

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [EF ECOFLOW](#) /

› [EF ECOFLOW River 3 Plus Extra Battery EB300 User Manual](#)

EF ECOFLOW EB300

EF ECOFLOW River 3 Plus Extra Battery EB300 User Manual

Model: EB300

1. INTRODUCTION

The EF ECOFLOW River 3 Plus Extra Battery EB300 is designed to expand the energy storage capacity of your River 3 Plus Portable Power Station. This 286Wh LiFePO4 (LFP) battery offers extended power for various applications, both as an expansion unit and as a standalone power source. Its robust design and long lifespan ensure reliable performance.



Image 1.1: The EF ECOFLOW River 3 Plus Extra Battery EB300.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- EF ECOFLOW River 3 Plus Extra Battery EB300 (286Wh)
- Quick Start Guide

3. PRODUCT OVERVIEW

The EB300 extra battery features a compact design with essential ports for operation.

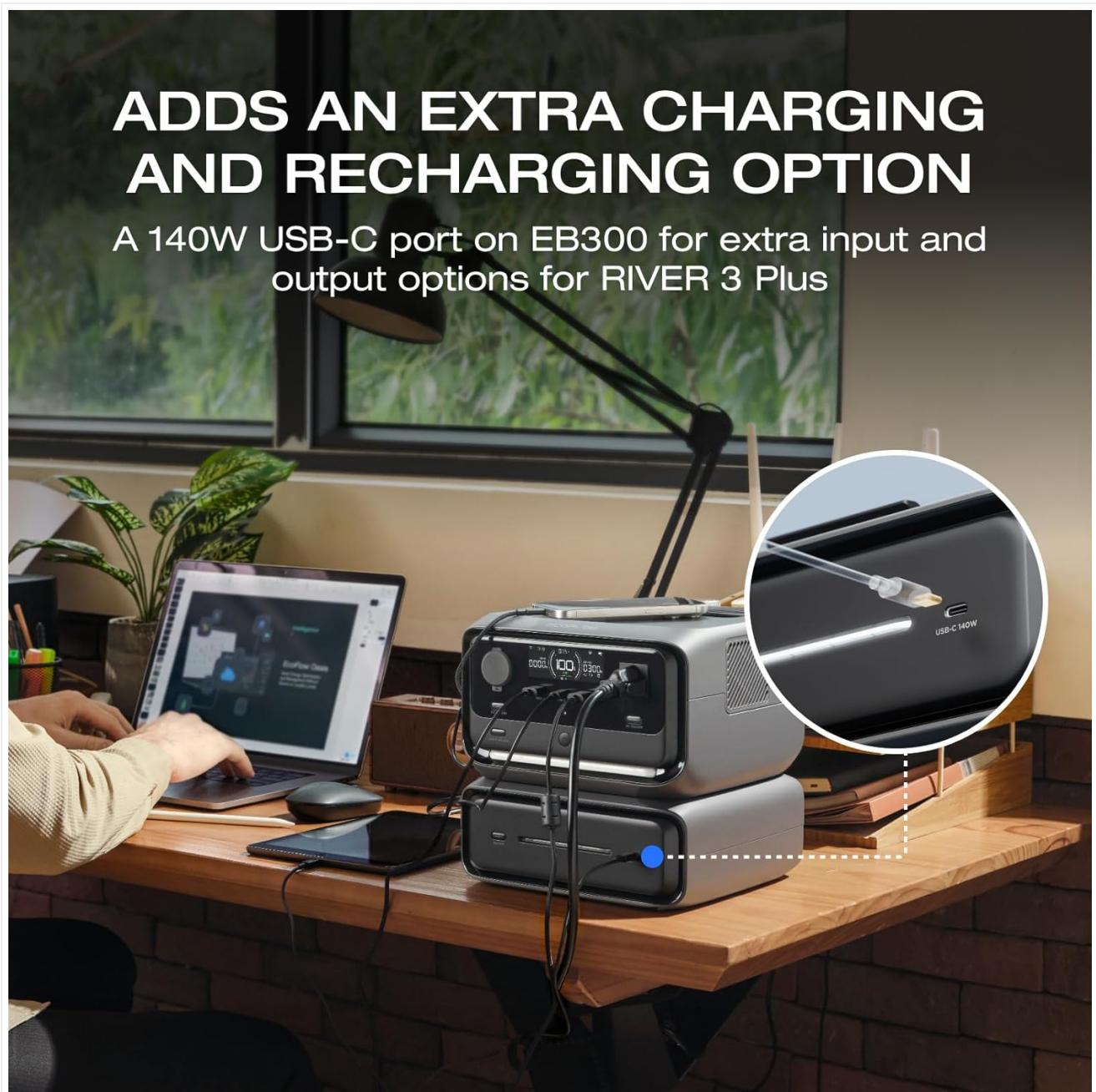


Image 3.1: Front view of the EB300, highlighting the 140W USB-C port and power button.

3.1. Key Features

- **Capacity:** 286Wh (89600mAh)
- **Battery Type:** LiFePO4 (LFP) with 3000+ cycles for 10-year lifespan
- **USB-C Port:** 140W input/output for charging and recharging
- **Connection:** Pogo Pin technology for seamless integration with River 3 Plus
- **Durability:** IP54 waterproof rating (battery pack only), UL 94V-0 fireproof casing, 5 ft drop-resistant, UN38.3 certified.

4. SETUP

4.1. Connecting to River 3 Plus

To expand the capacity of your River 3 Plus Portable Power Station, follow these steps:

1. Ensure both the River 3 Plus and the EB300 Extra Battery are powered off.
2. Align the pogo pins on the top of the EB300 with the corresponding port on the bottom of the River 3 Plus.
3. Gently lower the River 3 Plus onto the EB300 until it clicks into place, ensuring a secure connection. No additional cables or screws are required.
4. Once connected, the River 3 Plus will recognize the extra battery, and its total capacity will be displayed.



Image 4.1: Illustration of connecting the EB300 to the River 3 Plus via pogo pins.

5. OPERATING INSTRUCTIONS

5.1. Independent Use

The EB300 Extra Battery can be used independently to charge small devices or be recharged on its own.

1. To power on the EB300, press the **ON/OFF** button located on the front panel.
2. Connect your device to the 140W USB-C port for charging.
3. To recharge the EB300 independently, connect a compatible USB-C charger to the 140W USB-C port.

INDEPENDENT POWER

Use on its own with the USB-C port to charge devices and recharge the battery on the go.

 Capacity:
286Wh/89600mAh

 Size:
9.2×8.8×4.3 in

 Weight:
7.3 lb


140W USB-C
Output / Input
Recharge 0-100% **3.5 hr**



Image 5.1: The EB300 Extra Battery being used as a standalone power source.

5.2. Charging Methods

The EB300 can be recharged using its built-in USB-C port or by connecting it to a River 3 Plus unit, which offers multiple charging options.

- **Direct USB-C Charging:** Connect a 140W USB-C power adapter to the EB300's USB-C port. This method recharges the battery from 0-100% in approximately 3.5 hours.
- **Via River 3 Plus (AC Outlet):** When connected to a River 3 Plus, the combined unit can be recharged via an AC wall outlet. This method recharges the combined unit from 0-100% in approximately 1.5 hours.
- **Via River 3 Plus (Solar Panel):** When connected to a River 3 Plus, the combined unit can be recharged using compatible solar panels (up to 220W input). This method recharges the combined unit from 0-100% in approximately 3.2 hours.
- **Via River 3 Plus (Car Charger):** When connected to a River 3 Plus, the combined unit can be recharged using a car charger (up to 220W input). This method recharges the combined unit from 0-100% in approximately 6.5 hours.



Image 5.2: The EB300 Extra Battery recharging via its 140W USB-C port.



Image 5.3: River 3 Plus and EB300 combined unit recharging from an AC wall outlet.

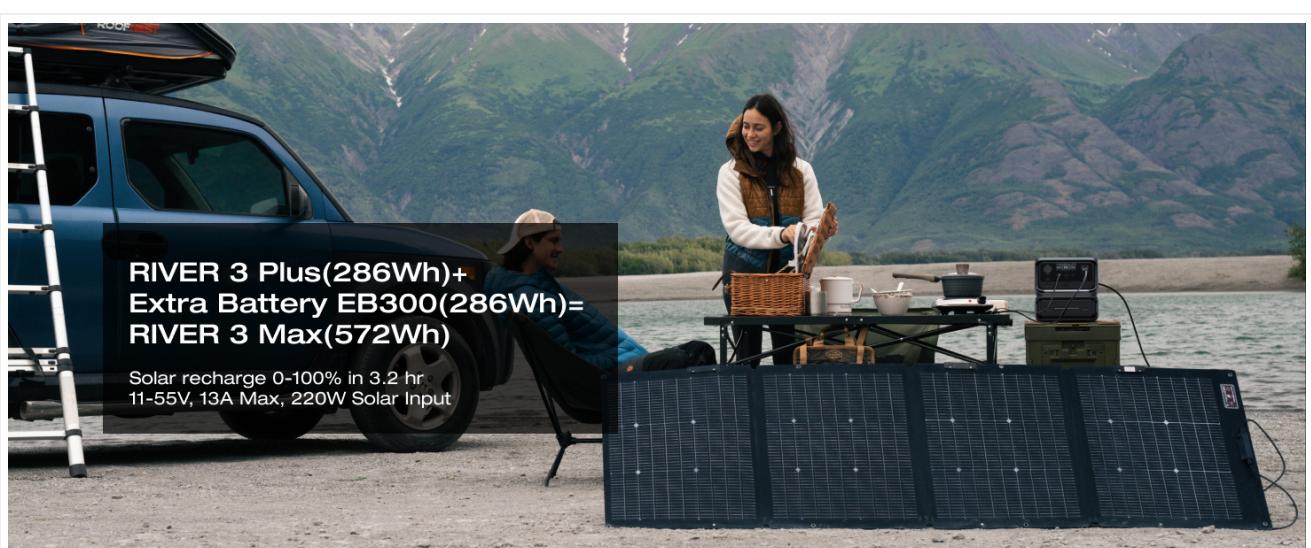


Image 5.4: River 3 Plus and EB300 combined unit recharging using solar panels.



Image 5.5: River 3 Plus and EB300 combined unit recharging from a car charger.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your EB300 Extra Battery.

- **Storage:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, ensure the battery is charged to approximately 50-80%.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the battery. Avoid using harsh chemicals or abrasive materials.
- **Temperature:** Operate and store the battery within the recommended temperature ranges specified in the product specifications.
- **Regular Use:** For optimal battery health, it is recommended to fully discharge and recharge the battery at least once every three months if not in regular use.

LONG-LASTING FOR 10 YEARS

With **LFP** chemistry, charge and recharge
3000+ times for 10 years of power.

3000+
Cycles

6x
Longer

10-Year
Lifespan



Image 6.1: The LiFePO4 battery chemistry provides a long lifespan of 10 years and 3000+ cycles.

7. SAFETY INFORMATION

The EB300 Extra Battery is built with multiple safety features to ensure reliable operation. Adhere to the following safety guidelines:

- Do not expose the battery to fire or extreme heat.
- Avoid dropping or subjecting the battery to severe impacts.
- Do not disassemble, repair, or modify the battery.
- Keep the battery away from water and moisture. While the battery pack is IP54 rated for water splashes, the entire device is not fully waterproof.
- Ensure proper ventilation during charging and discharging.
- The battery features X-Guard technology with 40 protective features, including overheating and short circuit protection.

STURDY AND DURABLE

Triple protection: Waterproof, fireproof and drop-resistant.



IP54

Waterproof
battery pack



Fireproof

UL 94V-0
certified



Drop-proof

UN38.3 certified
5 ft drop without
damage



* Please note that only the battery pack is waterproof to prevent combustion and explosion; the entire device is not waterproof.

Image 7.1: Durability features of the EB300 Extra Battery.

8. TROUBLESHOOTING

If you encounter issues with your EB300 Extra Battery, refer to the following common troubleshooting steps:

• Battery Not Charging:

- Ensure the charging cable is securely connected to both the EB300 and the power source.
- Verify that the power source (wall outlet, solar panel, car charger) is functional.
- If connected to a River 3 Plus, ensure the River 3 Plus is also powered on and functioning correctly.

• Device Not Charging from EB300:

- Confirm the EB300 is powered on.
- Check if the device's charging cable is properly inserted into the EB300's USB-C port.
- Ensure the device requires 140W or less for charging.

• EB300 Not Connecting to River 3 Plus:

- Ensure both units are powered off before attempting connection.
- Verify that the pogo pins are clean and free from obstruction.
- Ensure the River 3 Plus is compatible with the EB300.

If the issue persists, please contact customer support for further assistance.

9. SPECIFICATIONS

Feature	Detail
Model Name	EB300
Brand	EF ECOFLOW
Capacity	286Wh
Battery Type	LiFePO4 (LFP)
Lifespan	3000+ cycles to 80%+ capacity (approx. 10 years)
USB-C Output/Input	140W Max
Dimensions (L x W x H)	9.2" x 8.8" x 4.3"
Weight	7.3 lbs (3.3 kg)
Waterproof Rating	IP54 (battery pack only)
Fireproof Rating	UL 94V-0 certified casing
Drop Resistance	5 ft (UN38.3 certified)
Operating Temperature	Not specified (refer to product packaging)
Charging Temperature	Not specified (refer to product packaging)

10. WARRANTY AND SUPPORT

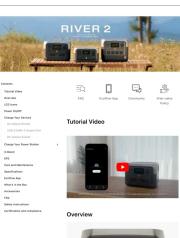
The EF ECOFLOW River 3 Plus Extra Battery EB300 comes with a 5-Year Service warranty.

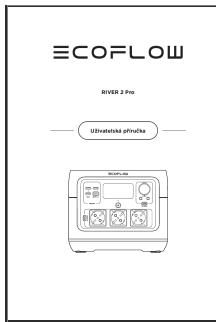
For technical support, warranty claims, or any inquiries regarding your product, please contact EF ECOFLOW

customer service through their official website or the contact information provided in your Quick Start Guide.

You can visit the official EF ECOFLOW store for more information:[EF ECOFLOW Store](#)

Related Documents - EB300

	<p>EcoFlow RIVER 3 Plus Smart Extra Battery User Manual</p> <p>Comprehensive user manual for the EcoFlow RIVER 3 Plus Smart Extra Battery, covering specifications, operation, safety, storage, maintenance, and regulatory compliance for models EB300 (286Wh) and EB600 (572Wh).</p>
	<p>EcoFlow RIVER 3 Plus Portable Power Station User Manual & Specifications</p> <p>Detailed user manual and technical specifications for the EcoFlow RIVER 3 Plus portable power station, covering models EB300 (286Wh) and EB600 (572Wh). Includes features, port details, battery information, operating temperatures, and compliance statements (FCC, IC, CE, RoHS, WEEE).</p>
	<p>EcoFlow DELTA 3 Max Plus Smart Extra Battery User Manual</p> <p>User manual for the EcoFlow DELTA 3 Max Plus Smart Extra Battery, detailing its features, operation, maintenance, safety, and specifications. Expand your EcoFlow portable power station's capacity with this 2048Wh LiFePO4 battery.</p>
	<p>EcoFlow RIVER Portable Power Station User Manual</p> <p>Comprehensive user manual for the EcoFlow RIVER portable power station, detailing specifications, safety guidelines, operation, charging methods (AC, solar, car), app control, troubleshooting, and maintenance for optimal performance and longevity.</p>
	<p>EcoFlow RIVER 2 Max Portable Power Station User Manual</p> <p>User manual for the EcoFlow RIVER 2 Max and RIVER 2 Max 500 portable power stations, covering setup, operation, charging, maintenance, specifications, and safety instructions.</p>



[EcoFlow RIVER 2 Pro User Manual](#)

User manual for the EcoFlow RIVER 2 Pro portable power station, covering setup, features, charging options, troubleshooting, specifications, and safety instructions.