OUKITEL

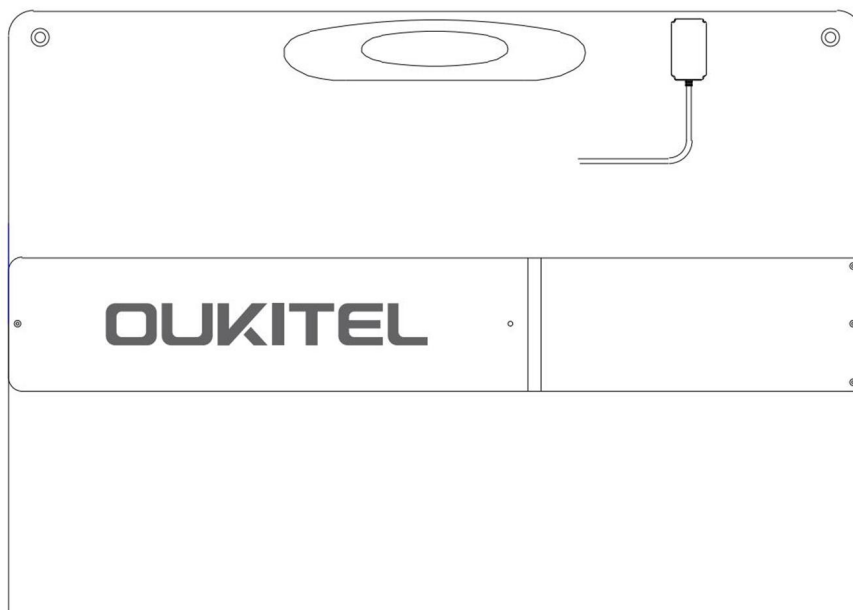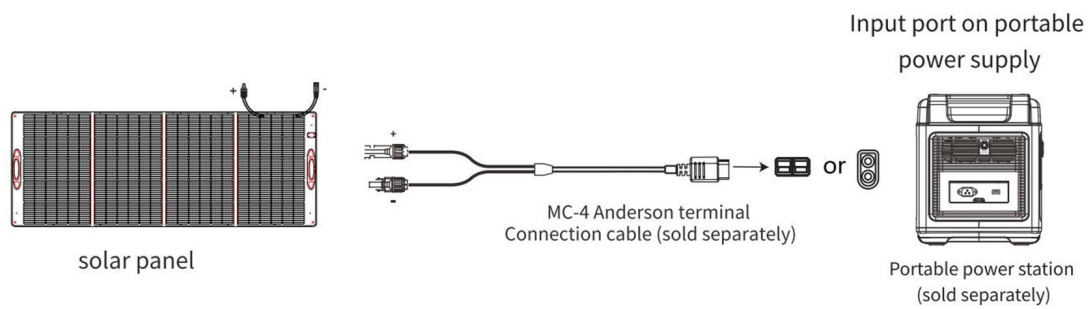# Solar Charger

400W waterproof solar panel
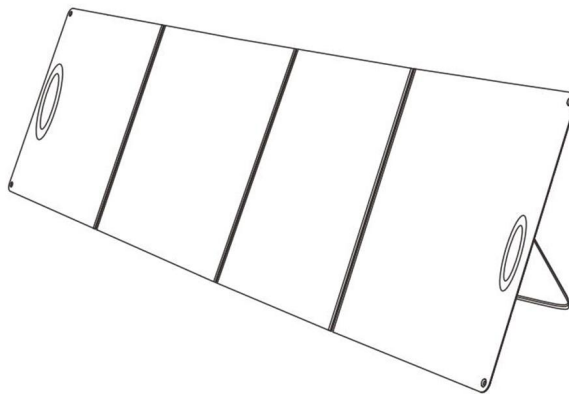
an instruction manual

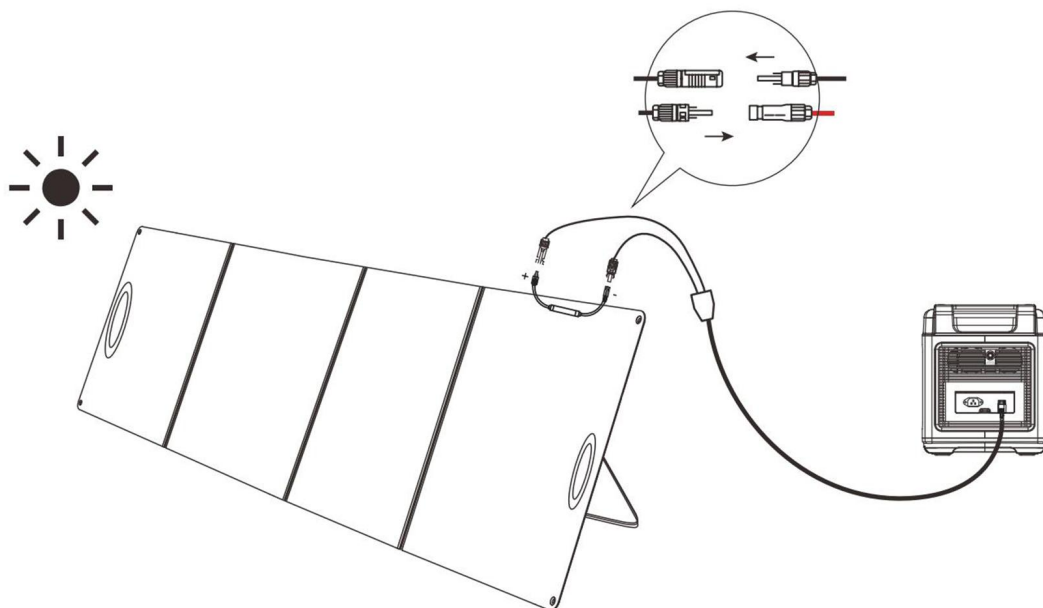# Connection Method

Input port on portable power supply

solar panel

MC-4 Anderson terminal
Connection cable (sold separately)

or
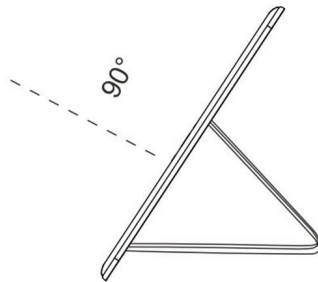
Portable power station
(sold separately)

How to use

1. Remove the solar panel.

2. Connect the MC4 terminal connector on the solar panel to the PV terminal on the connecting cable. (Sold separately)

3 If solar panels are oriented so that they are constantly exposed to full solar radiation, they can generate electricity more effectively.

3 The solar panel can also be used in an upright position and should be placed at an angle of 60° -90° to the ground for charging.
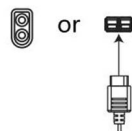
90°

90°

60°
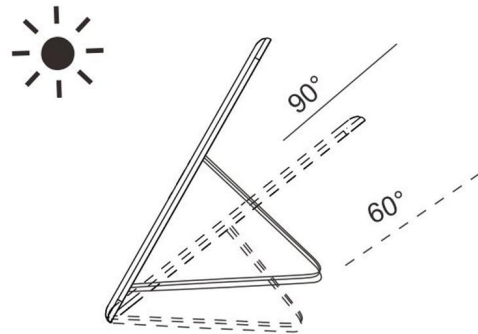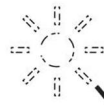
Series and parallel connection methods

Parallel connection
(see diagram below)

1.Connect the positive and negative poles of the two solar panels in parallel with the MC4 parallel cable (see diagram below).
2.Connect the sink connector of the MC4 parallel cable to the MC4- PV terminal cable.
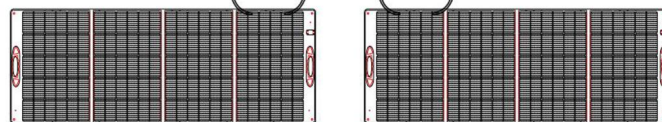3.Then connect the MC4-PV terminal cable to the PV port of the product to charge the product.

Product body

or

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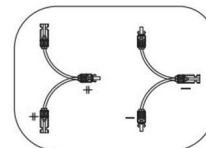
Cable for parallel connection of solar panels
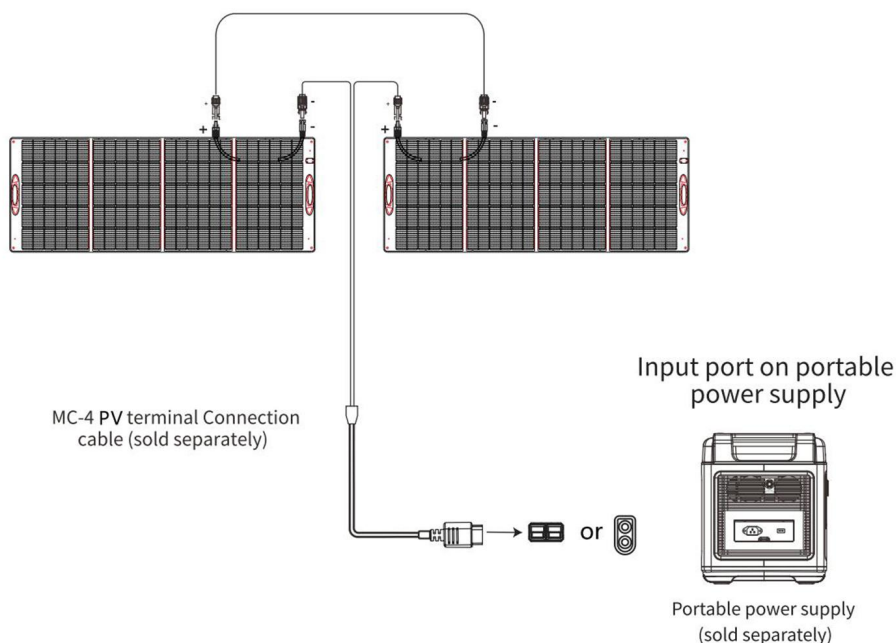(sold separately)

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Solar panels A

Solar panel B

Series connection
(see diagram below)

1.Connect the positive and negative MC4 connectors of the two solar charging panels in series.
2.After series connection, connect the positive and negative of the remaining two MC4 ports with the MC4 to PV terminal cable.
3.Next, connect the MC4 to PV terminal cable to the PV port of the main product to charge the product.

MC-4 PV terminal Connection cable (sold separately)

Input port on portable power supply

or

Portable power supply (sold separately)

400W solar panels	
Maximum power output: 400W (+/-5W)	
Open circuit voltage: 43.8V±10%	
Short-circuit current: 12.88A±10%	
Rated voltage:36V±10%	
Freeze current:11.1A±10%	
Efficiency :≥24.8%	
Battery type Type: monocrystalline silicon	
Connection method: MC4	
Operating temperature: +25°C (-10° C to 65° C)	
(technical) specification	
Weight:19.2KG±0.3KG	
Developed size (L x W x D):2554*959*21mm	
Storage size (L x W x D):959*679*35mm	
Warranty: 12 months	
Safety certification	

FC CE RoHs PS E

Precautions.

(1) Do not bend the solar panel (do not bend it lower than a 30° angle) as this may cause damage.

(2) The solar panel is IP68

(3) Please avoid use and storage near fire and heater.

(4) Please do not damage the product with nails or sharp objects and avoid stepping on it.

(5) Disassembly is prohibited.

(6) Avoid the use of corrosive chemicals.

Frequently asked questions

Q: Are those solar panels waterproof?

A: Yes. The surface is IP68

Q: What is the rated power of solar panel ?

A: 400W

Q: Does it support to charge the USB appliance?

A: No

Q: Does this monocrystallin or polycrystallin panels?

A: It is equiped with high quality monocrystalline

Q: Does this unit waterproof? Can these solar panels be permanently instaled outside?

A:Yes,It is waterproof , The product can be permanently installed outdoors.

enquiry

1-year limited product warranty

If you have any questions, please contact us by phone and email

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Customer Support Email:support@oukitelpower.com
power@oukitel.cc

Official Website:us.oukitel.com