

70mai Portable Solar Panel 110 User Manual

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Read this manual carefully before using the product and keep it in a safe place for future reference.

Precautions

1. The solar panel is splash-proof. However, do not submerge the product in water.
2. For optimum performance, keep the solar panel clear of dust, soil and other debris.
3. In case the solar panel is stained or dirty, wipe gently with a piece of soft, damp cloth. Do not rinse the solar panel with water.
4. Do not use or store the product near inflammable or explosive materials. Do not throw the product into fire.
5. Stop using the product immediately if any wire becomes loose or any electronic components is exposed.
6. Do not punch, crush or step on the solar panel. Do not bend the solar panel.
7. Do not attempt to disassemble the solar panel in any way.

Specifications

Product: 70mai Portable Solar Panel 110

Model: ME11MA1

Weight: 11lbs (5kg)

Dimensions (folded): 28.2 × 23.2 × 1.2 inch (716 × 590 × 30mm)

Dimensions (extended): 28.2 × 46.8 × 0.6 inch (716 × 1190 × 15mm)

Cell type: Monocrystalline

Rated power: 110W

Cell efficiency: 22%

Open circuit voltage: 22.5V

Short circuit current: 5.8A

Operating temperature: -10°C to 70°C

Solar port: MC4

USB-A QC: 5V = 3A/9V = 2A/12V = 1.5A (18W Max.)

Type-C: 5 V = 3 A

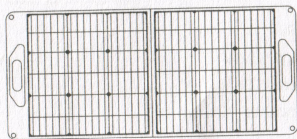
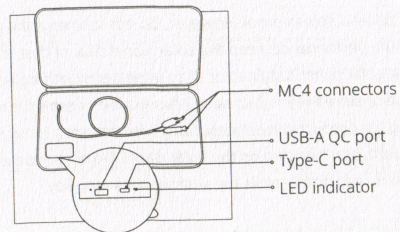
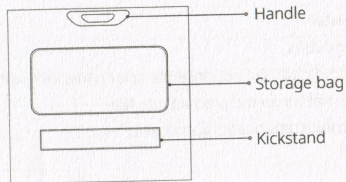
Packing list

1. 70mai Portable Solar Panel 110 × 1

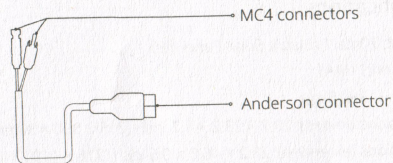
2. Solar charging cable × 1

3. User manual × 1

Product overview



Solar panel

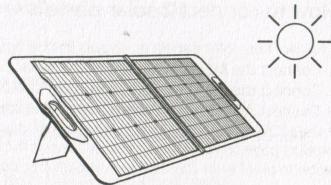


Solar charging cable

Note: Illustrations of product, accessories, and user interface in the user manual are for reference purposes only. Actual product and functions may vary due to product enhancements.

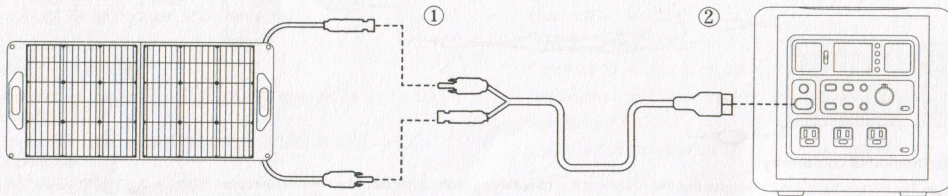
How to use

1. Open the solar panel and then put down the kickstand.
2. Place the solar panel at a location with exposure to direct sunlight.
3. To ensure optimum power output, make sure the solar panel is perpendicular to the sunlight and not covered by any shadow.



How to connect

1. Connect the MC4 connectors of the solar panel to the solar charging cable.
2. Connect the Anderson connector of the solar charging cable to the Anderson port of the power station.



How to connect 2 solar panels

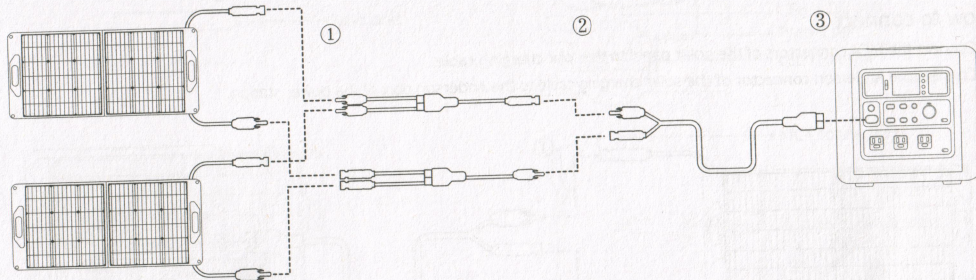
Connect two solar panels as shown in the figure below:

1. Connect the MC4 connectors of the solar panel to a pair of MC4 parallel connection cables*.
2. Connect the MC4 parallel connection cables to the solar charging cable.

3. Connect the Anderson connector of the solar charging cable to the Anderson port of the power station.

* The MC4 parallel connection cables are optional accessories and you may need to purchase them separately. For more details, please check the product page on www.70mai.com, or consult the customer service.

Note: To avoid error caused by incompatibility, do not connect any third-party solar panel in parallel with the 70mai Portable Solar Panel 110.



EU declaration of conformity



The manufacturer hereby declares that this equipment is in compliance with the applicable Directives and European Norms, and amendments. The full text of the EU declaration of conformity is available at the following internet address: <https://help.70mai.asia/1193.html>

FCC Caution

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.