

EcoFlow RIVER 2

Portable Power Station Quick Start Guide



EcoFlow

DISCLAIMER

Read all safety tips, warning messages, terms of use, and disclaimers carefully. Refer to the terms of use and disclaimer at <https://ecoflow.com/pages/terms-of-use> and stickers on the product before use. Users take full responsibility for all usage and operations. Familiarize yourself with the related regulations in your area. You are solely responsible for being aware of all relevant regulations and using EcoFlow products in a way that is compliant.

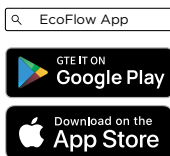
ECOFLOW APP

Control, monitor and customize your portable power station from afar with the EcoFlow App. Download at: <https://www.ecoflow.com/us/support/download/index>

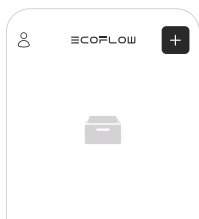
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EcoFlow App

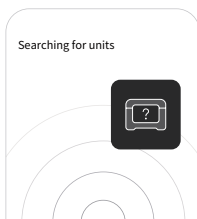


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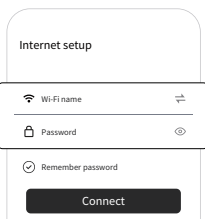
1.Add device

3



2.Search with Bluetooth

4



3.Connect to the Internet

Privacy Policy

By using EcoFlow Products, Applications and Services, you consent to the EcoFlow Term of Use and Privacy Policy, which you can access via the “About” section of the “User” page on the EcoFlow App or on the official EcoFlow website at <https://www.ecoflow.com/policy/terms-of-use> and <https://www.ecoflow.com/policy/privacy-policy>.

For more information, Please go to EcoFlow Official Website to get the Complete Version of the User Manual.

www.ecoflow.com/pages/download

In compliance with laws and regulations, the company has the final right to interpret this document and all related documents of this product. If there is any update, revision or termination without notice, please visit EcoFlow official website for the latest product information.

GETTING STARTED

1. Product On

When switched off, press the main power switch briefly to turn on the power.

2. Product Off

Press and hold the main power switch to turn off the product. When there is a charging input source, the product will not be the turn off.

3. USB Output Port

The USB outlet (USB-A output/USB-C output) can be used after making sure that the main power is on.

4. 12V Car Output Port

After ensuring that the main power is turned on, press the DC output switch briefly to use the 12V DC output port. Press the DC output switch briefly again to turn it off.

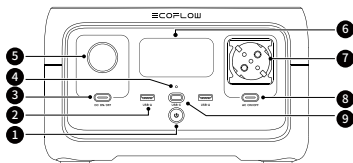
5. AC Output Sockets

After ensuring that the main power is turned on, press the AC output switch briefly to use the AC output port. Press the AC output switch briefly again to turn it off(Switching frequency: With AC power on, press and hold the AC power button for 10 seconds to switch the frequency, or use the APP to switch the frequency).

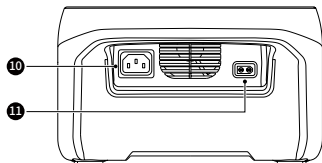
6. APP Control

When the main power is switched on, the Wi-Fi module and Bluetooth module are turned on by default. The user can connect the product to the app through Bluetooth. If you want to use the app from a long distance and you have a router, you may choose Wi-Fi for network distribution.

PRODUCT INTRODUCTIONS

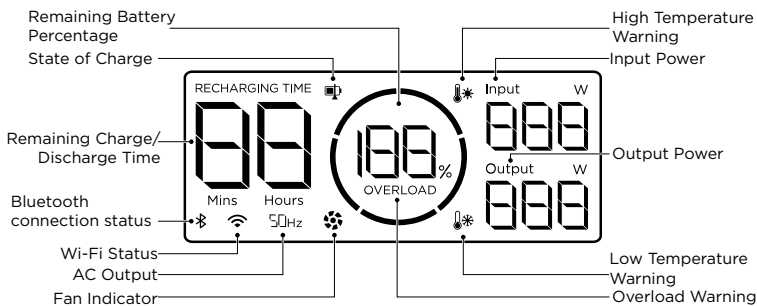


1. Main power switch
2. USB-A output port
3. DC output switch
4. Power Indicator
5. Car charger outlet
6. LCD

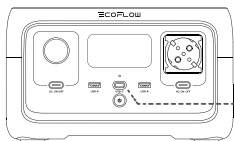


7. AC output socket*
8. AC output switch
9. USB-C input/output port
10. X-Stream AC Charging Input Port
11. Solar/Car Charging Input Port

***Note:**The type of AC socket varies in different countries or regions, the picture above is for illustration only, please refer to the actual product.

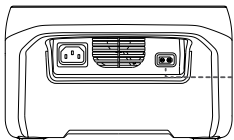
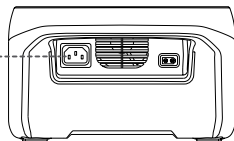
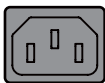


HOW TO CHARGE

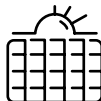


USB-C Charging
Full Charge Time: in 5hrs
60W Max

AC Charging
Charge Time: 100% in 1hr
360W Max

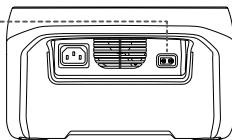


Solar Charging









Full Charge Time: 3-6hrs
110W Max

Car Charging



Full Charge Time: in 3hrs
100W Max

TROUBLESHOOTING

Details of Error Icons	Error Type	Recovery Methods
 icon flashes	Battery discharge low temperature protection	Normal operation will resume automatically when the battery warms up.
 icon flashes	Battery discharge high temperature protection	Normal operation will resume automatically after the battery cools down.
RECHARGING TIME  icon flashes	Battery charging low temperature protection	Normal operation will resume automatically after the battery temperature is restored to above 3°C (37.4°F).
RECHARGING TIME  icon flashes	Battery charging high temperature protection	Normal operation will resume automatically after the battery cools down.
 50Hz  icon flashes	AC output low-temperature protection	Normal operation will resume automatically after the ambient temperature is restored.
 50Hz  icon flashes	AC output over-temperature protection	Please confirm that the air inlet and outlet of the product are unobstructed. Normal operation will resume automatically once the cause is eliminated and the temperature decreases.
OVERLOAD icon flashes	USB-C or car charging overload protection	Normal operation will resume after removing the over-powered device and restarting the machine.
 50Hz OVERLOAD icon flashes	AC output overload protection	Normal operation will resume after removing the over-powered device and restarting the machine. Electrical appliances must be used within the rated power (for the power limit of electrical appliances in the X-Boost mode, please refer to the X-Boost function introduction)
RECHARGING TIME OVERLOAD icon flashes	Charging overload protection	Remove the charger and normal operation will resume automatically after being restarted.
 icon flashes	Fan blocking	Please check whether the fan is blocked by foreign objects and remove the cause of the error.
 50Hz icon flashes	Failure of communication between main control board and AC	Normal operation will resume automatically after being restarted.

! If any alert occurs during the use of this product and the alert icon does not disappear after the product is restarted, please stop using the product immediately (do not attempt to charge or discharge).

If the above information fails to resolve your problem, please contact customer service for further support.

SAFETY INSTRUCTIONS

1. Do not use the product near a heat source, such as a fire source or a heating furnace.
2. Avoid contact with any liquid. Do not immerse the product in water or get it wet. Do not use the product in rain or humid environments.
3. Do not use the product in an environment with strong static electricity/ magnetic fields.
4. Do not disassemble the product in any way or pierce the product with sharp objects.
5. Avoid using wires or other metal objects that may result in a short circuit.
6. Do not use unofficial components or accessories. If you need to replace any components or accessories, please visit official EcoFlow channels to check relevant information.
7. When using the product, please strictly follow the operating environment temperature specified in this user manual. If the temperature is too high, it may result in a fire or explosion; if the temperature is too low, the product performance may be severely reduced, or the product may cease to work.
8. Do not stack any heavy objects on the product.
9. Do not lock the fan forcibly during use or place the product in an unventilated or dusty area.
10. Please avoid impact, falls, or severe vibrations when using the product. In case of a severe external impact, turn off the power supply immediately and stop using the product. Ensure the product is well fastened during transportation to avoid vibrations and impacts.
11. If you accidentally drop the product into water during use, please place it in a safe open area, and stay away from it until it is completely dry. The dried product should not be used again, and should be properly disposed of according to the disposal guide in the user manual. If the product catches fire, we recommend that you use the fire extinguishers in the following order: water or water mist, sand, fire blanket, dry powder, and finally a carbon dioxide fire extinguisher.
12. Use a dry cloth to clean off dirt on the product ports.
13. Do Not put into the Microwave.

14. Replacement of a battery with an incorrect type that can defeat a safeguard.
15. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
16. Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
17. A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

FAQ

1. What battery does the product use?

It uses high-quality lithium-ion battery.

2. What devices can the product's AC output port power?

With 300W rated power and 600W peak power, most consumer electronics. Before you use it, we recommend that you confirm the power of the appliances first and ensure the power sum of all loaded appliances is lower than the rated power.

3. How long can the product charge my devices?

The charging time is shown on the product's LCD Screen, which can be used to estimate the charging time of most appliances with stable power usage.

4. How can I know if the product is charging?





When it's charging, the remaining charging time will be shown on the LCD Screen. Meanwhile, the charging indicator icon begins to rotate with the remaining battery percentage and the input power shown on the right of the circle.

5. Can I bring the product on a plane?







No.

SPECIFICATIONS



General Info

 Capacity	256Wh (20Ah 12.8V \approx)
 Net Weight	Approximately 7.8lbs
 Dimensions	9.6 x 8.5 x 5.7inches
 Model	EFR600





Output/Input Ports

 AC Input	220-240V~ 50Hz/60Hz, 8A Max
 DC Input	11-30V \approx 110W, 8A Max
 USB-C Input/Output	5/9/12/15/20V \approx 3A, 60W Max
 USB-A Output	5V \approx 2.4A 12W Max per port
 DC Output	12.6V \approx 8A, 100W Max
 AC Output	Pure Sine Wave, 300W total (surge 600W), 230V~50Hz/60Hz

Battery Info

 Cell Chemistry	LFP
 Cycle Life	80%+ capacity after 3000 cycles

Environmental Operating Temperature

 Discharge Temperature	-10°C to 45°C (14°F to 113°F)
 Charge Temperature	0°C to 45°C (32°F to 113°F)
 Optimal Operating Temperature	20°C to 30°C (68°F to 86°F)
 Storage Temperature	-10°C to 45°C (20°C to 30°C is best)/14°F to 113°F (68°F to 86°F is best)

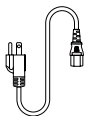
STORAGE & MAINTENANCE

1. Please use or store the product in an environment temperature between 20°C to 30°C, away from water, heat, and other metal objects.
2. For long-term storage, please recharge it to 60% every three months; if the product is left idle for a long time with severely low battery, irreversible damages may be caused to the battery cell and the product service life will be shortened. The product will not be covered by the warranty if it is not charged or discharged for more than 6 months.
3. For safety, please do not store the product in an environment temperature higher than 45°C or lower than -10°C for a long time.
4. If the product has been idle for too long and the battery is severely low, it will enter a deep sleep protection mode. In such case, please charge the product before using it again.

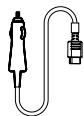
WHAT'S IN THE BOX



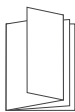
RIVER 2



AC Charging Cable



Car Charging Cable



Quick Start Guide

DIY INSTRUCTIONS FOR NON-MC4 CONNECTOR SOLAR PANELS

Users who use their universal solar panels with non-MC4 connector to power the equipment, please note: the solar panel should be in the voltage and current range (please find more information about the requirement in the User Guide). Connecting the wrong MC4 interface may damage the device. EcoFlow does not guarantee equipment failure caused by improper personal operation (For example, the open circuit voltage exceeds 60V).



We recommend that you use the EcoFlow solar panels.

Please confirm the positive and negative direction of your solar panel (as shown in the figure below).

Please connect the positive pole of your solar panel to the MC4 Male head and the negative pole to the MC4 Female head (as shown in the figure below).

1 MC4 Port



MC4 Male connector



MC4 Female connector

2 Please connect the positive pole to the MC4 Male head and the negative pole to the MC4 Female head.



Solar Panel positive pole +



Solar Panel negative pole -

3 Connect your solar panel to the MC4 to XT60 solar panel charging cable

Before connecting the solar panel, please make sure the positive pole of the solar panel connects to the MC4 Male head and negative pole to the MC4 Female head (as demonstrate in the figure below).

