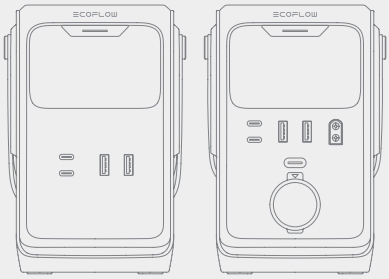
USER MANUAL

V1.0



EcoFlow TRAIL 200 DC Portable Power Station (192Wh)

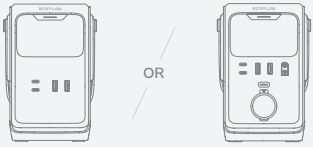
EcoFlow TRAIL 300 DC Portable Power Station (288Wh)

ENGLISH 1
DEUTSCH 11
FRANÇAIS 21
ITALIANO 31
ESPAÑOL 41
NEDERLANDS 51
РУССКИЙ 61
日本語 71
한국어 81
简体中文 91
繁體中文 101
POLSKI 111
ČEŠTINA 121
БЪЛГАРСКИ 131
SVENSKA 141
العربية 151
COMPLIANCES 161

About This Manual

- This user manual is applicable to the following products: EcoFlow TRAIL 200 DC Portable Power Station (192Wh), EcoFlow TRAIL 300 DC Portable Power Station (288Wh).
- The terms "TRAIL 200 DC" and "TRAIL 300 DC" in this manual shall refer to EcoFlow TRAIL series products.
- Please note that this manual may be updated without prior notice. The latest version is available online at EcoFlow Support (https://www.ecoflow.com/support/download).
- The availability of certain accessories and features described in this manual may vary depending on your country or region.

What's in the Box



TRAIL 200 DC/TRAIL 300 DC ×1



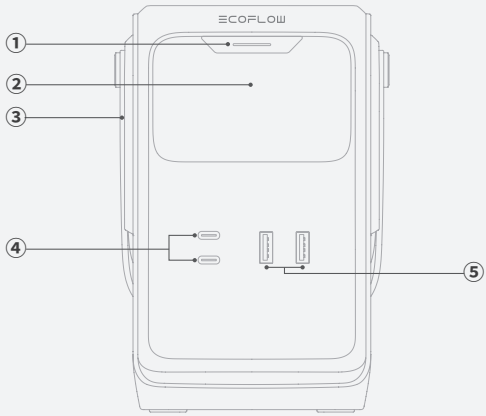
Product Document Bundle ×1

Overview

EcoFlow TRAIL 200 DC Portable Power Station (192Wh) (hereinafter referred to as "TRAIL 200 DC" or "the power station") and EcoFlow TRAIL 300 DC Portable Power Station (288Wh) (hereinafter referred to as "TRAIL 300 DC" or "the power station") are power stations with $LiFePO_4$ battery. They support DC inputs and outputs to meet your actual needs.

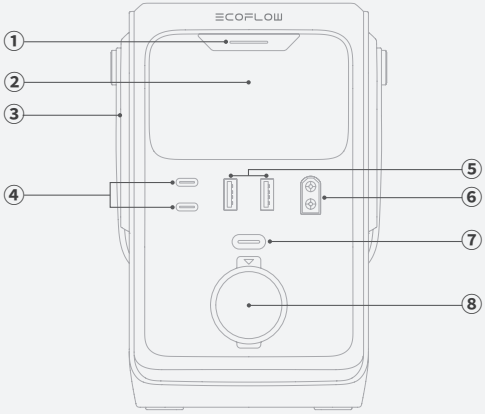
Appearance

I TRAIL 200 DC



①	Multifunction Button	Press Once: Wakes or turns off the display.
		Double Press: Enables or disables low current mode. When enabled, the USB-A output ports provide continuous power output.
		Indicator: Stays on when there is input or output via any port. Flashes when a fault occurs.
②	Display	Displays the real-time battery level, input power, output power and other operating statuses.
③	Handle	Used to lift or carry the power station.
④	USB-C Input/Output Port	Supports both charging the power station and powering external devices via USB-C.
⑤	USB-A Output Port	Supplies power to USB devices.

TRAIL 300 DC

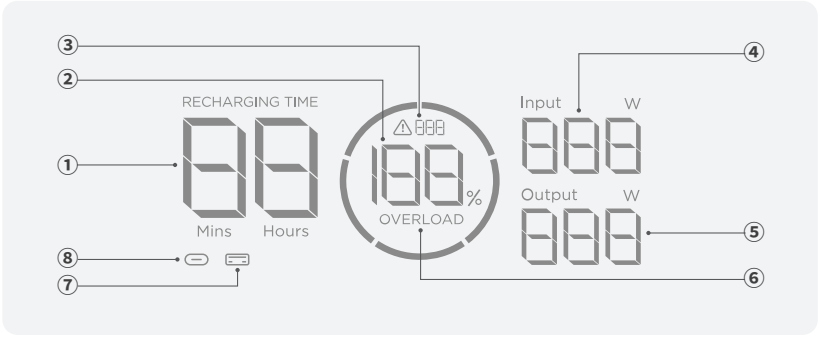


①	Multifunction Button	Press Once: Wakes or turns off the display.
		Double Press: Enables or disables low current mode. When enabled, the USB-A output ports provide continuous power output.
		Indicator: Stays on when there is input or output via any port. Flashes when a fault occurs.
②	Display	Displays the real-time battery level, input power, output power and other operating statuses.
③	Handle	Used to lift or carry the power station.
④	USB-C Input/Output Port	Supports both charging the power station and powering external devices via USB-C.

⑤	USB-A Output Port	Supplies power to USB devices.
⑥	Solar/Car Input Port (XT60)	Connects the power station to solar panels or a 12V car outlet for charging.
⑦	12V Car Outlet Button	Short press to enable or disable the 12V car outlet.
⑧	12V Car Outlet	Powers up on-board appliances.

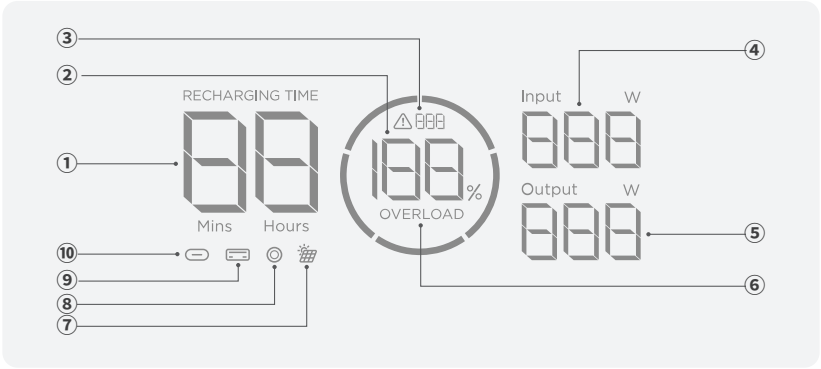
Display

TRAIL 200 DC



①	Remaining Charging / Discharging Time	On: Displays the remaining charging or discharging time.
②	Battery Level	On: Displays the current battery level.
③	Error Code	Flashing: An error has occurred.
④	Total Input Power	On: Displays the total input power.
⑤	Total Output Power	On: Displays the total output power.
⑥	Overload Warning	Flashing: Overload protection has been triggered. Disconnect devices or power sources to reduce the input or output. Once power returns to a normal level, the error will clear automatically.
⑦	USB-A Output Port	On: The port is active with output.
		Flashing: Low current mode is enabled. The USB-A output ports provide continuous power output.
⑧	USB-C Input/Output Port	On: The port is active with input or output.

TRAIL 300 DC



①	Remaining Charging / Discharging Time	On: Displays the remaining charging or discharging time.
②	Battery Level	On: Displays the current battery level.
③	Error Code	Flashing: An error has occurred.
④	Total Input Power	On: Displays the total input power.
⑤	Total Output Power	On: Displays the total output power.
⑥	Overload Warning	Flashing: Overload protection has been triggered. Disconnect devices or power sources to reduce the input or output. Once power returns to a normal level, the error will clear automatically.
⑦	Solar/Car Input Port (XT60)	On: The port is connected to a DC power source.
⑧	12V Car Outlet	On: The 12V car outlet is enabled.
⑨	USB-A Output Port	On: The port is physically connected and supplying power.
		Flashing: Low current mode is enabled. The USB-A output ports provide continuous power output.
⑩	USB-C Input/Output Port	On: The port is active with input or output.

Get Started

- In this chapter, instructions that apply to both TRAIL 200 DC and TRAIL 300 DC are illustrated using the TRAIL 300 DC as an example.

Power On/Off

The product does not require manual power-on; buttons and ports can be used immediately.

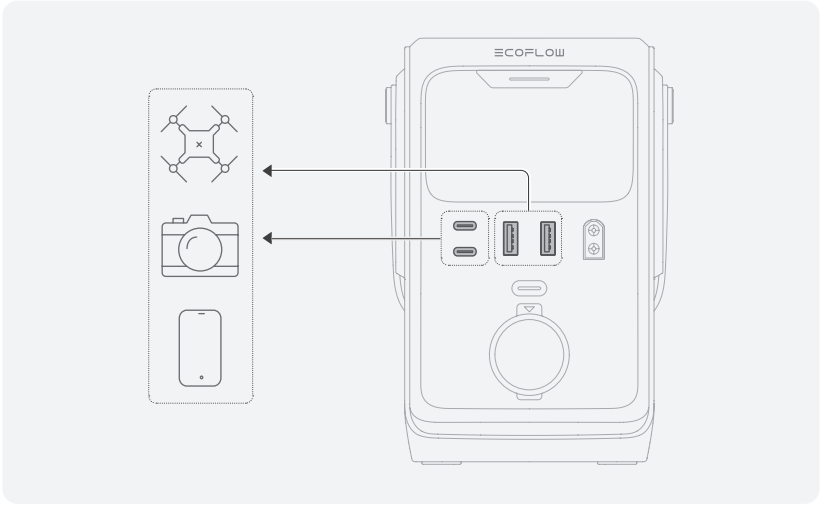
After long periods of inactivity, the product will enter standby mode without requiring manual shutdown.

Power Your Appliances

I Via USB Output Port

- Standard Mode

  Connect your devices directly to the USB ports on the power station.



- Low Current Mode

  The USB-A output ports on this power station support low current mode. It is recommended to enable this mode when charging low-power devices such as Bluetooth earphones, fitness bands, or smartwatches via the USB-A output ports.

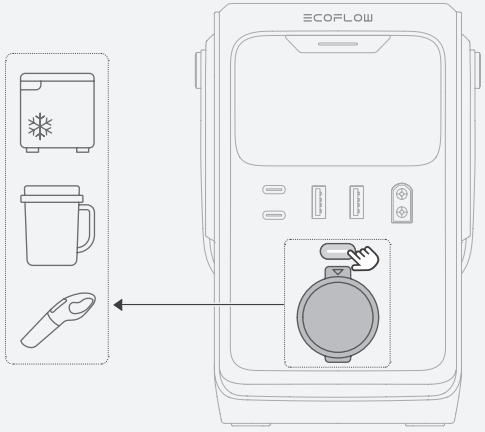
  How to Use This Mode

  1. Connect a low-power device to the USB-A output ports.
  2. Double press the multifunction button. The USB-A icon on the display will flash, indicating that low current mode is enabled.
  3. Low current mode remains active for approximately 3 hours. You can manually exit the mode by double pressing the button again, or it will turn off automatically after about 3 hours.
  4. If the device is not fully charged after the mode exits, you can double press the multifunction button again to re-enable low current mode and continue charging.

- After entering low current mode, the USB-A output ports can still charge higher-power devices such as smartphones and drones normally.
- The USB-C input/output ports can provide stable power to low-power devices without the need to enable low current mode.

Via 12V Car Outlet (TRAIL 300 DC Only)

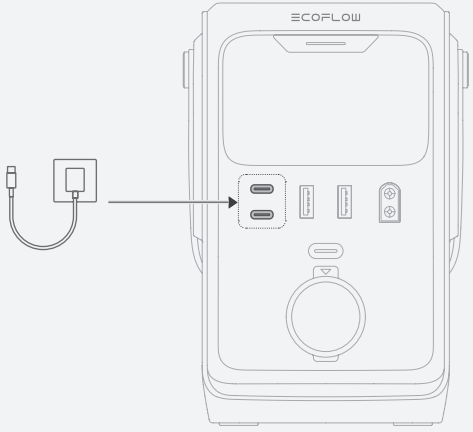
1. Short press the 12V car outlet button to turn on the outlet.
2. Connect vehicle appliances to the outlet.



Charge Your Power Station

Via USB-C Input/Output Port

Connect the USB-C Input/Output Port to a power source.

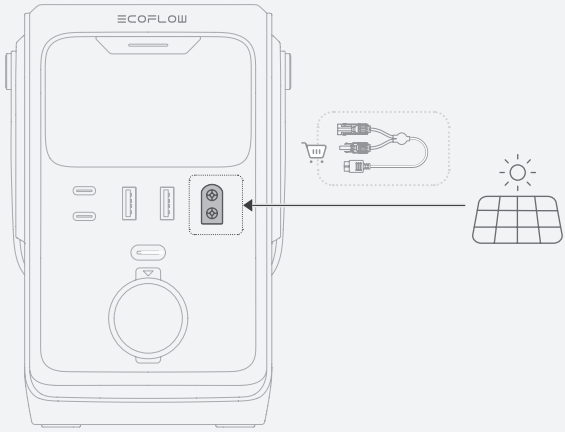


Via Solar/Car Input Port (TRAIL 300 DC Only)

The Solar/Car Input Port on the TRAIL 300 DC supports both solar charging and 12V car outlet input.

- **Solar Input**

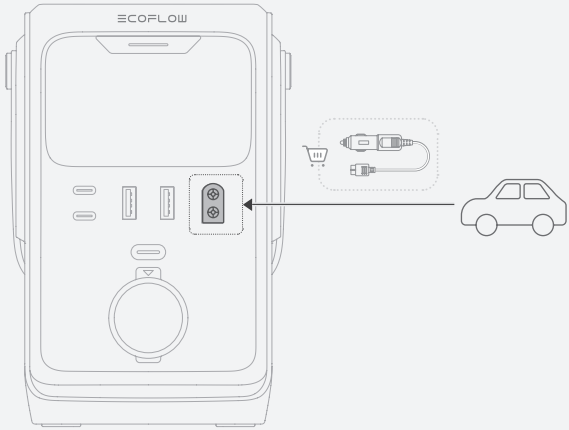
  Connect the power station's Solar/Car Input Port to solar panels using a solar charging cable (solar to XT60 charging cable).



- Before connecting the solar panel, ensure that the output voltage of the panel is less than 30V to avoid product damage.

- **Car Outlet Input**

  Connect the Solar/Car Input Port to your vehicle's 12V car outlet using a car charging cable.



Troubleshooting

Error Code	Problem	Solution
109/111/ 317/341	High Temperature	Stop using the product. Move it to a well-ventilated place and keep it away from heat source. The error message will clear when the product's temperature falls to normal levels.
110/112	Low Temperature	Move the product to a warmer place. The error message will clear when the product's temperature rises to normal levels.
322	USB-C1 Output Overload	Remove the devices connected to the USB-C1 output ports. After the error message clears automatically, try to use the product again.
328	USB-C2 Output Overload	Remove the devices connected to the USB-C2 output ports. After the error message clears automatically, try to use the product again.
308	USB-A Output Overload	Remove the devices connected to the USB-A output ports. After the error message clears automatically, try to use the product again.
319	12V Car Outlet Overload	Remove the devices connected to the 12V car outlet. After the error message clears automatically, try to use the product again.
629	Solar Input Undervoltage	Move the solar panel to a location with ample sunlight. After the error message clears automatically, try to use the product again.



- If the problem persists, stop using the product immediately and consult EcoFlow customer service.

Storage and Cleaning

Storage

- Store the device in an environment between -10°C and 45°C, with a recommended range of approximately 0°C to 30°C to maintain battery health.
- Keep the product in a dry, cool, well-ventilated area that is secure and reduces the risk of falling.
- Ensure the device is kept away from water sources, heat sources, strong magnetic fields, environments with corrosive gases, and any flammable or explosive substances.
- For long-term storage, charge and discharge the product once every 3 months (fully charge it, then discharge to 60% for storage) to maintain battery health.
- Do not leave the device uncharged or unused for more than 6 months; otherwise, the warranty will be void.

Cleaning

- Use a soft, dry cloth to wipe and clean the product.

Safety Instructions

Disclaimer

Please read the product documentation thoroughly and ensure you understand it before using the product. Improper use may cause serious injury, product damage, or property loss. Always refer to the most up-to-date documentation available at https://www.ecoflow.com/support/download/. This documentation takes precedence over all other versions.

By using this product, you acknowledge and agree to all terms and conditions stated in the documentation. EcoFlow is not liable for losses caused by improper use or failure to adhere to the provided instructions. Subject to applicable laws and regulations, EcoFlow reserves the right to the final interpretation of this document and all documents related to the product.

Safety Guidelines

1. Use the product according to the operating instructions in this documentation. Improper use can cause damage to the product or may endanger personal safety and property.
2. Check and make sure the charging voltage of your digital device is consistent with the voltage output of the product.
3. Use the original charging cable that came with your device to charge it.
4. Please recharge the product regularly in order to prolong its service life.
5. CAUTION: Risk of Fire and Burns. Do Not Open, Crush, Heat Above 45 °C or Incinerate.
6. Do not use the product if it has been soaked in water. Contact a battery recycling company for disposal.
7. Keep the product away from water, fire and heat sources.
8. To reduce the risk of injury, close supervision is necessary when the product is used near children.
9. If this product has obvious deformation, leakage or damage, stop using it immediately, and contact a recycling company for disposal.
10. This product does not contain any user-serviceable parts and the battery is not replaceable.
11. Placing the battery in a fire or heating oven, or treating the battery by mechanical squeezing or cutting may cause an explosion.
12. Placing the battery in an environment with extremely high temperatures or low air pressure may result in an explosion or leakage of flammable liquids or gases.
13. The product will automatically enter standby mode when not in use.
14. Do not expose the product to fire or excessive temperature. Exposure to fire or temperature above 100°C may cause explosion.
15. Do not expose the product to rain or snow.
16. Do not disassemble, repair, or modify this product by yourself. For any repair service, please contact EcoFlow Customer Service.
17. Please note that the nameplate is on the bottom of the product.
18. CAUTION: This device is not intended for use in a commercial repair facility.

Appendix

Specifications

	EcoFlow TRAIL 200 DC	EcoFlow TRAIL 300 DC
General		
Model	EF-TX-192	EF-TX-288
Net Weight	Approx. 1.8 kg (4.0 lb)	Approx. 2.6 kg (5.7 lb)
Dimensions	Approx. 126 x 115 x 167 mm (5.0 × 4.5 × 6.5 in.)	Approx. 166 x 115 x 167 mm (6.5 × 4.5 × 6.5 in.)
Output		
USB-A1/A2	5V⎓2.4A, 12W Max per port, 24W total	
USB-C1	5/9/12/15V⎓3A, 20/28V⎓5A, 140W Max	
USB-C2	5/9/12/15V⎓3A, 20V⎓5A, 100W Max	5/9/12/15V⎓3A, 20/28V⎓5A, 140W Max
Car Outlet	/	12V⎓10A
Input		
USB-C1	9/12/15V⎓3A, 20/28V⎓5A, 140W Max	
USB-C2	9/12/15V⎓3A, 20V⎓5A, 100W Max	9/12/15V⎓3A, 20/28V⎓5A, 140W Max
Solar/Car Input Port	/	10-30V⎓10A Max, 110W Max
Battery Info		
Rated Voltage	12.8V⎓	19.2V⎓
Rated Capacity	192Wh 15Ah	288Wh 15Ah
Cell Chemistry	LFP ($LiFePO_4$)	
Protection Type	Over Voltage Protection, Overload Protection, Over Temperature Protection, Short Circuit Protection, Low Temperature Protection, Low Voltage Protection, Overcurrent Protection	
Environment Temperature		
Charge Temperature	0°C-45°C (32°F-113°F)	
Discharge Temperature	–10°C to 45°C (14°F-113°F)	
Storage Temperature	–10°C to 45°C (14°F-113°F)	
Other		
Operating Altitude	≤3000 m	

FAQ

For detailed answers to common questions, visit our FAQ page (https://www.ecoflow.com/support/faq).