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# EcoFlow RIVER 3 Plus

## Smart Extra Battery

**User Guide**

## About this manual

- This manual contains information on the following products: RIVER 3 Plus Smart Extra Battery EB300 (286 Wh) and RIVER 3 Plus Smart Extra Battery EB600 (572 Wh). The terms “RIVER 3 Plus Smart Extra Battery EB300 (286 Wh)”, “RIVER 3 Plus Smart Extra Battery EB600 (572 Wh)” and “RIVER 3 Plus” in this manual refer to the EcoFlow RIVER series products.

- Please note that this manual may be updated without prior notice. If you are reading it in PDF format, please note that you can also read it online on the EcoFlow support site, where you can also read about practical experiences including the latest updates.

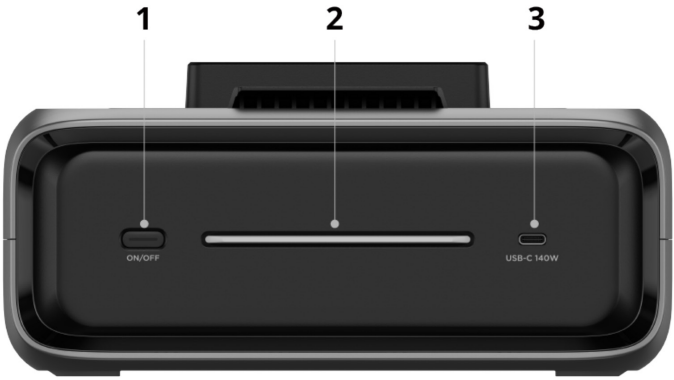
- All images shown in this manual are for illustrative purposes only, so please use them as inspiration when operating your actual version of the EcoFlow RIVER 3 Smart Extra Battery.

- The availability of certain accessories and features described in this manual may vary depending on the conditions in your country or region.

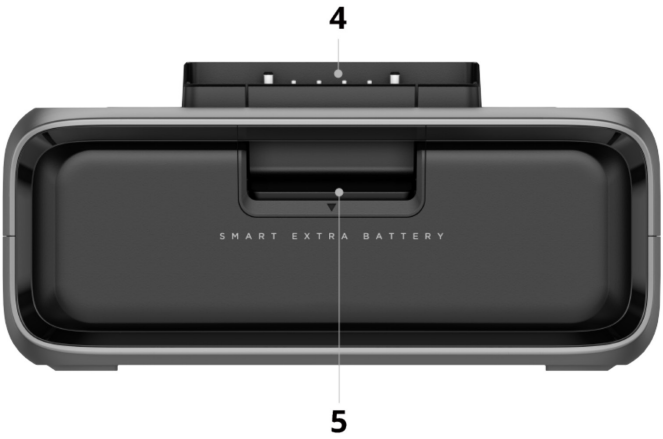
### Introduction

RIVER 3 Plus Smart Extra Battery EB300 (286 Wh) and RIVER 3 Plus Smart Extra Battery EB600 (572 Wh), (hereinafter referred to as the “Smart Extra Battery” or “additional battery”, “battery” or “product”) is a LiFePO4 battery to expand the capacity of the EcoFlow RIVER 3 Plus battery station so that the station is able to provide longer power to connected appliances.

### Description



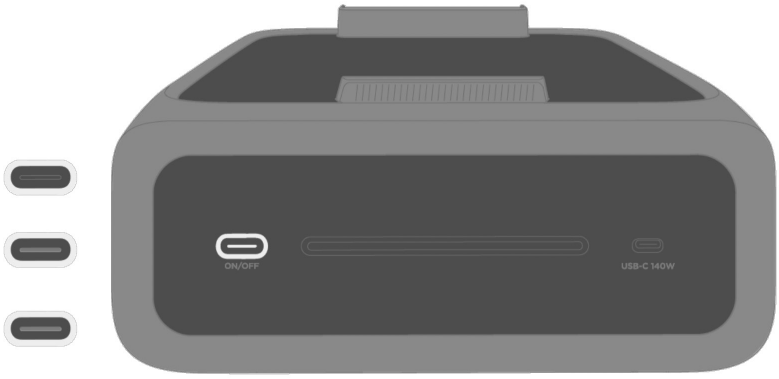

1. Main power button
2. LED status indicator
3. USB-C input/output port AC input port




4. Auxiliary battery port
5. Lock button

## LED indicators

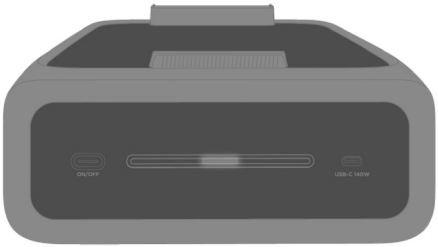
### Main power indicator light



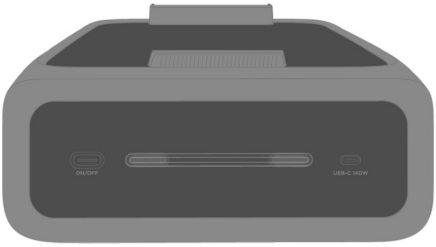

| State | Description |
| --- | --- |
| Not lit | The battery is off. |
| Glows white | The battery is on and operating normally. |
| Flashing white | The battery is performing a firmware update. |

## LED status indicator

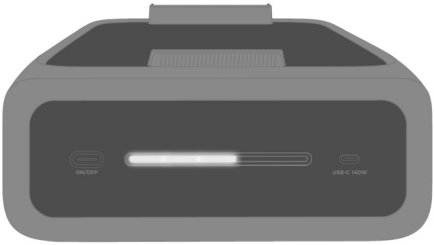
The indicator lights running outwards indicate that the auxiliary battery is being switched on.



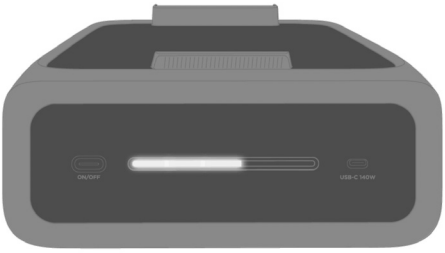

The indicator lights running inwards indicate that the auxiliary battery is being switched off.



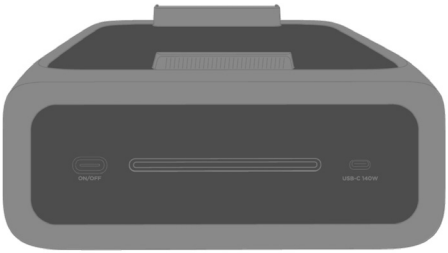

When some parts of the indicator are permanently lit, the number of lit parts indicates the battery charge level.




When some parts of the indicator flash, the battery is charging.



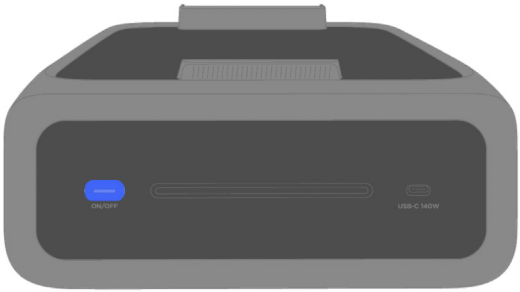
A flashing entire indicator indicates a battery error.




## Getting started

### ON / OFF

**Power on:**Short press the main power button.
**Shutdown:**By long pressing the main power button for about 3 seconds.

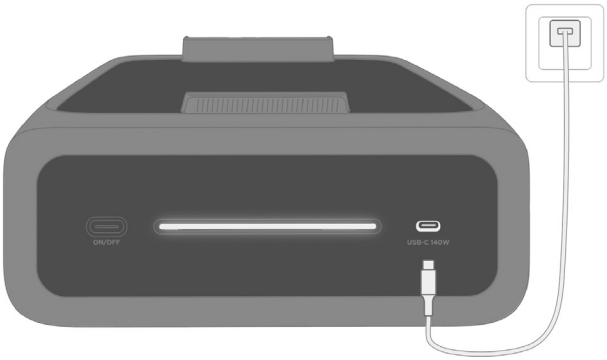



**Powering appliances**

Connect your devices directly to the USB-C input/output port of the power bank.

**Charging the auxiliary battery**

Connect the USB-C input/output port of the auxiliary battery to a power source and the battery will charge.

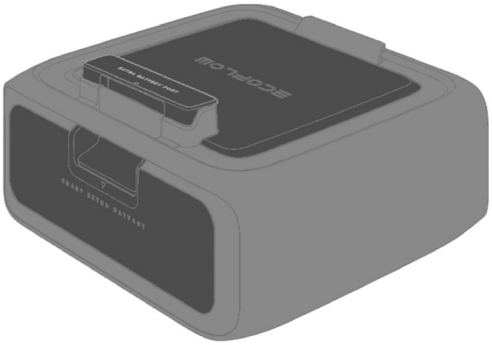



## USE WITH RIVER 3 PLUS BATTERY STATION

The additional battery expands the capacity of the battery station and serves as a backup power source for appliances when the station is discharged.

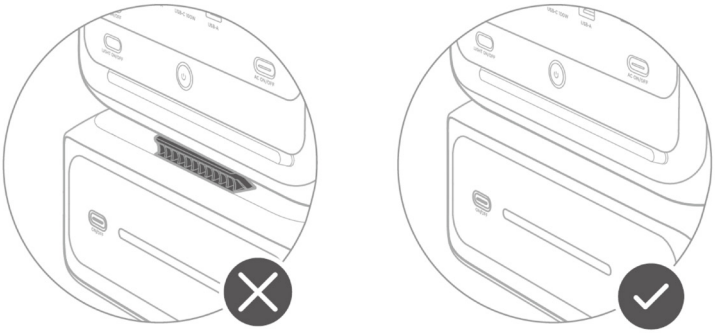
**Connecting an additional battery:**

1. Remove the protective cover from the auxiliary battery port.
2. Align the groove on the bottom of the station with the protruding shape on the top of the additional battery.
3. Connect the station's auxiliary battery port to the appropriate auxiliary battery port.
4. The auxiliary battery is considered successfully installed when the auxiliary battery icon appears on the battery station screen.



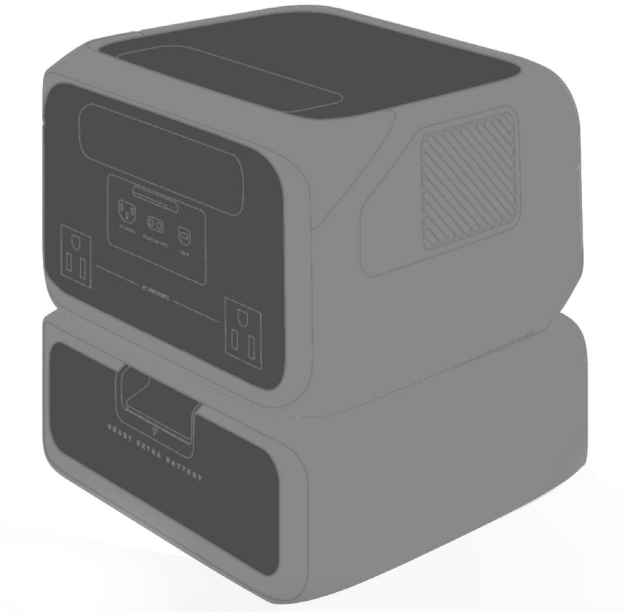
**Notice:**

- The RIVER 3 Plus portable battery station supports the connection of one additional RIVER 3 Plus Smart Extra Battery.
- Be sure to align the groove on the battery station with the protruding shape on the additional battery to prevent the connection from becoming loose.



**To remove the auxiliary battery:**

1. Press the lock button on the additional battery.
2. Lift the battery station.
3. Insert the protective cover.



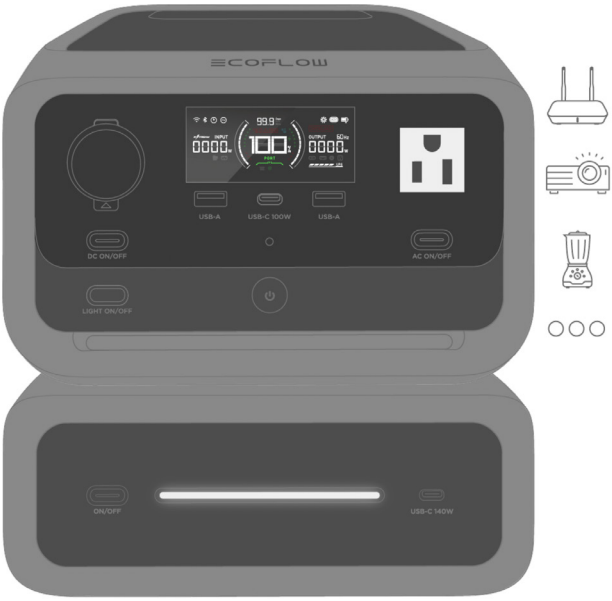
## ON/OFF

After connecting the auxiliary battery to the battery station, you can use the main power button on both devices to turn both devices on/off simultaneously.

**Power on:**Press the button briefly.
**Shutdown:**Long press the button for 3 seconds.
**To turn the station screen on/off:**Briefly press the power button when the station is on.

**POWER SUPPLY FOR APPLIANCES**

After connecting the additional battery to the battery station, you can use the output ports of both devices to power appliances.



### CHARGING THE ADDITIONAL BATTERY

After connecting the auxiliary battery to the battery station, you can use the input ports of both devices to charge the auxiliary battery.

When an additional battery is connected to the battery station and there is a significant difference in the charge levels of the two batteries, the one with a lower charge will be prioritized for charging, while the one with a higher charge level will be prioritized for discharging.

## Storage and maintenance

### STORAGE

- Storage temperature: -10°C to 45°C
- Do not store the station in places where the temperature exceeds 45°C or drops below -10°C.
- Store the station in a clean, dry, and well-ventilated place.
- Keep the station away from liquids, intense heat, and sharp objects.
- **When storing the battery station for a long period of time, follow these instructions every 3 months to keep the station in working condition:**

  1. Discharge it to 0% battery capacity.
  2. Charge it to 60% of battery capacity.

**Note:**The station is not covered by warranty if it is not charged or discharged for more than 6 months.

#### MAINTENANCE

- Use a soft, dry cloth to wipe and clean the station.
- Do not leave the station out of operation for a long time. Charge and discharge it every 3 months to extend its service life.

## Safety instructions and regulatory compliance

### DISCLAIMER

Please read the documents of this product and make sure you fully understand the documents before using it. After reading, keep these documents for future reference. Improper use of this product may cause serious injury to you or others, damage to the product, or property loss. By using this product, you confirm that you have understood, agreed to, and accepted all the terms and conditions including the entire contents of this document. EcoFlow shall not be liable for any losses caused by the user's failure to use the product in accordance with this document. In accordance with laws and regulations, EcoFlow reserves the right to finalize the interpretation of this document and all other documents related to this product. This document may be changed (updated, revised, or terminated) from time to time without prior notice. For the latest product information, please visit EcoFlow's official website: https://www.ecoflow.com/.

#### TRANSPORTATION

1. Do not subject this product to strong shock, vibration or dropping. If it is damaged, stop using this product immediately and turn it off.
2. Do not place this product in an airplane.

### ENVIRONMENT

1. Do not use this product near a strong heat source (such as a fire or oven).
2. Do not place the product in an environment with low air pressure, as this may cause flammable liquids or gases to leak or even explode.
3. Do not soak or immerse the product in any liquid. When using the product in a humid environment, such as rainy areas or places near water, protect it with a waterproof cover.
4. Comply with the ambient temperature requirements specified in the product documents, both for use and storage of the product. Avoid product deterioration or damage or personal safety hazards due to exposure to excessively high or low temperatures.
5. Do not use the product in an environment with strong static electricity or magnetic fields.
6. Keep the product out of the reach of children and pets. Children should be closely supervised when the product is used near children.
7. Keep the product away from fumes, smoke, steam and dust.
8. Store the product in a clean, dry and well-ventilated place.

### OPERATION

1. Do not disassemble, repair or modify this product yourself. If any maintenance or service is required, please contact EcoFlow customer service.
2. Always disconnect the product from all external power sources before performing any maintenance or service.
3. To reduce the risk of damage to the electrical plug and cord, pull on the plug, not the cord, when disconnecting from the outlet.
4. Do not pierce the product with sharp objects.
5. Do not put your hands or fingers inside the product.
6. Do not insert wires or other metal objects into the product to prevent short circuit.
7. Do not use any unofficial or non-recommended parts or accessories. If you have any questions, please contact EcoFlow for further information.
8. Do not use this product with a damaged cord, plug, or outlet cable.
9. Do not place any heavy objects on the product.
10. Place the product on a stable and level surface. Avoid damage to the equipment or personal injury due to the product falling or tipping over.
11. Use a soft, dry cloth to wipe and clean the product.
12. Use in a repair facility: When used in a repair facility, such as a vehicle repair shop, workshop, or other location where repairs are being made, do not place the product on the floor or at a height lower than 457 mm above the floor.
13. Do not use damaged or modified batteries and appliances. Damaged or modified batteries may behave unpredictably and may create a hazard leading to fire, explosion or risk of injury.

## EMERGENCIES

1. In case of danger, take precautions against possible electric shock. For example, wear protective insulating gloves before touching the product.
2. If the product gets wet, stop using it immediately and refrain from further operation or turning it on. Place the product in a safe, waterproof and well-ventilated area, and then contact EcoFlow customer service for assistance.
3. If the product falls into water, place it in a safe, waterproof and well-ventilated area and keep it out of reach of people until it is completely dry. After drying, the product must not be used again and must be properly disposed of in accordance with local laws and regulations.
4. If the product catches fire, we recommend using fire extinguishers designed for extinguishing electrical equipment. Then dispose of it in accordance with local laws and regulations.

### RECYCLING AND DISPOSAL

1. A product with serious damage, malfunction or exhausted battery life must be properly disposed of or recycled.
2. The product contains batteries. Please dispose of it according to local laws and regulations for battery disposal and recycling. Do not put it in household waste, as it may cause environmental pollution and safety hazards.
3. If possible, ensure that the battery is completely discharged (to 0% capacity) when disposing of it. If this is not possible, do not place the battery directly into a battery recycling bin. Instead, contact a professional battery service or recycling company to properly dispose of the battery. environmental and safety hazards.

# Compliance

### FCC DECLARATION OF CONFORMITY

Any changes or modifications to the product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This product may not cause harmful interference
(2 This device must accept any interference received, including interference that may cause undesired operation.

**Note:**This product has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the product is operated in a commercial environment. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this product in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

### IC DECLARATION OF CONFORMITY

When using or maintaining the product, maintain a body distance of 20 cm from the product to ensure compliance with RF exposure guidelines. This device complies with Industry Canada and is exempt from RSS standard requirements.

**Operation is subject to the following two conditions:**
(1) This product may not cause harmful interference
(2 This device must accept any interference received, including interference that may cause undesired operation.

This Class A digital product complies with Canadian ICES-003.

**CE**-Hereby, EcoFlow Inc. declares that this product is in compliance with Directives 2014/35/EU, 2014/30/EU, 2011/65/EU (RoHS), (EU) 2015/863 (RoHS). The full text of the declaration of conformity is available at the following internet address: http://www.ecoflow. com/eu/eu-compliance

**WEEE**-This product should not be disposed of with household waste in the EU. Please recycle this product to prevent possible harm to the environment or human health from uncontrolled waste disposal and to promote the sustainable use of recycled materials. Please hand over your old product to a designated collection point or contact the retailer where you purchased the product. Your retailer will take your old product back to an environmentally friendly recycling facility.

**Battery Directive**-EcoFlow Inc. hereby declares that the battery type device complies with the applicable legislation and Regulation (EU) No. 2023/1542 of the European Parliament.

## Package contents

1. 1x EcoFlow RIVER 3 Plus Smart Extra Battery
2. 1x user manual + 1x warranty card

If any item is damaged or missing, please contact EcoFlow customer service.

## Technical specifications

| | |
|---|---|
| **In general** | |
| Model | EB300 (286 Wh): EF-RV-E01-1<br>EB600 (572 Wh): EF-RV-E02-1 |
| Weight | EB300 (286 Wh): approx. 3.5 kg<br>EB600 (572 Wh): approx. 5.8 kg |
| Dimensions (W x D x H) | EB300 (286 Wh): approx. 234 x 224 x 110 mm<br>EB600 (572 Wh): approx. 234 x 224 x 158 mm |
| **Exit** | |
| USB-C port | 5 V / 9 V /12 V /15 V = 3 A max., 20 V / 28 V = 5 A max., 140 W max. |
| Auxiliary battery port | EB300 (286 Wh): 17.5 V - 25.5 V = 33 A max.<br>EB600 (572 Wh): 17.5 V - 25.5 V = 68 A max. |

| **Input** | |
|---|---|
| USB-C port | 5 V / 9 V / 12 V / 15 V = 3 A max., 20 V / 28 V = 5 A max., 140 W max. |
| Auxiliary battery port | EB300 (286 Wh): 17.5 V - 25.5 V = 14 A max.<br>EB600 (572 Wh): 17.5 V - 25.5 V = 28 A max. |

| **Battery** | |
|---|---|
| Rated voltage | 22.4V |
| Capacity | EB300 (286 Wh): 286 Wh, 12.8 Ah<br>EB600 (572 Wh): 572 Wh 25.6 Ah |
| Type | LFP (LiFePO4) |
| Lifespan | 3,000 charge cycles to 80% capacity (SoH) at 25°C |
| Protection type | Overvoltage protection, overload protection, overheating protection, short circuit protection, low temperature protection, undervoltage protection, overcurrent protection |

| **Ambient temperature** | |
|---|---|
| Optimal operating temperature | 20°C to 30°C |
| Charging temperature | 0°C to 45°C |
| Discharge temperature | – 10°C to 45°C |
| Storage temperature | – 10 °C to 45 °C (optimally 20 °C to 30 °C) |

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