

Newsmy 100W19.4V

Newsmy 100W Portable Foldable Solar Charger Instruction Manual

Brand: Newsmy | Model: 100W19.4V

1. INTRODUCTION

Thank you for choosing the Newsmy 100W Portable Foldable Solar Charger. This manual provides essential information for the safe and efficient use of your solar panel. Please read it thoroughly before operation and retain it for future reference.

2. PRODUCT OVERVIEW

The Newsmy 100W Portable Foldable Solar Charger is designed for outdoor and emergency power needs, offering high efficiency and broad compatibility with various portable power stations.

Key Features:

- **Wide Compatibility:** Equipped with a 6-in-1 DC connector cable (DC7909, DC6530, DC5521, DC35135, XT60, Anderson plugs) for most major brands of portable power stations.
- **High Efficiency:** Features 19V A+ monocrystalline solar cells with up to 22% energy conversion efficiency.
- **Adjustable Kickstands:** Three built-in kickstands allow for optimal angle adjustment towards the sun.
- **Portable & Foldable:** Lightweight (7.9 lbs) and folds to a compact 18.7 x 16.77 x 1.65 inches with an integrated magnetic handle.
- **Durable Construction:** One-piece compression design with ETFE coating for heat resistance, longer service life, and high light transmittance.
- **IP65 Waterproof:** Withstands splashes and light rain, suitable for outdoor use (not submersible).

Product Components:

WIDE COMPATIBILITY

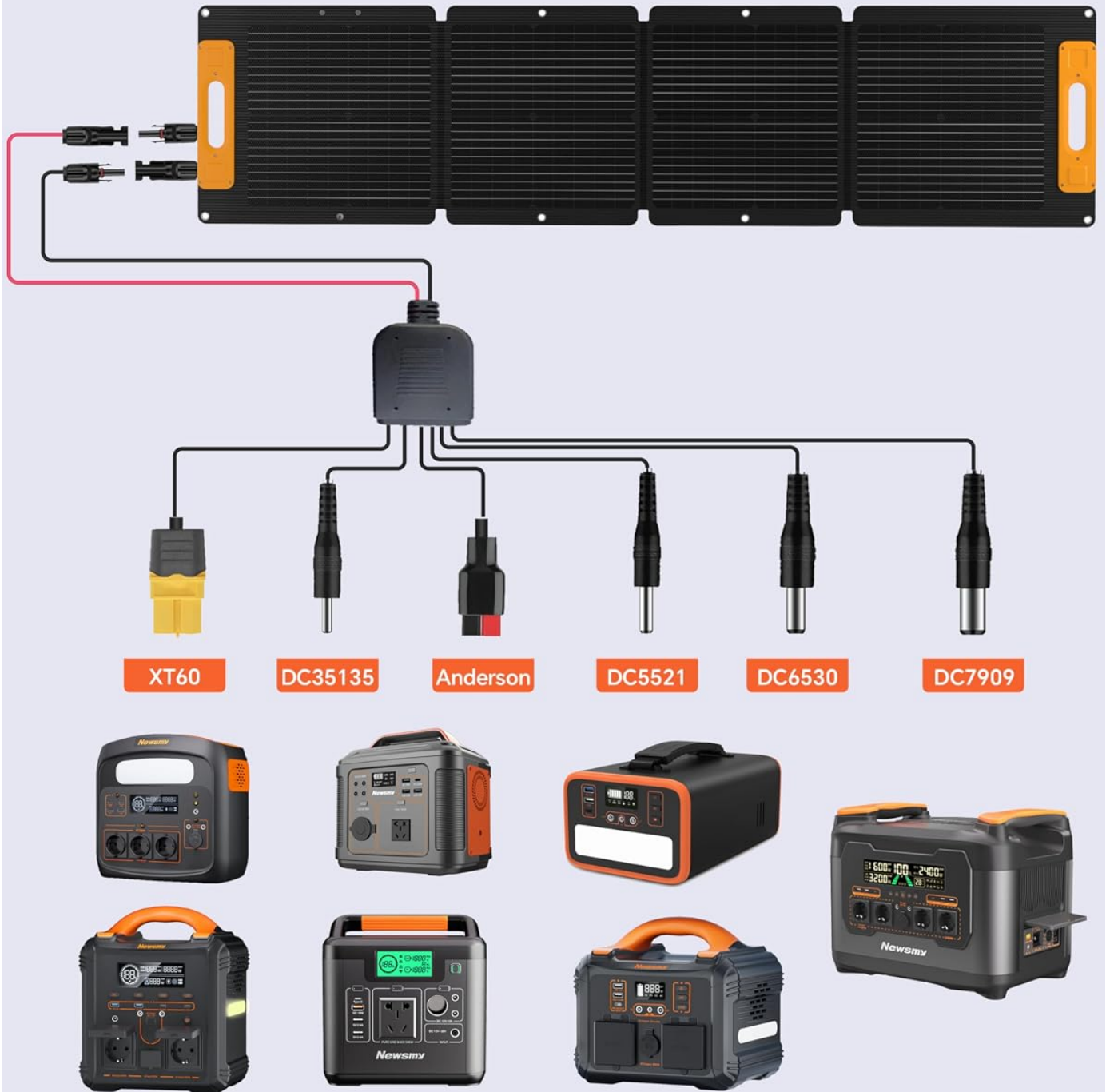


Image: The Newsmy 100W Portable Foldable Solar Charger fully unfolded, showcasing its four solar panels and integrated handles.

3 KICKSTANDS

3 kickstands for more stable.

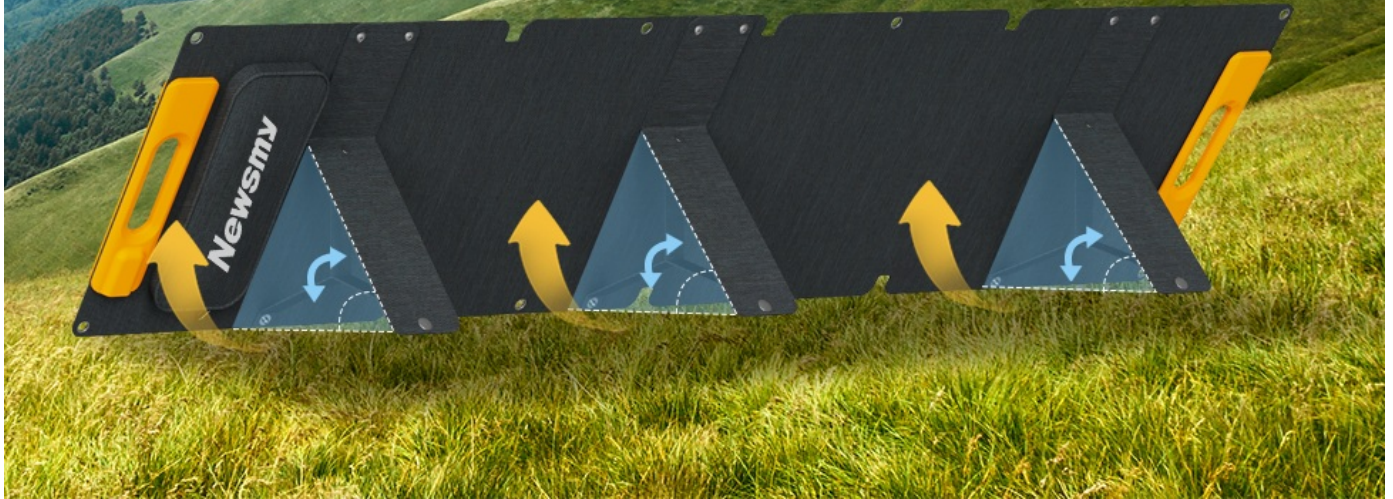


Image: Visual representation of the solar panel's folded and unfolded dimensions, highlighting its portability and compact size.



Image: Close-up of the magnetic folding mechanism, illustrating how the panels securely close for transport.



Image: Depiction of the three kickstands providing stability and allowing for angle adjustments to optimize sun exposure.

3. SETUP INSTRUCTIONS

1. **Unfold the Solar Panel:** Carefully unfold the solar panel completely on a flat surface in direct sunlight.
2. **Adjust Kickstands:** Extend the three built-in kickstands on the back of the panel. Adjust them to tilt the panel towards the sun for maximum exposure. The ideal angle changes throughout the day and with seasons.
3. **Connect Cables:** Locate the integrated cable storage bag. Take out the 6-in-1 DC connector cable. Connect the MC4 connectors from the solar panel to the corresponding MC4 inputs on the 6-in-1 adapter cable.
4. **Connect to Power Station:** Select the appropriate adapter plug from the 6-in-1 cable that matches your portable power station's input port. Plug it in securely.



Image: The solar panel set up with its adjustable kickstands, illustrating how to position it for morning/dusk and noon sun angles.

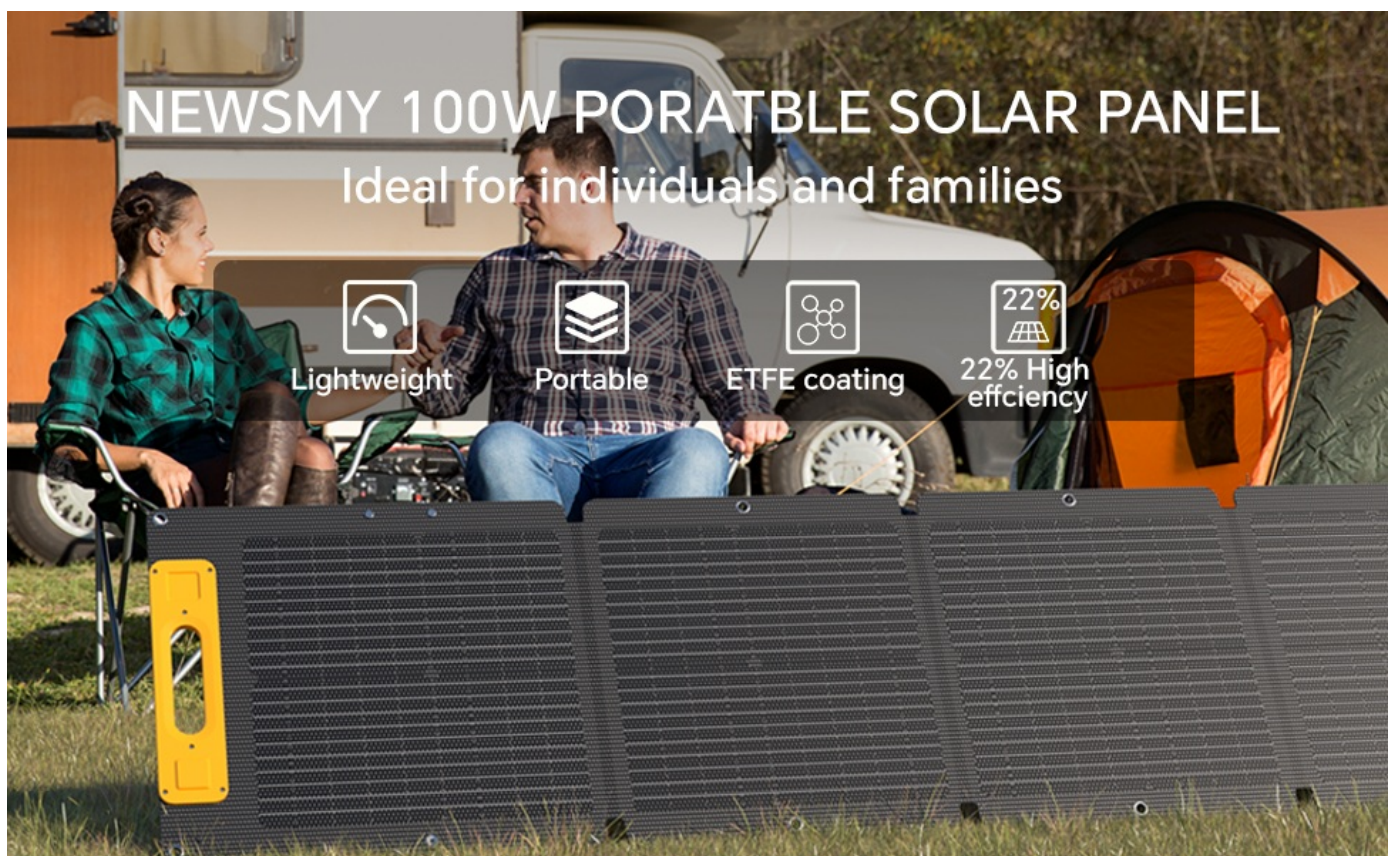


Image: Diagram showing the solar panel connected via a 6-in-1 DC connector cable to various types of portable power stations, including XT60, DC35135, Anderson, DC5521, DC6530, and DC7909.

Setup Demonstration Video:

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Video: A demonstration of unfolding the 100W foldable solar panel, connecting the various adapter cables, and plugging it into a power

station. It highlights the ease of setup and the range of compatible connectors.

4. OPERATING INSTRUCTIONS

1. **Optimal Placement:** For best charging results, ensure the solar panels are positioned in direct sunlight without any shading from trees, buildings, or other objects.
2. **Monitor Charging:** Most portable power stations will display the incoming wattage. Monitor this to ensure your solar panel is generating power efficiently. Adjust the panel's angle as the sun moves throughout the day.
3. **Plug-and-Play:** The solar charger is designed for simple plug-and-play operation. Once connected, it will automatically begin charging your compatible power station.

Operation Demonstration Video:

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Video: A vertical format video demonstrating the Newsmy 100W solar panel in operation, showing it unfolded and connected to a power station, with a focus on its ease of use in an outdoor setting.

5. MAINTENANCE

- **Cleaning:** Regularly wipe the solar panels with a soft, damp cloth to remove dust, dirt, or debris that may reduce efficiency. Avoid abrasive cleaners or harsh chemicals.
- **Storage:** When not in use, fold the solar panel and secure it with the integrated magnetic handle. Store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check cables and connectors for any signs of wear, damage, or corrosion. Ensure all connections are secure before each use.
- **Water Exposure:** While IP65 rated for splashes and light rain, avoid submerging the panel in water or exposing it to heavy downpours for extended periods. Ensure connectors are dry before use.

COMPATIBLE WITH MOST POWER STATIONS

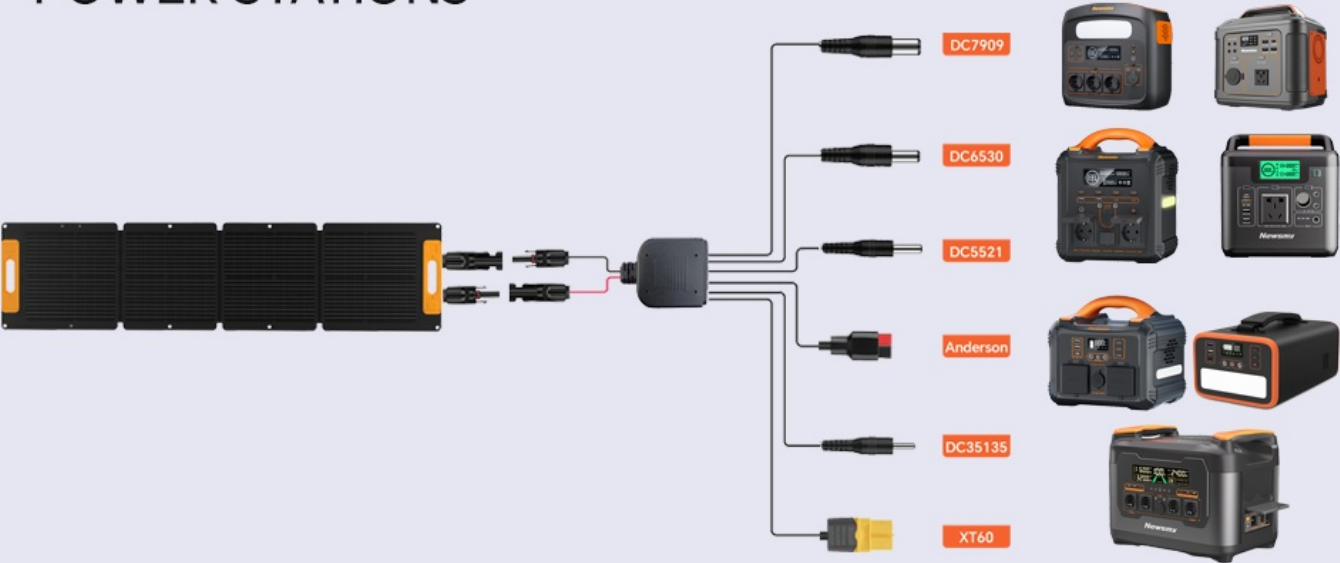


Image: Illustrates the IP65 water resistance of the solar panel, showing water droplets on its surface, indicating its ability to withstand splashes and light rain.

6. TROUBLESHOOTING

- **No Power Output:**
 - Ensure the solar panel is in direct, unobstructed sunlight.
 - Verify all cables and connectors are securely plugged in and free from damage.
 - Check the input requirements of your power station to ensure compatibility with the solar panel's output.
- **Low Power Output:**
 - Adjust the angle of the solar panel to face the sun directly.
 - Clean the surface of the solar panels to remove any dirt or dust.
 - Cloudy weather or partial shading will reduce power output.
- **Connection Issues:**
 - Confirm you are using the correct adapter plug for your power station.
 - Inspect the adapter cable for any visible damage.

7. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	Newsmy
Model Number	100W19.4V
Maximum Power	100 Watts
Maximum Voltage	24.5 Volts
AC Adapter Current	5.4 Amps
Efficiency	22%
Material	ETFE, Nylon
Product Dimensions (Unfolded)	68.5"L x 16.77"W x 1.06"H
Folded Size	18.7" x 16.8" x 1.70"
Item Weight	7.8 Pounds
Waterproof Rating	IP65
Included Components	100W Foldable Solar Panel, 6-in-1 Charge Cable, User Manual

8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the user manual included in your product packaging or visit the official Newsmy website. Keep your purchase receipt for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question