these instructions thoroughly prior to use, then store in a safe place for future reference.

Package Contents

- 1*Foldable solar panel
- 1*2 meter long DC5.5*2.1mm cable (dual plug)
- 1* DC 7.9*5.5mm adapter
- 1* DC 6.3* 3.0mm adapter
- 1* DC 5.5*3.2mm adapter
- 1* DC 3.5*1.35mm adapter
- 1* DC 7.4*5.0mm adapter
- 1* DC 5.5*2.5mm adapter
- 1* DC 4.8*1.7mm adapter
- 4* Carabiner
- 1*0.5m long DC5.5*2.1mm to MC4 cable
- 1* DC 6.5* 4.3mm adapter
- 1* DC 5.5*1.7mm adapter
- 1* DC 4.0*1.7mm adapter
- 1*User Manual

Technical Specifications

Rated Power	30W
Convert Efficiency	≥20%
Peak Power Voltage(Vmp(V))	18V
Peak Power Current(Imp(A))	1.6A
Open circuit Voltage(Voc(V))	21.6V
short circuit Current(Isc(A))	1.8A
Panel type	PET monocrystalline solar panel
Material	polyester spray proof fabric
Output	QC3.0 (5V/3A, 9V/2A,12V/1.5A Max)
Output	USB 5V/3.0A Max
Output	Type-C (5V/3.3A, 9V/3.3A)
Output	5.5mm/2.1mm DC18V 1.60A (Max)
Unfold size	885x355x35
Folding size	355x250x45
Weight	1.33kg

How to charge your phone/ USB device:

1. Unfold the charger and place the panels under direct sunlight.
2. Connect your USB device or 12V-22V powered device to the solar charger.
1. Keep your device cool while charging. Place it under the solar panel, in the pocket of the solar panel, or in the shade to avoid overheating.

FAQ & Solutions

Q: What can I charge from the solar panel?

A: USB and DC 12V~18V devices, such as phones, tablets and GPS as well as portable power packs or power stations which can be charged by 18V solar panel.

Q: Is the solar panel waterproof?

A: It is water spray proof. Please don't leave it in the water or expose to rain or snow.

1. If my device needs an input current of 1A, will the 2A output of the solar charger damage it?

No. The solar panel has intelligent charging, detecting the needs of your device and delivering exactly what it needs. If your phone accepts 1A, the charger will deliver 1A.

2. What if the solar panel is not charging my devices?

A. Check the manual of your device to ensure the input voltage is 5V(USB) or 12V~18V(able to be charged by 18V solar panel).

B. Cloudy weather and indirect sunlight may cause fluctuations in the current. This in turn may hinder or prevent charging. Place the solar charger in direct sunlight or wait for the weather to clear.

C. Wipe the panels clean with a damp cloth between usage to prevent scratching.

D. Avoid exposure to fire, water and chemical liquid.

3. If it is partially cloudy or shady will the solar charger still work?

Yes, although the charging efficiency will be low causing prolonged charging time.

4. Will this panel charge a power bank?

Yes. Be sure to put the power bank in the pocket of the charger to avoid direct sunlight or excessive heat.

Caution

1. Do not break, dismantle, or drop this product.
2. Dispose the charger according to local environment laws.
3. This charger is not waterproof. Avoid exposure to water, rain, and moist environments.

Warranty

1 year from the date of purchase



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation



MADE IN CHINA