ALLWEI®

100W
Portable Solar Panel
USER MANUAL

Model: XY-100W

Preface

Thanks for purchasing our 100W Solar Panel, please read this user manual carefully before using.

This 100W solar panel charger compatible with our 300W/500W power station.
It is suitable for any occasion where you can expose it to sun. It is highly efficient in charging, easy to use, safe, environment-friendly, and energy-efficient.

Package Contents

• 1*100W Solar Panel
• 1*User Manual

Safety Tips

* Do not drop or bend the solar panel (the angle is more than 30°) or the panel will be broken.
* Do not immerse the solar panel in water.
* Do not clean the solar panel with water,with the wet cloth gently scrub it.
* Do not user or store the solar panel near sources of heat such as a fire or heater.
* Do not put the solar panel into a fire or apply direct heart to it.
* Do not pierce the solar panel casing with a nail or other sharp object,break it open with a hammer,or step on it.
* Do not attempt to disassemble the solar panel in any way.
* This product cannot contact with strong corrosive objects.
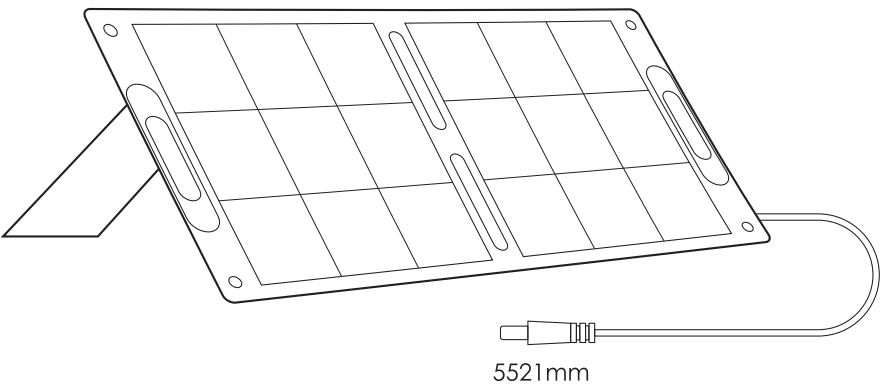* Do not charge automotive battery directly.

Feature

• Environment-friendly, practical and convenient for outdoor emergency power supply.
• Foldable design with portable size, easy to carry with just single hand.
• The high-quality solar mono-crystalline silicon provides high charging efficiency and long service life.
• The product is compatible with power station. You can convert and store solar power in power station in the day and charge devices at night The power station is designed with multiple ports for AC, DC, USB and car charger to meet your demand of outdoor power supply.

Product Parameters

Model	XY-100W
Peak Power	100W
Cell Efficiency	23%
Voltage at Max Power(Vmp)	18V
Current at Max Power(Imp)	5.6A
Open Circuit Voltage(Voc)	23.4V
Short Circuit Current(Isc)	6.27A
Operating Temperature	-40°C – +85°C
Output Connector	DC5.5*2.1MM
Folding Number	2
Dimension(unfolded)	1230*560mm
Dimension(folded)	615*560*35mm
Weight	7.9LB

Product Diagram

5521mm

FAQ

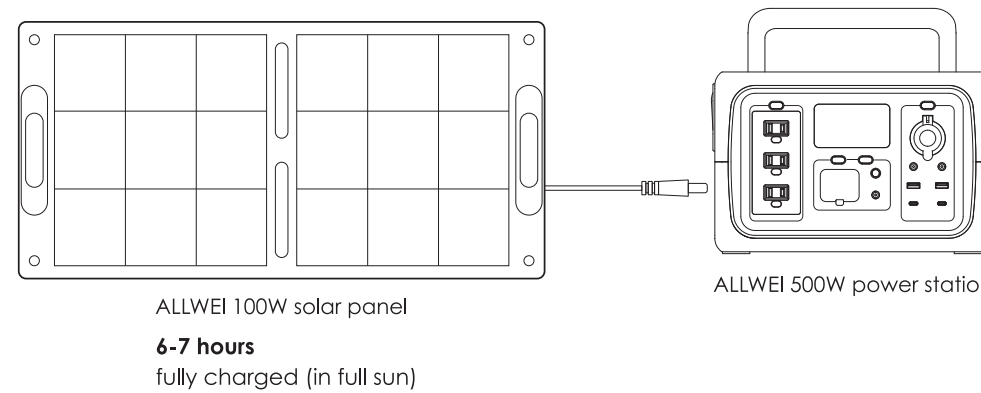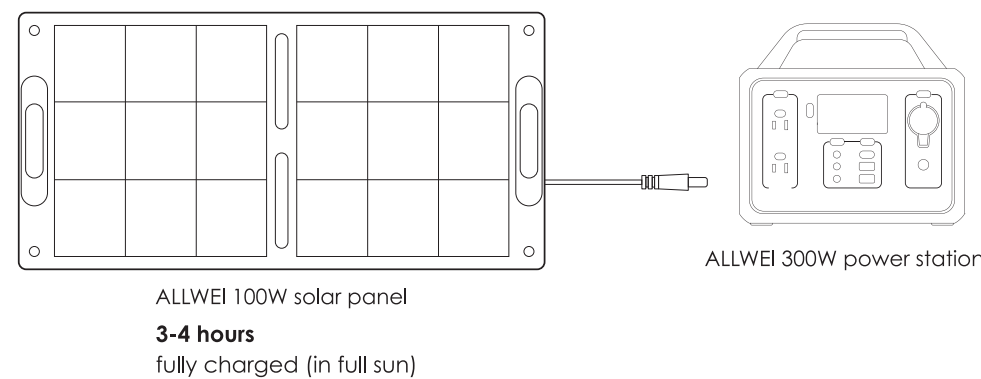**Q:How is the compatibility of this 100W solar panel with our Power station?**

• You can use it to charge our 300W/500W Power Station.

*To confirm the panel's compatibility with 3rd-party devices,pls contact the customer service team.

Q:Solar Panel Connection.
We recommend you can use this 100W solar panel to recharge our 300/500W power station as shown in the picture below.
*Solar Power Station Sold Separately

ALLWEI 100W solar panel
3-4 hours
fully charged (in full sun)

ALLWEI 300W power station

ALLWEI 100W solar panel
6-7 hours
fully charged (in full sun)

ALLWEI 500W power station

Q: Why the solar panel fails to reach 100W rated power output in actual useage?
A: Below are the factors that may affect the actual power output: Sunlight Intensity, Panel Surface Temperature, Sunlight Exposure Angle and Other Interferents like tree/cloud shadows, foreign objects, dusts or other sticky substances. Please try to test your solar panel under the full sunlight to see, and make sure there is no shadow cast on the panel.

Q: Is the solar panel waterproof and how to keep the panel surface clean?
A: Yes, the solar panel is IP68 water-resistant that will protect from water splashing. Do not place it under the rain, or to soak in water for a long time.(Note: The junction box is not waterproof, please keep it dry).
Please use a dampened soft cloth to wipe the surface of the solar module, and remove all dust or other adhesives as soon as possible to avoid performance degradation.

Q: How to know whether the 100W solar panel is compatible with my power station before purchase?
A: Our 100w solar panel is built in 5521MM port. Please check the input port of your power station.

Warranty& Customer Service Support

Thanks for purchasing our 100W solar panel charger, it is covered a warranty of 12 months from the date of its original purchasing.

if you have any questions about it. please feel free to contact us.
Please note, we can only provide after sales service for products purchased directly from us, if you have purchased from other seller, please contact them directly for service or warranty issue.

If you have any after-sales questions or need further technical assistance, please feel free to contact the email: ✉ allweiservice@outlook.com

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