

## Anker A2422011

# Anker PowerPort Solar Lite 15W 2-Port USB Solar Charger Instruction Manual

Model: A2422011

## 1. INTRODUCTION

The Anker PowerPort Solar Lite is a portable, foldable solar charger designed to provide power to your USB-powered devices using sunlight. It features two USB ports and high-efficiency solar panels for reliable charging on the go.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Anker PowerPort Solar Lite (15W 2-Port USB Solar Charger)
- 3ft Micro USB cable
- Welcome Guide

## 3. SETUP AND PLACEMENT

To optimize charging performance, proper setup and placement are crucial.

1. **Unfold the Solar Panels:** Carefully unfold the Anker PowerPort Solar Lite to expose all solar panels.
2. **Position for Maximum Sunlight:** Place the solar panels directly facing the sun. For best results, ensure no shadows are cast on the panels. The 15W SunPower solar array is 21.5-23.5% efficient, but direct, unobstructed sunlight is essential.
3. **Secure Placement:** The unit features elastic loops on each corner, allowing for easy attachment to backpacks, trees, or tents. Ensure the panels are stable and will not shift, which could interrupt charging.



Image: Anker PowerPort Solar Lite attached to a backpack, demonstrating portable use during hiking.



Image: Anker PowerPort Solar Lite positioned on a rock to absorb sunlight for charging.

**Important Note on Backpack Use:** When attaching to a backpack, ensure the panels are angled upwards to catch the most direct sunlight. Strapping it flat against the back of a pack may result in slower charging. Consider tenting the charger over the top of the pack for better sun exposure, especially around midday.

## 4. OPERATING INSTRUCTIONS

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The PowerPort Solar Lite is designed for straightforward operation.

1. **Connect Your Device:** Use a USB cable (the included Micro USB cable or your device's original cable) to connect your smartphone, tablet, or other USB-powered device to one of the two USB output ports on the solar charger.
2. **Begin Charging:** Once connected and exposed to sufficient sunlight, the PowerIQ technology will automatically detect your device and deliver the fastest possible charge, up to 2.1 amps per port. The charger can power two devices simultaneously.
3. **Automatic Resume:** If sunlight is temporarily interrupted (e.g., by clouds), the charger will automatically resume charging once sufficient sunlight returns.



PowerIQ™

Intelligent high-speed charging for all your devices.

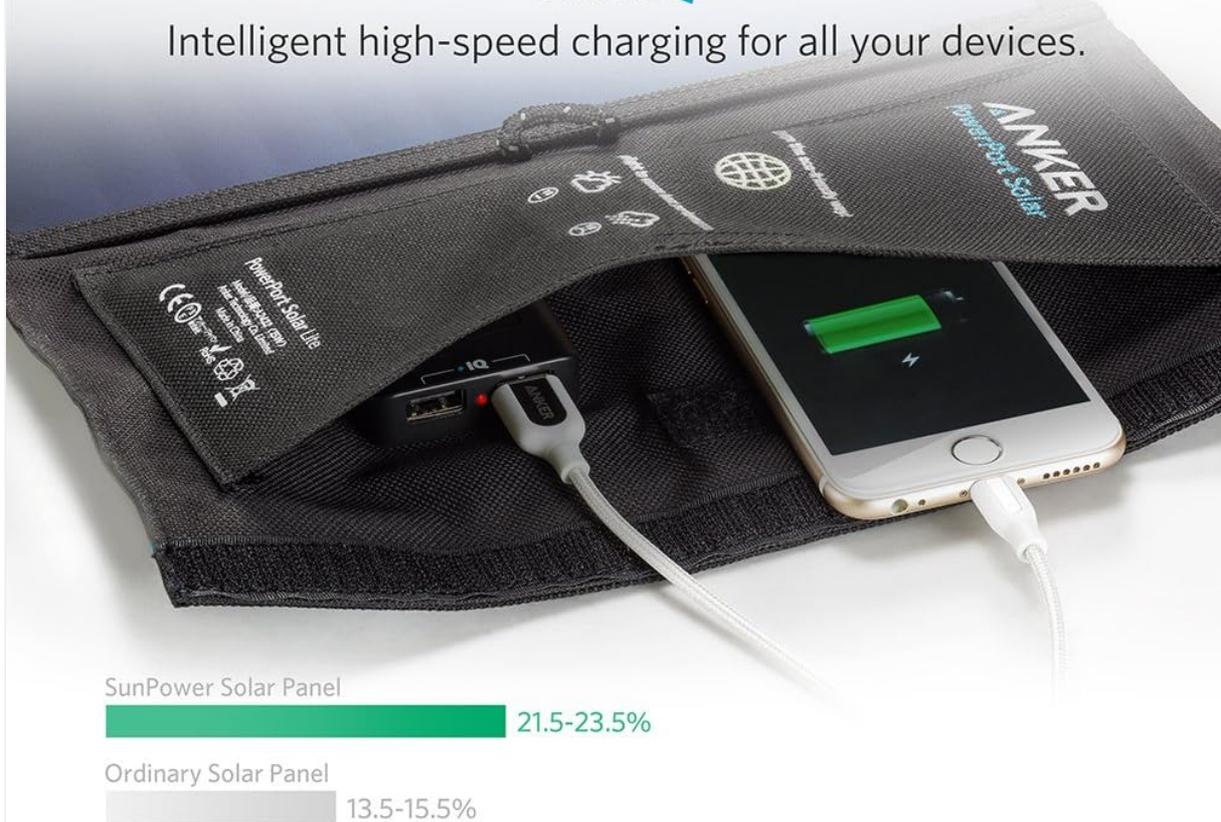


Image: A smartphone connected to the Anker PowerPort Solar Lite, illustrating the PowerIQ charging feature.

### Important Considerations:

- **Device Overheating:** Direct sunlight can cause connected devices to overheat. It is recommended to place the device being charged in the shade or cover it with a light-colored cloth to prevent excessive heat buildup.
- **External Battery Recommendation:** For consistent charging, especially in conditions with intermittent sunlight (e.g., while hiking or in partly cloudy weather), it is highly recommended to charge an external power bank first, and then use the power bank to charge your devices. This prevents frequent disconnections and reconnections that can occur when charging devices directly from the solar panel in fluctuating light conditions.

## 5. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your Anker PowerPort Solar Lite, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the solar panels with a soft, damp cloth to remove dust or dirt. Avoid using harsh chemicals or abrasive materials that could scratch the panel surface.
- **Storage:** When not in use, fold the solar charger and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Durability:** The industrial-strength PET polymer faced solar panels and rugged polyester canvas offer weather-resistant outdoor durability. However, avoid prolonged exposure to heavy rain or

submersion in water. The USB output unit should be kept dry.

- **Handling:** Avoid dropping the unit or subjecting it to strong impacts, which could damage the solar cells or internal components.

## 6. TROUBLESHOOTING

If you encounter issues with your PowerPort Solar Lite, refer to the following common solutions:

- **Device Not Charging or Charging Slowly:**

- Ensure the solar panels are in direct, unobstructed sunlight. Any shade, even partial, can significantly reduce output.
- Verify that the USB cable is securely connected to both the solar charger and your device. Try a different USB cable to rule out cable issues.
- If charging directly from the solar panel, consider using an external power bank as an intermediary, especially in fluctuating light conditions. This can provide a more stable charge to your device.
- If charging was interrupted (e.g., by clouds), unplug and re-plug your device to reset the connection and initiate charging again.

- **Device Disconnecting/Reconnecting Frequently:**

- This often occurs when sunlight is inconsistent. As mentioned above, using an external power bank is the most effective solution.
- If charging a phone directly, placing it in silent mode with vibration off can prevent constant notifications from intermittent charging.

- **Overheating Device:**

- Always place the device being charged in the shade or cover it with a light-colored, breathable material to prevent direct sun exposure and overheating.

## 7. SPECIFICATIONS

<b>Brand</b>	Anker
<b>Model Number</b>	A2422011
<b>Maximum Power Output</b>	15 Watts
<b>Solar Panel Efficiency</b>	21.5-23.5% (SunPower solar array)
<b>USB Output Current</b>	Up to 2.1 Amps per port
<b>Number of USB Ports</b>	2
<b>Material</b>	Polyethylene Terephthalate (PET) panels, Polyester canvas
<b>Folded Dimensions</b>	11 × 6.3 inches
<b>Opened Dimensions</b>	18.11 × 11.02 inches
<b>Item Weight</b>	1.04 pounds (approx. 472 grams)

<b>Color</b>	Black
<b>Connectivity</b>	USB

## 8. WARRANTY AND SUPPORT

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Anker provides an **18-month worry-free warranty** for the PowerPort Solar Lite. This warranty covers manufacturing defects and ensures customer satisfaction.

For technical support, warranty claims, or any product-related inquiries, please contact Anker customer service through their official website or the contact information provided in your welcome guide. Our friendly customer service team is available to assist you.