sprout

Foldable Solar Panel Charger

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Sprout is proud to be an Australian owned brand. Starting small in 2011, we are now one of the largest single-branded accessory providers in Australia. We have an extensive range that highlights our pursuit of innovation across a growing number of technology categories.

Our mission is to inspire new and better experiences, by designing products that enhance your digital life.

CONTENT

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to access an online
version of this manual

01. What's in the box?

Thank you for choosing our
Foldable Solar Panel Charger.

For optimum performance and safety,
please read instructions carefully before usage.

Please keep this manual for future reference.
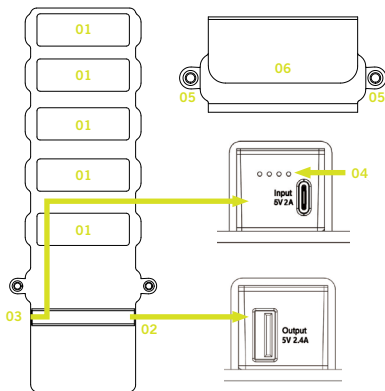
1x Foldable Solar Panel Charger

1x USB Type-A to USB Type-C charging cable

1x Product manual

02. Product Overview

01. Solar panel
02. USB output 5V 2.4A
03. USB Type-C input 8V 2A
04. LED light indicator
05. Eyelets for mounting
06. Magnetic latch

02. Product Overview

Built-in battery:
Lithium-ion polymer battery captures power directly converted from sunlight, or when charged via mains power.

USB Type-A output:
Supports external battery packs, tablets, mobile phones and other 5V USB powered devices (except for Bluetooth devices under 50mA).

USB Type-C input:
Allows charging of the built-in lithium-ion polymer battery from external power sources.

iSolar technology:
Intelligently detects the sunlight intensity to optimise current conversion to achieve maximum power.

Multiple built-in protections:
SUNPOWER® panels are water and corrosion resistant. Charging control and cut-off technology has been built into the Foldable Portable Solar Charger to ensure safe charging.

Intelligent design:
Foldable design for portability and optimised solar capacity. Durable Nylon housing with built-in pockets to protect each panel and create a dust-free environment.

03.

How to recharge the built-in battery by solar or AC charger:

1. Place the solar panels under direct sunlight, adjust angle towards sunlight (vertical direction) to achieve the optimal charging effect. When panels meet sufficient sunlight, the LED indicators show current battery level.

2. Solar panels must be exposed directly to the sun, please remove any possible shelter or shading.

3. When fully charged, all LED indicators will be illuminated. LEDs will turn off automatically when insufficient sunlight to charge.

4. Battery can also be charged by wall charger with an AC adapter (5V 2A).

5. A maximum of three (3) Foldable Solar Panel Chargers can be connected to increase charging speed.

6. LED indicators will light up and show the battery charge level.

03. Product Usage

How to charge mobile devices:

1. Prior to charging a device inspect your Foldable Solar Panel Charger and any cables for damage or abnormalities.

2. Use only provided cable, or other certificated cable, to connect Foldable Solar Panel Charger to your device.

3. Check your device to confirm charging. If not, unplug and plug in again or try another cable.

LED Light Indicator

4 blue lights on: Battery 100%   ● ● ● ●

3 blue lights on: Battery 75%   ● ● ● ○

2 blue lights on: Battery 50%   ● ● ○ ○

1 blue light on: Battery 25%   ● ○ ○ ○

1 red light on: Battery requires recharge ● ○ ○ ○

04. Specifications

- Built-in battery: Lithium-ion polymer 3.7V 2000mAh
- Charging time: about 4-5 hours (70000lux light condition)
- Peak power: 5V 7W
- Solar conversion rate: 20%-25%
- Input: USB 5V 2A(MAX)
- Outputs: USB: 5V 2.4A(MAX)
- Unfolded size: 635 x 95 x 3mm
- Folded size: 110 x 95 x 40mm
- Net weight: 420 grams
- Operating temperature: -10 degrees to 50 degrees Celsius

05. Care and Maintenance

To maximise the built-in battery's lifespan, fully recharge it at least once every 90 days.

It is normal that solar panels heat up while being recharged by solar energy. The panel has in-built protection to cut charging in high temperature environments for safety and to protect equipment.

Use provided cable or other certificated cable to ensure optimum performance.

Foldable Solar Panel Charger may fail to support charging and discharging at the same time due to lack of intense sunlight. On cloudy days the amount of usable solar energy is reduced and will lower performance.

06. Important Safety Information

1. Do not leave or use Foldable Portable Solar Charger in an area where temperatures may exceed 50 degrees Celsius such as inside a closed car on a hot day.

2. Do not expose Foldable Portable Solar Charger to rain, liquids or high humidity environments.

3. Foldable Portable Solar Charger should be stored in a cool, dry place when not in use. Remove all cables when being stored.

4. Solar panels are not bendable. Handle with care and avoid hard knocks or risk of piercing solar panels with any sharp objects.

5. Do not attempt to open or service Foldable Portable Solar Charger. There are no user serviceable components in this product.

Avoid fire	Avoid liquid	Keep dry	No squeezing

07. Consumer Guarantee

Our Goods come with consumer guarantees under Australia Consumer Law. Under this legislation you are entitled to a replacement or refund for a major failure, and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if they are not of acceptable quality and the failure is not a major failure. If you have any questions about your rights in relation to this product, please return it to point of sale or contact us at www.sproutinc.com.au. For more information about your rights under Australia Consumer Law go to www.accc.gov.au.

Your Foldable Solar Panel Charger is warranted to the original owner for 24 months from the date of purchase against defects in material and workmanship under normal use and service. The warranty does not cover misuse of this product and its liability will not exceed the purchase price of the product. If you have any problems while using the product, please do not hesitate to contact our customer support team.

For warranty and technical support please visit sproutinc.com.au or email sproutenquiries@sproutinc.com.au

Thank you for choosing a Sprout product.

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