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About This Manual

- This manual contains an introduction to this power station, and details on its operation, management, and maintenance. Please note that this manual may be updated without prior notice.
- The availability of certain accessories and features described in this manual may vary depending on your country or region.

Please refer to the actual product received. The following examples are based on the US version of EcoFlow DELTA 3 Classic.

- If you are reading this manual in PDF format, please note that you can access it online at EcoFlow Support for a better experience and the latest updates.

Overview

EcoFlow DELTA 3 Classic (hereinafter referred to as "DELTA 3 Classic", or "the power station") is a power station with a $LiFePO_4$ battery and a capacity of 1024Wh. It has multiple outputs, including standard AC ports, USB-A port and USB-C ports to support various appliances and devices. The variety of charging options allows you to easily switch between different methods based on your actual needs.

Appearance

Power on/off
• Press the button once to turn on the power station. Long press the button for 2 seconds to turn it off.

Screen on/off
• After the power station is turned on, press once to turn on or off the display screen.

Reset IoT connections
• While the power station is off, long press the button until the screen displays the power-on animation twice to reset the Bluetooth and Wi-Fi connections.

2 USB-C output ports

Supplies power to charge phones, laptops, game consoles, or other devices.

3 AC output control button[2]

Press the button once to enable or disable AC power output.

4 Display screen

Displays operating status.

5 USB-A output port

Supplies power to charge phones, laptops, game consoles, or other devices.

6 AC output ports

Supplies power to AC loads (household appliances or other

equipment). The appearance and specification of AC output and input ports vary according to your local standards.

7 Heat vent

Dissipates the internal heat.

8 AC charging input port

Connects the power station to an AC power source (wall outlet or generator) for charging.

9 Solar/Car charing input port

Connects the power station to solar panels or a vehicle power source (cigarette lighter socket or on-board battery charger) for charging.

Main power button [1]

The indicator on the main power button will flash white when the power station is performing a firmware update.

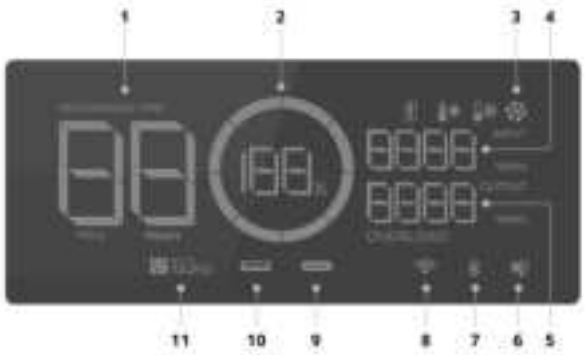
button will flash white when abnormal power output is detected. Please try the following steps to re-enable it.

- Press the button again;
- Remove and re-plug the power cord of the affected appliance(s);
- Upgrade the power station's firmware via the EcoFlow app.

Display Screen

Icons may be updated to enhance the user experience. Please refer to the actual display.

Function Bar



1	Remaining Charging / Discharging time	7	Bluetooth
2	Battery Level	8	Wi-Fi
3	Fan	9	USB-C output

	Discharging time		
4	Total Input Power	10	USB-A output
5	Total Output Power	11	AC output frequency
6	Charging / Discharging Limit		

Error Message

If the error message persists after troubleshooting, please stop using the power station immediately. Do not attempt to charge or discharge.

Error Icons

6,7	**USB-C Charging Output Overload** Disconnect overloading devices and restart the product to resume normal operation.

6,8	**USB-A Charging Output Overload** Disconnect overloading devices and restart the product to resume normal operation.
1,2,3	**High Temperature Charging Protection** Charging will resume automatically once the battery cools down.
2,3	**High Temperature Discharging Protection** The power supply will resume automatically once the battery cools down.
1,2,4	**Low Temperature Charging Protection** Charging will resume automatically once battery temperature rises above 5°C (41°F).
2,4	**Low Temperature Discharging Protection** The power supply will resume automatically once the battery temperature rises above -12°C (10°F).
6,9	**AC Output Overload** Disconnect overloading devices and restart the product to resume

normal operation. The sum power of loaded electrical appliances must not exceed the rated power (for the power limit of electrical appliances in the X-Boost mode, please refer to the X-Boost feature introduction).

3,9 AC Output High Temperature

Ensure that the air inlet and outlet of the product are unobstructed. Normal operation will resume automatically after the temperature decreases.

4,9 AC Output Low Temperature

Normal operation will resume automatically when the product warms up.

5 Fan blocked

Check whether the fan is blocked by foreign objects.

2 Battery Failure

Contact EcoFlow customer service.

Getting Started

Power On/Off

- **Power On**
  Press the button once to turn on the

Long press the button for 2 seconds to turn it off.

- **Screen On/Off**
  After the power station is turned on, press once to turn on or off the display screen.

1. The power station can't be turned off via the main power button when it has charging input. Please unplug the charging cable first.
2. If you still can't turn off the power station, please disconnect the Bluetooth connection with other devices (e.g. generator) and try again.

Control via EcoFlow App

EcoFlow offers a companion app for device management. With this mobile application, you can:

- Monitor power consumption details seamlessly with real-time updates.
- Personalize your energy scheme with an array of customizable options.
- Promptly receive in-app troubleshooting and firmware updates.

Scan the QR code or download it at: https://download.ecoflow.com/app

[illegible]

After successfully registering an EcoFlow account, bind your EcoFlow devices to your account to ensure remote access to the device's settings.

To bind a new EcoFlow device:

1. Visit the EcoFlow app and log in to your EcoFlow account.
2. Tap the Add Device button or ➕ icon in the top right corner to search for new EcoFlow devices.
3. Select your EcoFlow device and follow the pop-up instructions to complete device binding and Wi-Fi setup.

Unable to discover this power station via Bluetooth?

Try the following steps:

1. Power Off: Press and hold the Main Power button for 2 seconds to turn off the power station.
2. Reset Bluetooth: While the power station is turned off, press and hold the

reset all Bluetooth and Wi-Fi connections.

3. Power On & Retry: Press and hold the Main Power button for 2 seconds to turn on the power station, and start searching again.

4. If the problem persists, contact technical support.

Control via Phone

With the EcoFlow app, you can manage all your EcoFlow binding devices on your phone.

The power station supports Wi-Fi and Bluetooth connections, adapting to varying network conditions to ensure convenient access to device settings.

- **With Internet**

When Wi-Fi is stable, you can access the device settings via the internet. This method is always recommended to ensure your EcoFlow device can receive timely firmware updates and pushes.

- **Without Internet**

If the Wi-Fi connection is limited, you can manage the power station locally via Bluetooth.

Power Your Appliances

- Press the AC output control button once to enable the power supply.
- Connect your appliances to the corresponding power outputs.

Via USB Output Ports

The USB output ports of the power station supports the following charging protocols.

USB-C 100W	PD3.0/QC3.0/UFCS
USB-C 30W	PD3.0/QC3.0
USB-A (Fast Charge)	QC3.0

It is recommended to charge your electronic device using a compatible

available if the cable or device does not support the corresponding protocol.

Via AC Output Ports

AC Timeout Tip

The AC output port of the power station will automatically turn off if the port is idle for a certain period. When the power station is connected to an intermittent load like a refrigerator or air conditioner, this feature may be triggered.

If you need to power your device continuously, such as when storing medicines, vaccines, or other valuable items in a refrigerator, set the power station's AC timeout interval to "never" in the EcoFlow app. Additionally, regularly check the power station's battery level.

Electric Grid Bypass Output

When powering appliances in **bypass mode**, the instability of grid power may cause improper operation or damage to

high-quality power output, such as speakers, to use only the AC output power from the power station.

- Bypass mode: When you recharge and discharge the device (via AC input & output ports) simultaneously, the device enables bypass mode automatically.

Charge Your Power Station

From a Wall Outlet

provided **AC charging cable**.

The input port supports a maximum charging power of 1400W, and the charging speed can be set in the EcoFlow app.

From Solar Power

The XT60i input port(s) of the power station supports both solar charging and car charging.

Here is a basic guiding principle that helps you check your setup when connecting your solar panel(s) to charge the power station:

1. Connect this port to the solar panel(s) using an **EcoFlow Solar to XT60i Charging Cable** (sold separately).

2. Please make sure that the total Voc (open circuit voltage) of the solar panel(s) is within 60V, and the total Isc (short circuit current) is within 15A to avoid product damage.

for more details.

Tips

Solar charging will be prioritized by default when both AC and solar inputs are connected. Additional power will be supplemented through the AC input if the solar power is insufficient.
For detailed charging data, please refer to the device homepage in the EcoFlow app.

From a Cigarette Lighter Socket

The XT60i input port of the power station supports both solar charging and car charging.

Please connect the power station's car charging input port to your vehicle's cigarette lighter socket using the **EcoFlow car charging cable**.

Please purchase the EcoFlow car charging cable separately.

to insufficient car battery), please connect the charging cable after the vehicle is started. In addition, please make sure that the cable is securely connected to the cigarette lighter.

From a Generator

Via the AC Input Port

Connect the power station's AC input port to a generator using the provided **AC charging cable**.

From EcoFlow Alternator Charger

Connect the power station to the portable power station port of the alternator charger using **the XT60 output cable**.

View more →

Advanced Features

X-Boost: Powering High-Wattage Appliances

X-Boost is an innovative technology exclusive to EcoFlow power stations. It allows the power station to support appliances with a higher power requirement than its rated power output.

[illegible]

X-Boost is active by default. In EcoFlow app, you can turn off or turn on this feature.

[illegible]

- X-Boost is more suitable for heating devices, such as an electric blanket, a water heater, or a heat pump.
- X-Boost does not support devices with voltage protection (such as precise instruments). Connecting such devices may cause them to stop working due to low voltage.

> **Notice**
> X-Boost is unavailable when the power station is connected to an AC power source (e.g. The power station is charging or in **bypass mode**).
> ※ Bypass mode: When you

ports) simultaneously, the device enables bypass mode automatically.

[illegible]

AC Output Voltage	Rated Power	Power with X-Boost
100V	1500W	2000W
110V	1500W	2500W
120V	1800W	2600W
220V	1800W	2200W
230V	1800W	2400W

Uninterrupted Power Supply (UPS): Backup for Essential Devices

A UPS is a device or system that provides continuous backup power during grid power outages. You can use the power station as a UPS to support essential household appliances.

The power station acts as a standby UPS with a transfer time of 10 ms. When a power outage occurs and appliances can no longer use the grid power, the power station automatically transfers its battery power for use to connected appliances.

outlet to access grid power.
2. Connect your appliances to this power station to ensure they continue operating during a power outage.

Notice

In this setup, the power station requires more power input from the grid than it provides to connected loads, so it can use surplus power to charge and maintain its batteries. Otherwise, the power station is unable to function as a UPS since its batteries won't maintain a charge.

Storage and Maintenance

1. 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.
2. Keep the product in a dry, cool, well-ventilated area that is secure and reduces the risk of falling.
3. Ensure the device is kept away from water sources, heat sources, strong magnetic fields, environments with corrosive gases, and any flammable or explosive substances.
4. 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.

Notice

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.

Maintain Battery Health

2. Charge and discharge the product every 3 months to increase its lifespan.

Safety Instructions and Compliances

Disclaimer

Please read the product document and ensure that you understand it fully before using the product. After reading this document, keep it for future reference. Improper use of this product may cause serious injury to yourself or others, or cause product damage and property loss. Once you use this product, it is deemed that you understand, approve, and accept all the terms and content in this document. EcoFlow is not liable for any loss caused by the user's failure to use the product in compliance with the product document. In compliance with laws and regulations, EcoFlow reserves the right to the final interpretation of this document and all documents related to the product. This document is subject to changes (updates, revisions, or termination) without prior notice. Please visit EcoFlow's official website to obtain the latest product information: https://www.ecoflow.com/.

1. Do not disassemble, repair, or modify this product by yourself. For any maintenance or service, please contact EcoFlow Customer Service.
2. Always disconnect the product from all external power sources before attempting any service or maintenance.
3. To reduce risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the product.
4. Do not pierce the product with sharp objects.
5. Do not put fingers or hands into the product.
6. Do not insert wires or other metal objects into the product to prevent short circuits.
7. Do not block or restrict the heat dissipation system of the product during operation.
8. Do not use any unofficial or unrecommended components or accessories. For any replacements, please contact EcoFlow for further assistance.
9. Do not operate this product if the cord, plug, or any output cable is damaged.
10. Do not stack any heavy objects on the product.
11. Place the product on a stable and flat surface. Avoid damage to the device or personal injury due to the product falling or tipping over.

13. **AC Timeout Tip**: The AC output port of the power station will automatically turn off if the port is idle for a certain period. When the power station is connected to intermittent loads like refrigerators or air conditioners, this feature may be triggered. To ensure continuous power supply for critical uses, such as storing medicines, vaccines, the perishables, or other valuable items in a refrigerator, set the power station's AC timeout interval to "never" in the EcoFlow app. Additionally, regularly check the power station's battery level.
14. **Medical Equipment Limit:** The product is not intended for powering life-sustaining medical equipment, including but not limited to medical-grade ventilators (hospital-grade CPAP: Continuous Positive Airway Pressure) or artificial lungs (ECMO: Extracorporeal Membrane Oxygenation). If you plan to use it for other medical equipment, consult with the equipment's manufacturer first to ensure there are no restrictions on using an external power source with their equipment.
15. **Medical Equipment Interference:** When in use, power supply products will generate electromagnetic fields, which are likely to affect the normal operation of medical implants or personal medical equipment such as pacemakers, cochlear implants, hearing aids, defibrillators, etc. If

manufacturer to inquire about any restrictions on the use of such equipment. These measures are fundamental to ensure a safe distance between the medical implants (for example, pacemakers, cochlear implants, hearing aids, defibrillators, etc.) and this product while in use.

16. The plug of the charging cable included in the package is a disconnecting device, and the wall outlet to which it is connected must be easily accessible and well grounded.
17. Electrical appliances connected to this product must comply with local certification requirements, and Type-C ports are only permitted for appliances with fireproof enclosures.
18. **Risk of Electric Shock:** Never use the product to supply power tools to cut or access live parts, live wirings, or materials that may contain live parts or live wirings inside, such as building walls.
19. **Use in Repair Facility:** During use in a repair facility like a vehicle repair center, workshop, or any other place where repairs are conducted, do not place the product on the floor, or at a height less than 457 mm (18 inches) above the floor.
20. **GROUNDING INSTRUCTIONS:** This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to

with an equipment grounding conductor and a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

21. **WARNING** – Improper connection of the equipment grounding conductor can result in a risk of electric shock. If you encounter the following situations, consult a qualified electrician instead of modifying the plug provided with the product:

- You are unsure whether the product is properly grounded;
- You find that the plug provided with the product does not fit the outlet.

Storage

1. Follow the environment temperature requirements specified in the product specification to use or store the product. Avoid degradation or damage to the product, or risks to personal safety due to excessively high or low temperatures.
2. Do not use the product near a heat source, such as a fire source or a heating furnace.
3. Do not get the product wet or immerse it in any liquid. When using the product in wet environments like rainy areas or places near water, protect it with a waterproof bag.
4. Do not use the product in an environment with strong static

children and pets. If the product is to be used near children, ensure that they should be closely supervised.
6. Keep the product away from fumes, smoke, steam, and dust.
7. Store the product in a tidy, dry, and well-ventilated place.
8. Do not carry the product onto a plane.
9. Do not subject the product to severe impacts, vibrations, or drops.

In Case of Emergency

1. In case of emergency, take precautions against electric shock before touching the product, such as wearing insulating gloves.
2. If the product gets wet, stop using it immediately and refrain from further operation or powering it on. Place the product in a secure, waterproof, and well-ventilated area, then contact EcoFlow Customer Service for assistance.
3. If the product falls into water, place it in a secure, waterproof, and well-ventilated area, and keep it away from contact until it is completely dry. Once dried, the product should not be used again and must be properly disposed of according to local laws and regulations.
4. If the product catches fire, we recommend that you use the fire extinguishers in the following order: water or water mist, sand, fire

5. If the product is overturned and severely damaged, wear insulating gloves to turn it off, and then place the product in an open area far from flammable materials and people, and dispose of it according to local laws and regulations.

Recycling and Disposal

1. The product with severe damage, malfunction, or depleted battery life should be properly disposed of or recycled.
2. The product contains batteries. Please dispose of the product following local laws and regulations for battery disposal and recycling. Do not dispose of it with household waste to avoid environmental pollution and safety hazards.
3. If possible, ensure the battery is completely discharged (to 0% capacity) before disposing of the product. If not, refrain from placing the battery directly into a battery recycling box. Instead, contact a professional battery recycling company for proper handling.

Regulatory Compliance

FCC Compliance Statement

Any Changes or modifications not expressly approved by the party responsible for compliance could void

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Note: This equipment 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 equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment 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.
RF exposure statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimuum distance 20 cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

INDUSTRY CANADA COMPLIANCE

Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.
This Class A digital apparatus complies with Canadian ICES-003.
CAN ICES(A) / NMB(A)

IC RF Statement

This equipment meets the exemption from the routine evaluation limits in section 2.5 of RSS-102. It should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.
This equipment complies with the ISED radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any

CE

Hereby, EcoFlow Inc. declares that the radio equipment type portable power station is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following Internet address:
EU:
http://www.ecoflow.com/eu/eu-compliance
DE:
http://www.ecoflow.com/de/eu-

http://www.ecoflow.com/fr/eu-compliance
UK:
http://www.ecoflow.com/uk/eu-compliance

This marking indicates that this product should not be disposed of with other household waste within the EU. Recycle this product properly to prevent possible damage to the environment or a risk to human health via uncontrolled waste disposal and in order to promote the sustainable reuse of material resources. Please return your used product to an appropriate collection point or contact the retailer where you purchased this product. Your retailer will accept used products and return them to an environmentally-sound recycling facility.
For information on the disposal of electrical and electronic equipment, please visit the following website:
https://eu.ecoflow.com/pages/electronic-devices-disposal

UK PSTI

Hereby, EcoFlow Inc. declares that the equipment complies with the 2023 No. 1007 CONSUMER PROTECTION The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant

Technical Specifications

General

Model	EF-DL3-C
Net. Weight	Approx. 12.1 kg (26.6 lbs)
Dimensions (W x D x H)	Approx. 398 × 200 × 283 mm (15.6 × 7.8 × 11.2 in.)
Wi-Fi (2.4G)	Frequency (EU): 2412-2472MHz, 2422-2462MHz Maximum output power (EU): < 18.24 dBm
Bluetooth	Frequency (EU): 2402-2480MHz Maximum output power (EU): < 20 dBm
Operating Altitude	< 3000 m (9842 ft)
Overvoltage Category	II
Pollution Degree	2

Output

AC Output Socket (Discharge Only)	Pure sine wave, total 1800W, surge 3600W US/CA: 120V ∼ CN/KR: 220V ∼ EU/UK/AU/CH/ZA: 230V

	JP: 100V~ (total 1500W, surge 3000W)
DC Output Port (USB-A)	5V⎓3A, 9V⎓2A,12V⎓1.5A, 18W Max
DC Output Port (USB-C)	USB-C1: 5/9/12/15V⎓3A, 20V⎓5A, 100W Max USB-C2: 5/9V⎓3A,15V⎓2A,30W Max

Input

AC Input Socket	US/JP: 100-120V～15A (50Hz/60Hz) CN/EU/UK/AU/CH/ZA/KR: 220-240V～10A (50Hz/60Hz)
DC Input Port (XT60)	Solar Input: 11-60V⎓15A, 500W Max Car Input: 12V⎓8A 96W Max

Battery Info

Rated Capacity	1024Wh (51.2V⎓20Ah)
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	
Optimal Operating Temperature	20°C-30°C (68°F-86°F)
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 (optimal: 20°C to 30°C) 14°F to 113°F (optimal: 68°F to 86°F)

Appendix

What's in the Box

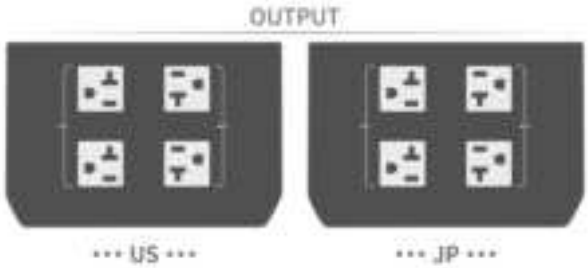
1. EcoFlow DELTA 3 Classic portable power station ×1
2. AC charging cable ×1
3. Manuals and warranty card

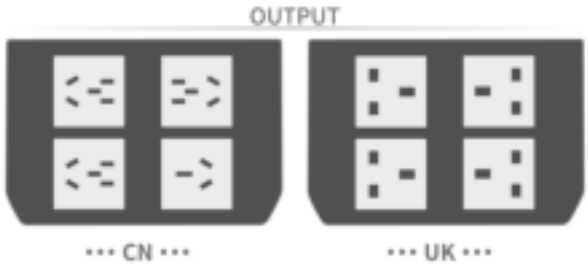
Customer Service for assistance.

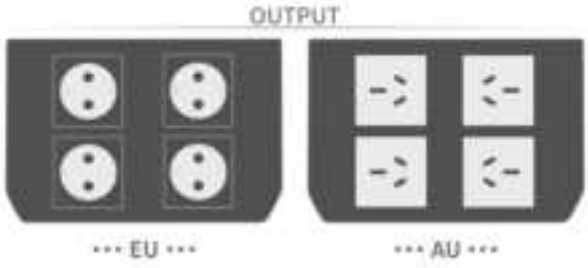
Accessory List

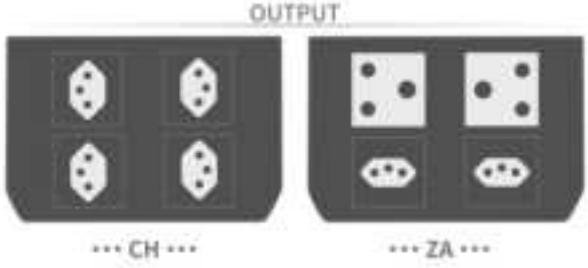
View More →

AC Socket Types by Version









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