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- › [EF ECOFLOW](#) /
- › [EF ECOFLOW Portable Power Station RIVER 2 User Manual](#)

## EF ECOFLOW EFR600

# EF ECOFLOW Portable Power Station RIVER 2

## USER INSTRUCTION MANUAL

Model: EFR600

### Introduction

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The EF ECOFLOW Portable Power Station RIVER 2 is a compact and powerful energy solution designed for various applications, from outdoor adventures to home backup. Featuring a durable LiFePO4 battery and rapid charging capabilities, it provides reliable power for your essential devices.

Key features include:

- **1 Hour AC Recharge:** Fully recharges in just 60 minutes.
- **600W AC Output:** Powers up to 6 essential appliances simultaneously.
- **LiFePO4 Long-Life Battery:** Designed for over 3000 cycles, offering up to 10 years of use.
- **Fast Solar Charging:** Recharges in as fast as 2.3 hours with 110W solar input.
- **Light & Portable:** Weighs only 7.7 lbs with a built-in handle for easy transport.

### Safety Instructions

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Please read and understand all safety instructions before operating the RIVER 2 power station. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from heat sources, direct sunlight, and flammable materials.
- Do not immerse the unit in water or expose it to rain.
- Use only original or certified cables and adapters.
- Ensure proper ventilation during use and charging.
- Keep out of reach of children and pets.
- Avoid dropping or subjecting the unit to strong impacts.

### Package Contents

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Verify that all items are included in your package:

- RIVER 2 portable power station
- AC charging cable
- Car charging cable
- User manual
- 5-year service card
- *Note: A solar charging cable is not included and must be purchased separately if needed.*

## Product Overview

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Familiarize yourself with the components and controls of your RIVER 2 power station.



Image: Front view of the EcoFlow RIVER 2 Portable Power Station, showing the display, DC and AC power buttons, USB-A and USB-C ports, and AC outlets.

# FAST SOLAR RECHARGE

23.4% conversion rate



100%  
in **2.3** hours



**110W**  
solar input

Image: Close-up view of the EcoFlow RIVER 2's various ports, including DC, USB-A, USB-C, and AC outlets, highlighting its connectivity options.

# RECHARGE ANYWHERE

Four ways to recharge



Image: The EcoFlow RIVER 2 held by hands, illustrating its compact size and lightweight design, with dimensions of 9.6 inches (L), 8.4 inches (W), and 5.5 inches (H) indicated.

## Setup

Before first use, it is recommended to fully charge your RIVER 2 power station.

1. **Initial Charge:** Connect the provided AC charging cable to the AC input port on the RIVER 2 and plug it into a standard wall outlet. The unit will fully recharge in approximately 1 hour.

# 0-100% RECHARGE IN 1 HOUR



Image: The EcoFlow RIVER 2 connected to a wall outlet via its AC charging cable, demonstrating its 1-hour fast recharge capability.

2. **Power On/Off:** Press and hold the main power button to turn the unit on or off. The display will illuminate when powered on.
3. **Connecting Devices:** Plug your devices into the appropriate output ports (AC, USB-A, USB-C, Car Outlet). Press the corresponding AC or DC power button to activate the outlets.

# POWER UP TO 6 DEVICES

Don't leave any gears behind



Image: The EcoFlow RIVER 2 positioned outdoors, illustrating its ability to power up to six devices simultaneously, including car outlets, USB-A, USB-C, and AC outlets.

## Operating Instructions

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### Recharging the RIVER 2

The RIVER 2 offers multiple convenient ways to recharge:

- **AC Wall Outlet:** As mentioned in setup, the fastest way to charge, taking only 1 hour.
- **Solar Charging:** Connect compatible solar panels (not included) to the solar input port. The RIVER 2 can be fully recharged in as fast as 2.3 hours with 110W solar input.



Image: The EcoFlow RIVER 2 connected to a portable solar panel outdoors, demonstrating its fast solar charging capability, achieving full charge in 2.3 hours with 110W solar input.

- **Car Charging:** Use the car charging cable to recharge the unit from your vehicle's 12V cigarette lighter port.



Image: The EcoFlow RIVER 2 being charged inside a car using the 12V car charging port, highlighting its convenience for on-the-go power top-ups.

- **USB-C Charging:** The USB-C port can also be used for convenient charging with a compatible USB-C cable and adapter.



Image: The EcoFlow RIVER 2 connected to a wall adapter via a USB-C cable, illustrating the flexibility of charging the unit using its USB-C input/output port.

## Advanced Features

- **X-Boost Technology:** Enables the RIVER 2 to power high-wattage appliances up to 600W without overloading the unit.


# POWER ANYWHERE ANYTIME.

*X-BOOST* | 600W Output



  
Light  
(10W)  
**20** Hrs

  
Laptop  
(60Wh)  
**3.4** Hrs

  
PS5  
(200Wh)  
**1** Hrs

  
Blender  
(500W)  
**0.4** Hrs

Image: The EcoFlow RIVER 2 powering a laptop, drone, and other devices outdoors, demonstrating its 600W X-Boost output capability for various electronics.

- **EcoFlow App Control:** Use the EcoFlow mobile application to monitor charging levels, customize settings, and control the RIVER 2 remotely via Bluetooth or Wi-Fi.



Image: A smartphone displaying the EcoFlow app interface, showing real-time monitoring of the RIVER 2's charging status, input/output power, and customizable settings.

- **EPS Auto-Switch:** The RIVER 2 can function as an Emergency Power Supply (EPS) with a switchover speed of less than 30ms, providing seamless power during outages for essential appliances like fish tanks, CPAP machines, or routers.

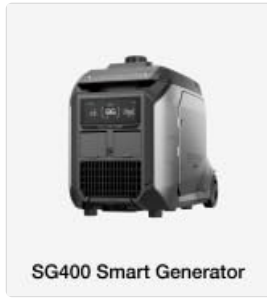


Image: The EcoFlow RIVER 2 connected to a desktop computer and other devices, illustrating its function as an Emergency Power Supply (EPS) with a fast auto-switch for uninterrupted power during outages.

## Maintenance

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Proper maintenance ensures the longevity and optimal performance of your RIVER 2 power station.

- **Battery Care:** The LiFePO4 battery is designed for over 3000 cycles. For best performance, avoid consistently draining the battery to 0% or charging to 100% if not needed for immediate use. Store the unit with at least 50% charge if not used for extended periods.

**BUILT TO LAST**  
Battery tech that lasts for **10** years

**10 YEARS**

**3000**

**3000+** cycles    **LiFePO4** battery

warranty **5** years

The graphic features a background of a misty forest with mountains in the distance. A large, 3D-style battery is positioned horizontally in the center. The text "10 YEARS" is written in large, white, semi-transparent letters across the middle. Below the battery, the number "3000" is displayed in large, white, semi-transparent digits. At the bottom, the text "3000+ cycles" and "LiFePO4 battery" is written in blue and white. To the right of the battery, a shield-shaped icon contains the text "warranty 5 years".

Image: A graphic illustrating the 10-year lifespan and 3000+ cycle capability of the EcoFlow RIVER 2's LiFePO4 battery, emphasizing its durability and a 5-year warranty.

- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the RIVER 2 in a cool, dry place, away from direct sunlight and extreme temperatures.

## Troubleshooting

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If you encounter issues with your RIVER 2 power station, refer to the following common troubleshooting steps:

- **Unit Not Turning On:** Ensure the battery is charged. If not, connect to an AC outlet for charging.
- **No Output from Ports:** Verify that the specific AC or DC output button is pressed to activate the ports. Check if the device connected requires more power than the unit can provide (refer to specifications).
- **Slow Charging:** Ensure you are using the correct charging cable and power source. For solar charging, ensure panels are in direct sunlight and properly aligned.
- **Overload Protection:** If the unit shuts down due to overload, disconnect the high-power device and restart the unit. Use X-Boost for higher wattage devices within limits.

For more detailed troubleshooting, please refer to the official [Troubleshooting Guide \(PDF\)](#).

## Specifications

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Feature	Detail
Brand	EF ECOFLOW
Model Name	EFR600
Wattage	256 Watt-hours
Output Wattage	600W (AC)
Fuel Type	Electric
Power Source	Solar Powered, AC, Car, USB-C
Recommended Uses	Camping, RVs, Home Use, Outdoor
Item Weight	7.7 pounds (3.5 Kilograms)
Voltage	120 Volts
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Cycles	3000+ cycles to 80% capacity
AC Recharge Time	1 Hour
Solar Recharge Time	2.3 hours (with 110W solar input)
Product Dimensions	9.6"L x 8.4"W x 5.5"H
Total Power Outlets	6
UPC	842783118257

## Warranty & Support

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The EF ECOFLOW Portable Power Station RIVER 2 comes with a **5-Year Warranty**, ensuring peace of mind and reliable performance.

For further assistance, you can refer to the official [User Manual \(PDF\)](#) or visit the [EF ECOFLOW Store on Amazon](#) for product information and support.