

## EF ECOFLOW EF-Flex-110C

# EF ECOFLOW 110W Portable Solar Panel Instruction Manual

Model: EF-Flex-110C

## 1. INTRODUCTION

The EF ECOFLOW 110W Portable Solar Panel is designed to provide a reliable and efficient power source for various outdoor and backup energy needs. This manual provides essential information for the safe and effective use, setup, operation, and maintenance of your solar panel.



Image: The 110W Portable Solar Panel unfolded, ready to harness sunlight.

## 2. WHAT'S IN THE BOX

Upon unboxing, verify that all components are present:

- EF ECOFLOW 110W Solar Panel (x1)

- Kickstand Case (x1)
- Snap Hooks (x4)
- Solar to XT60i Cable (x1)
- User Manual (x1)
- Service Card (x1)

## What's in the Box

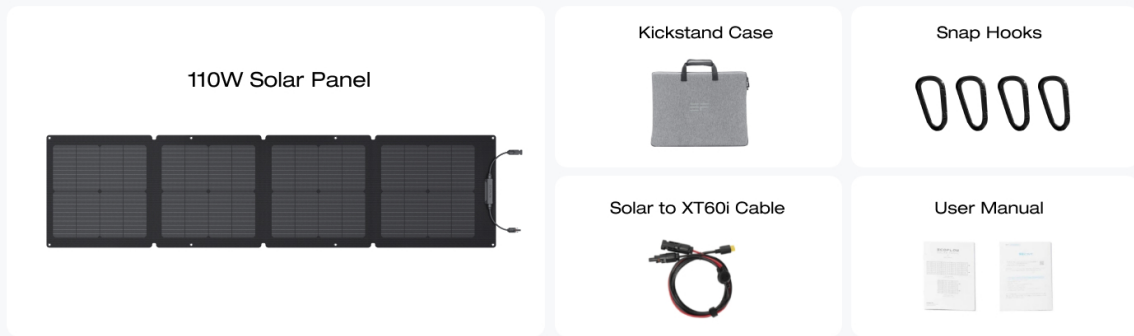


Image: Visual representation of the items included in the product packaging.

### 3. SETUP

1. **Unfold the Solar Panel:** Carefully unfold the 110W solar panel completely.
2. **Position the Kickstand Case:** The included carry case doubles as an adjustable kickstand. Position the case behind the unfolded solar panel to support it.
3. **Adjust the Angle:** Adjust the angle of the solar panel using the kickstand to face the sun directly. Optimal sunlight exposure maximizes charging efficiency.
4. **Connect to a Power Station:** Use the provided Solar to XT60i Cable to connect the solar panel to a compatible EF ECOFLOW portable power station or other power station with solar connectors. Ensure connections are secure.



Image: The solar panel positioned with its adjustable kickstand to capture maximum sunlight.



Image: Detailed view of MC4 connectors and the solar charging input port on a power station.

## 4. OPERATING INSTRUCTIONS

The EF ECOFLOW 110W Portable Solar Panel is designed for high efficiency and ease of use. Follow these guidelines for optimal performance:

- **Sunlight Exposure:** Ensure the solar panel is positioned in direct sunlight without any obstructions (e.g., shadows from trees or buildings).
- **Angle Adjustment:** Regularly adjust the panel's angle throughout the day to maintain direct exposure to the sun as it moves across the sky. This maximizes the 23% conversion rate.
- **Monitoring Charge:** If connected to an EF ECOFLOW power station, monitor the charging input wattage and battery percentage on the power station's display or via its mobile application.
- **Weather Resistance:** The panel features an IP68 waterproof and dustproof rating, allowing it to withstand various outdoor elements. However, for prolonged periods of heavy rain or extreme weather, it is recommended to store the panel.

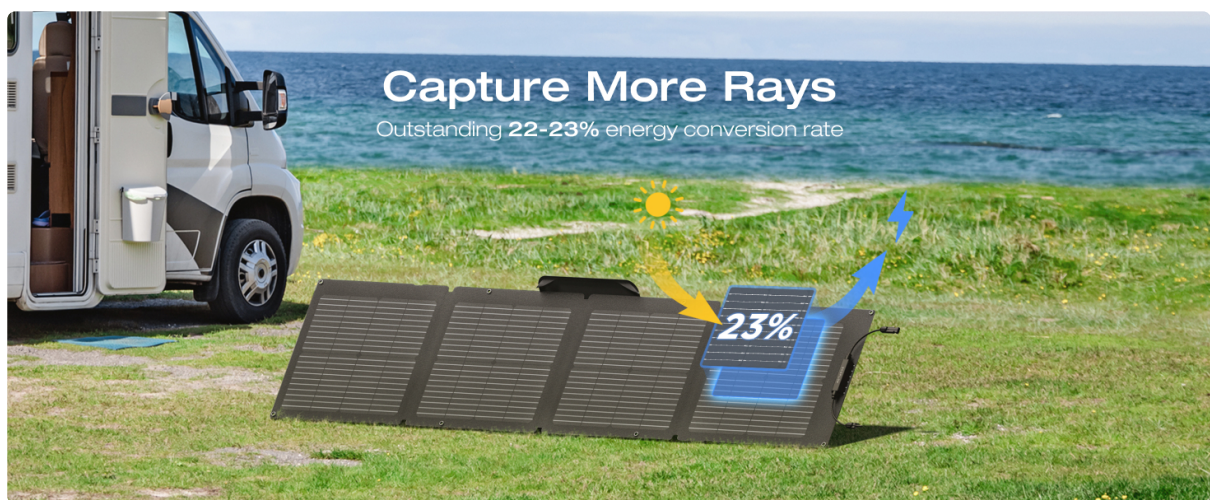


Image: Illustration of the solar panel's high energy conversion rate.



## Rain or Shine, We're Fine

IP68 protection from dust, rain, and debris



Image: The solar panel shown in both sunny and rainy conditions, highlighting its IP68 rating.

### Official Product Video: Solar Charging

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Video: Demonstrates the EF ECOFLOW 110W Portable Solar Panel charging a River 2 Pro Power Station, showcasing the connection and charging process.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your solar panel:

- **Cleaning:** Regularly clean the surface of the solar panel with a soft, damp cloth to remove dust, dirt, and debris. Avoid abrasive materials or harsh chemicals that could scratch the surface.
- **Inspection:** Periodically inspect the panel for any physical damage, such as cracks, dents, or frayed cables. Ensure all connections are tight and free from corrosion.
- **Storage:** When not in use, fold the solar panel and store it in its kickstand case in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Handle connection cables with care. Avoid bending them sharply or placing heavy objects on them.

## Built to Last

Crafted using the finest materials and ETFE film

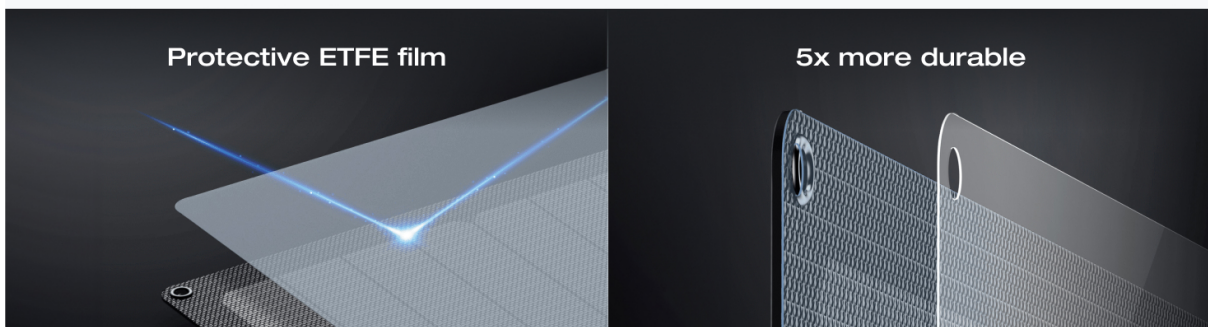


Image: Exploded view of the solar panel's construction, highlighting the protective ETFE film for durability.

## 6. TROUBLESHOOTING

If you encounter issues with your EF ECOFLOW 110W Portable Solar Panel, consider the following:

- **No Power Output:**
  - Ensure the panel is in direct sunlight and not shaded.
  - Verify all cables are securely connected to both the solar panel and the power station.
  - Check the power station's input display for any error messages.
- **Low Power Output:**
  - Adjust the panel's angle to face the sun directly. The sun's position changes throughout the day.
  - Clean the panel surface to remove any dirt or dust that may be blocking sunlight.
  - Ensure there are no partial shadows on the panel, as even small shadows can significantly reduce output.
  - Cloudy weather will naturally reduce power output.
- **Connection Issues:**
  - Disconnect and reconnect all cables to ensure a proper fit.
  - If using an adapter, ensure it is compatible and functioning correctly.

If problems persist after following these steps, contact customer support for further assistance.

## 7. SPECIFICATIONS

Feature	Detail
Brand	EF ECOFLOW
Model Number	EF-Flex-110C
Maximum Power	110 Watts
Efficiency	High Efficiency (up to 23% conversion rate)
Material	Monocrystalline Silicon
Product Dimensions (Unfolded)	62.5"L x 0.8"W x 20.2"H (approx.)
Product Dimensions (Folded)	16.5"L x 0.8"W x 20.2"H (approx.)
Item Weight	8.78 pounds (3.99 Kilograms)
Water & Dustproof Rating	IP68
Special Features	Portable, Weather Resistant, Adjustable Case, High-Quality Components
UPC	842783118059

## ALTA COMPATIBILIDAD

El controlador de salida MC4 funciona en la mayoría de los dispositivos

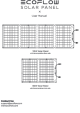
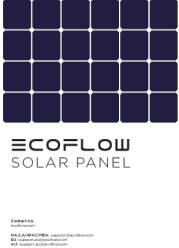



Image: Technical specifications and compatibility information for the solar panel.

## 8. WARRANTY AND SUPPORT

The EF ECOFLOW 110W Portable Solar Panel typically comes with a manufacturer's warranty. Please refer to the included Service Card for specific warranty terms and conditions.

- **Manufacturer Warranty:** Generally, a 1-year manufacturer warranty is provided.
- **Return/Exchange Policy:** Purchases made through Amazon may be eligible for a 30-day return or exchange policy. Consult Amazon's return policy for details.
- **Customer Support:** For technical assistance, troubleshooting, or warranty claims, please contact EF ECOFLOW customer support directly. Contact information can usually be found on the Service Card or the official EF ECOFLOW website.

	<p><a href="#">EcoFlow Solar Panel User Manual: 110W and 60W Models</a></p> <p>User manual for EcoFlow 110W and 60W solar panels, detailing setup, usage, and technical specifications for efficient solar charging.</p>
	<p><a href="#">EcoFlow Solar Panel User Manual: Setup, Specifications, and FAQ</a></p> <p>A comprehensive guide to EcoFlow Solar Panels, detailing setup instructions, connection methods (parallel and series), technical specifications for 160W, 110W, and 60W models, and answers to frequently asked questions.</p>
	<p><a href="#">EcoFlow 400W Solar Panel User Guide and Technical Specifications</a></p> <p>Discover the EcoFlow 400W Solar Panel. This guide covers setup, usage, charging tips, important safety information, FAQs, and technical specifications for efficient solar power generation.</p>
	<p><a href="#">EcoFlow 110W &amp; 60W Solar Panel User Manual   Portable Solar Charging Guide</a></p> <p>Comprehensive user manual for EcoFlow 110W and 60W solar panels. Learn about setup, operation, charging capabilities, FAQs, and technical specifications for portable solar power solutions.</p>
	<p><a href="#">EcoFlow 110W &amp; 60W Solar Panel User Manual</a></p> <p>Comprehensive user manual for EcoFlow 110W and 60W monocrystalline solar panels. Learn about setup, technical specifications, how to recharge EcoFlow power stations like R600 and EF DELTA, and answers to frequently asked questions.</p>
	<p><a href="#">EcoFlow 60W Portable Solar Panel (Type-C) User Manual and Guide</a></p> <p>Comprehensive guide to the EcoFlow 60W Portable Solar Panel (Type-C), covering setup, placement, charging devices, storage, maintenance, FAQs, and safety instructions. Learn how to maximize solar energy generation.</p>