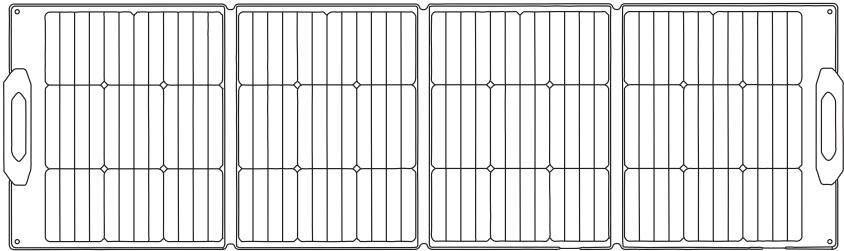


200W SOLAR PANEL

User's Manual

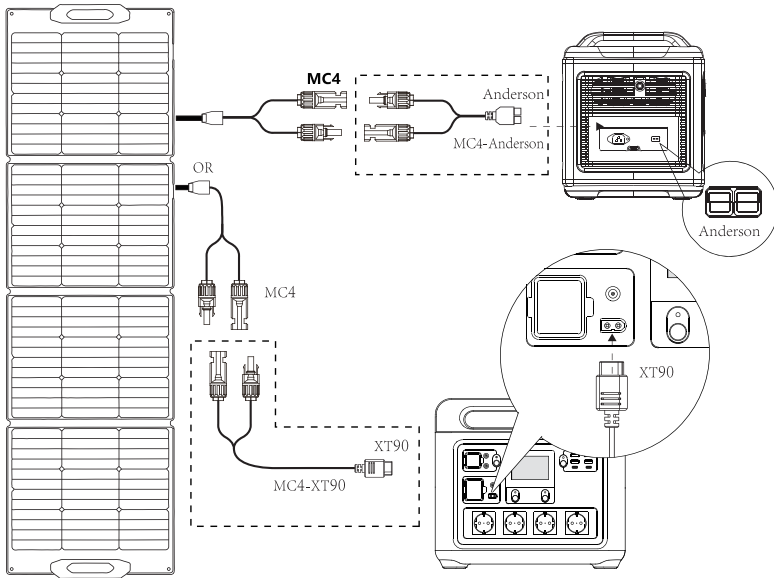


Model: IONIC 200

For more information
please contact us by E-mail:

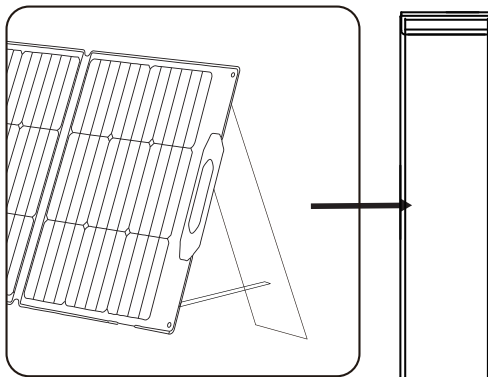
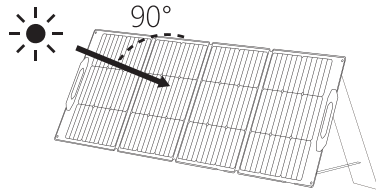
E-mail: info@lithiumhub.com

How To Charge



Adjust Angle

☀️ **To harvest solar energy most efficiently, try to ensure that the sun's rays hit the panel + 90° is acceptable and that the panel is not shaded.**



Technical Details:

Model:	IONIC 200
Peak Power(Pm):	200W
Cell Type:	MONO
Solar Cell Lamination:	ETFE
Cell Efficiency:	22%~23%
Voltage at Max Power(Vmp):	22.3V
Current at Max Power(Imp):	9A
Open Circuit Voltage (Voc) :	28.22V
Short Circuit Current (Isc) :	10.2A
Folding Number:	4
Dimension(unfolded):	2310*590*30mm
Dimension(folded):	590*570*50mm
Weight:	7kg
Operating Temperature:	-10°C~+60°C
Best Working Temperature:	25°C

Safety Tips:

- Do not bend the solar panel.
- Do not soak the solar panel into water or any other liquid.
- Do not use or store this solar panel near fire or heater.
- Do not scratch the solar panel with sharp objects.
- Do not disassemble the solar panel by yourself.
- Do not put corrosive substance on this solar panel.
- Ensure shade from trees, buildings, and any other obstructions do not block sunlight while using the panels.
- Do not use this product as a children's toy.
- Please note that the solar panel may be damaged by falling or impact.
- During recharging, keep your portable power station away from heat and direct sunlight to extend its life span.



FAQ(Frequently Asked Questions)

Q: The compatibility of the solar panel.

☀️ **Tips:** To confirm the solar panel's compatibility with 3rd-party devices, please consult the seller.

Q: What factors may affect the solar conversion rate?

1. The weather condition.
2. Working environment temperature.
3. The angle from the panels to sunlight.

Q: How to decide the number of panels required to recharge?

1. The output power of solar panels should fit the recommended voltage.
2. The max open circuit voltage is not able to exceed in the max input voltage of power station.
3. The gross output current of solar panels should be between the recommended working voltage.

⚠ When using multiple solar panels in series or parallel, please make sure that the accumulated maximum voltage and current of the solar panels does not exceed in the maximum voltage and current of the power station.