EcoFlow Delta 3 Classic 1kWh Σταθμός παραγωγής ενέργειας

ECOFLOW · EAN 4895251655323

Machine translation from Polski. In case of doubt the manufacturer's original document prevails.

Information about this user manual

This user manual contains an introduction to the power station and detailed information about its operation, management, and maintenance. Please note that this user manual may be updated without prior notice. The availability of certain accessories and features described in this user manual may vary by country or region. All illustrations included in this user manual are for reference only. Please refer to the actual product received. The following examples are based on the American version of the EcoFlow DELTA 3 Classic. If you intend to read this manual in PDF format, please use the online version available on the EcoFlow Support website, as it is optimized for screen display and contains the latest updates.

Overview

The EcoFlow DELTA 3 Classic (hereinafter referred to as "DELTA 3 Classic" or "power station") is a power station with a $LiFePO_4$ battery capacity of 1024 Wh. It has multiple outputs, including standard AC ports, USB-A ports, and USB-C ports to support various devices and equipment. The variety of charging options allows for easy switching between available methods depending on actual needs.

Appearance

1 Power button [1]

Turning power on/off

• Press the button once to turn on the power station. Press and hold the button for 2 seconds to turn it off.

Turning the display on/off

• Once the power station is turned on, press once to turn the display on or off.

Resetting IoT connections

• When the power station is off, press and hold the button until the startup animation appears twice on the screen to reset Bluetooth and Wi-Fi connections.

2 USB-C output ports

Power for charging phones, laptops, gaming consoles, or other devices.

3 AC output control button[2]

Press the button once to turn the AC power output on or off.

4 Display

Displays operational status.

5 USB-A output port

Power for charging phones, laptops, gaming consoles, or other devices.

6 AC output ports

Power for AC devices (household appliances or other equipment). The appearance and specifications of AC output and input ports may vary depending on local standards.

7 Ventilation hole

Dissipates internal heat.

8 AC charging input port

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

9 Solar/vehicle charging input port

Connection of the power station to photovoltaic panels or a vehicle power source (cigarette lighter socket or onboard charger) for charging.

Power button [1]

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

AC output control button [2]

The indicator on the output control button will flash white upon detecting an abnormal power output. Try the following steps to turn it back on: Press the button again. Disconnect and reconnect the power cable of the device(s). Update the power station's software using the EcoFlow app.

Display

Icons may be updated to improve user comfort. 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

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 resolving the issue, immediately stop using the power station. Do not attempt to charge or discharge.

Error icons

6,7 USB-C charging output overload

Disconnect overloaded devices and restart the product to resume normal operation.

6,8 USB-A charging output overload

Disconnect overloaded devices and restart the product to resume normal operation.

1,2,3 Over-temperature protection during charging

Charging will automatically resume after the battery cools down.

2,3 Over-temperature protection during discharging

Power will automatically resume after the battery cools down.

1,2,4 Low-temperature protection during charging

Charging will automatically resume when the battery temperature rises above 5°C.

2,4 Low-temperature protection during discharging

Power will automatically resume when the battery temperature rises above -12°C.

6,9 AC output overload

Disconnect overloaded devices and restart the product to resume normal operation.

The total power of connected electrical devices must not exceed the rated power (refer to the introduction to the X-Boost function to know the power limit for electrical devices in X-Boost mode). 3.9 High AC output temperature Ensure that the air inlet and outlet of the product are not blocked. Normal operation will resume automatically after the temperature decreases. 4.9 Low AC output temperature Normal operation will resume automatically after the product warms up. 5 Blocked fan Check if the fan is blocked by foreign objects. 2 Battery failure Contact EcoFlow customer service. Starting operation Power on/off Power on Press the button once to turn on the power station. Power off Press and hold the button for 2 seconds to turn it off. Turning the screen on/off Once the power station is on, press once to turn the display on or off. 1. The power station cannot be turned off using the main power button when it has a charging input connected. First, disconnect the charging cable. 2. If you still cannot turn off the power station, disconnect the Bluetooth connection from other devices (e.g., generator) and try again. Control via the EcoFlow app EcoFlow offers a companion app to manage the device. The mobile app allows: Comprehensive control of EcoFlow devices from anywhere. Convenient real-time monitoring of energy consumption. Personalizing your own energy consumption plans with a range of configurable options. Instant receipt of firmware updates and troubleshooting in the app. Scan the QR code or download it at:

https://download.ecoflow.com/app Linking devices and configuring the Internet After successfully registering your EcoFlow account, you need to link EcoFlow devices to it to ensure remote access to device settings. To link a new EcoFlow device to your account: 1. Go to the EcoFlow app and log in to your EcoFlow account. 2. Tap the Add Device button or the icon in the upper right corner to search for new EcoFlow devices. 3. Select your EcoFlow device and follow the on-screen instructions to complete the device linking and Wi-Fi configuration. Cannot detect 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: when the power station is off, press and hold the main power button for at least 5 seconds after the screen turns on to reset all Bluetooth and Wi-Fi connections. 3. Power on and try again: 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 linked EcoFlow devices on your phone. The power station supports Wi-Fi and Bluetooth connections, adapting to various network conditions to provide convenient access to device settings. With an internet connection In the case of a stable Wi-Fi network, you can access device settings over the Internet. Using this method is always recommended as it allows the EcoFlow device to receive firmware updates and push notifications. Without an internet connection In the case of limited Wi-Fi connectivity, you can manage the power station locally using Bluetooth. Powering devices Press the AC output control button once to turn on the power. Connect your electrical devices to the appropriate power outlets. Through USB output ports The USB output ports of the power station support the following charging protocols. USB-C 100 W PD3.0/QC3.0/UFCS USB-C 30 W PD3.0/QC3.0 USB-A (fast charging) QC3.0 It is recommended to charge electronic devices using a compatible USB charging cable. Maximum output power may not be available if the cable or device does not support the appropriate protocol. Through AC output ports AC power timeout tip The AC output port of the power station will automatically turn off after a specified period of inactivity. This feature may be triggered when the power station is connected to loads operating in intermittent mode, such as refrigerators or air conditioners. If you need continuous power for your device, for example, when storing medications, vaccines, or other valuable items in the refrigerator, set the AC timeout interval of the power station to "never" in the EcoFlow app. Additionally, regularly check the battery level of the power station.

Disable bypass output for network use

When powering devices in bypass mode, instability in the mains power supply may cause

improper operation or damage to the device. Enable this setting in the EcoFlow app for devices requiring high-quality output power, such as speakers, to use only AC output power from the power station. Bypass mode: When you are charging and discharging the device simultaneously (through the AC input and output ports), the device automatically activates bypass mode. Charging the power station

From a wall outlet

Connect the AC input port of the power station to a wall outlet using the supplied AC charging cable. The input port supports a maximum charging power of 1400 W, and the charging speed can be set in the EcoFlow app. From solar panels

The XT60i input ports of the power station support both solar and car charging. Here is a basic principle to help check the configuration when connecting solar panels to charge the power station:

1. Connect this port to the solar panels using a solar charging cable with an EcoFlow XT60i connector (sold separately).
2. Ensure that the total Voc voltage (open circuit voltage) of the solar panels is within the range of 60 V, and the total Isc current (short circuit current) is within the range of 15 A to avoid damaging the product.
3. For series or parallel connections, refer to the solar panel manual for more details.

Tips

Solar charging will be prioritized by default when both AC and solar inputs are connected. Additional power will be supplemented by the AC input if the solar power is insufficient. Detailed charging data can be found on the device's home page in the EcoFlow app. From the car cigarette lighter

The XT60i input port of the power station supports both solar and car charging. Connect the car charging input port of the power station to the vehicle's cigarette lighter socket using the EcoFlow car charging cable. Purchase the EcoFlow car charging cable separately. To avoid issues with starting the car due to insufficient charge of the car battery, connect the charging cable only after starting the car engine. Additionally, ensure that the car charging cable is properly connected to the cigarette lighter socket. From a generator

Through the AC input port

Connect the AC input port of the power station to the generator using the supplied AC charging cable. From the EcoFlow car charger

Connect the power station to the output port of the portable EcoFlow car charger using an XT60 output cable. Advanced features

X-Boost: Powering high-wattage devices

X-Boost is an innovative technology available exclusively in EcoFlow power stations. It allows the power station to support devices with higher power demands than its rated output power. How to use this feature? The X-Boost feature is enabled by default. In the EcoFlow app, you can turn this feature off or on.

1. Connect a high-wattage device to the AC output port of the power station.
2. Open the EcoFlow app and log in to your EcoFlow account.
3. Turn the X-Boost feature on/off in the device settings.

What electrical devices does the X-Boost feature support? The X-Boost feature is more suitable for heating devices such as electric blankets, water heaters, or heat pumps. The X-Boost feature does not support devices with voltage protection (such as precision instruments). Connecting such devices may cause them to stop functioning due to low voltage.

Note

The X-Boost feature is unavailable when the power station is connected to an AC power source (e.g., the power station is charging or operating in bypass mode).

※ Bypass mode: When you are charging and discharging the device simultaneously (through the AC input and output ports), the device automatically activates bypass mode.

Reference data: Power with X-Boost

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

Uninterruptible power supply (UPS): Protection for essential devices

A UPS is a device or system that provides continuous backup power during power outages from the grid. You can use the power station as a UPS to power essential household devices. The power station operates as a UPS backup power supply with a switching time of 10 ms.

When a power outage occurs and the devices can no longer use mains power, the power station automatically switches to battery power for use by connected electrical devices.

Basic setup

1. Connect the power station to a wall outlet to access mains power.
2. Connect your electrical devices to this power station to ensure their continuous operation during a power outage. Note

In this configuration, the power station requires more input power from the grid than it provides to the connected loads, allowing it to use the surplus power to charge and maintain its batteries. Otherwise, the power station cannot function as a UPS, as its batteries will not maintain a charge. Storage and maintenance

Storage

1. The device should be stored at a temperature between -10°C and 45°C. The recommended approximate temperature range for maintaining good battery condition is between 0°C and 30°C.
2. The product should be stored in a dry, cool, and well-ventilated place that is safe and reduces the risk of falling.
3. Ensure that the device is stored away from water sources, heat sources, strong magnetic fields, environments with corrosive gases, and any flammable or explosive substances.
4. For long-term storage, the product should be charged and discharged once every 3 months (fully charge, then discharge to 60% for storage) to keep the battery in good condition. Note

Do not leave the device uncharged or unused for more than 6 months; otherwise, the warranty will be voided. Cleaning

Use a soft, dry cloth for wiping and cleaning the product. Maintaining good battery condition

1. Avoid leaving the product unused for extended periods.
2. Charge and discharge the product every 3 months to extend its lifespan. Safety instructions and compliance

Disclaimer

Before using the product, please read its documentation and ensure that it is fully understood. After reading the document, keep it for future reference. Improper use of this product may result in serious bodily injury to the user or others, as well as damage to the product and loss of property. Starting to use this product is equivalent to understanding, approving, and accepting all terms and contents contained in this document. EcoFlow is not responsible for any losses caused by using the product contrary to the documentation provided with it. In accordance with the law and regulations, EcoFlow reserves the right to the final interpretation of this document and all documents related to the product. This document may be subject to changes (updates, corrections, or withdrawals) without prior notice. The latest product information can be found on EcoFlow's official website: https://www.ecoflow.com/. Operation

1. Do not disassemble, repair, or modify this product on your own. For maintenance or service, please contact EcoFlow customer service.

2. Before performing any service or maintenance activities, always disconnect the product from all external power sources.
3. To reduce the risk of damage to the plug and power cord, pull on the plug when disconnecting the product, not on the cord.
4. Do not puncture the product with sharp objects.
5. Do not insert fingers or hands into the product.
6. To prevent short circuits, do not insert any wires or other metal objects inside the product casing.
7. Do not block or restrict the heat dissipation system while the product is in operation.
8. Do not use any unauthorized or unapproved components or accessories. For spare parts, please contact EcoFlow for further assistance.
9. Do not use this product if the cord, plug, or any output cable is damaged.
10. Do not place any heavy objects on the product.
11. The product should be placed on a stable and flat surface. Do not allow the product to fall or tip over, as this may cause damage to the device or bodily injury.
12. Use a soft, dry cloth for wiping and cleaning the product.
13. AC power timeout tip: the AC output port of the power station will automatically turn off after a specified period of inactivity. This feature may be triggered when the power station is connected to loads operating in intermittent mode, such as refrigerators or air conditioners.

In order to ensure continuous power supply for critical applications, such as storing medications, vaccines, perishable products, or other valuable items in a refrigerator, in the EcoFlow app, you should select the "never" option for the AC power supply time limit of the station. Additionally, you should regularly check the battery level of the power station. 14. Limitation for medical equipment: the product is not intended to power life-supporting medical equipment, such as medical-grade ventilators (medical devices for maintaining continuous positive airway pressure CPAP, Continuous Positive Airway Pressure) or artificial lungs for extracorporeal membrane oxygenation (ECMO, Extracorporeal Membrane Oxygenation). If the product is to be used to power other medical equipment, you should first consult the equipment manufacturer to ensure that there are no restrictions regarding the use of an external power source with this equipment. 15. Interference with medical equipment operation: while using the device, the power supply will generate electromagnetic fields that may affect the normal operation of medical implants or personal medical equipment, such as pacemakers, cochlear implants, hearing aids, defibrillators, etc. If you are using this type of medical equipment, you should contact its manufacturer for

information on any restrictions regarding its use. These actions are essential to ensure a safe distance between implanted medical devices (such as pacemakers, cochlear implants, hearing aids, cardioverter-defibrillators, etc.) and this product during its use. 16. The plug of the charging cable included in the kit is a disconnecting device, and the wall outlet to which it is connected must be easily accessible and well grounded. 17. Electrical devices connected to this product must meet local certification requirements, and Type C ports are only allowed for devices with fire-resistant enclosures. 18. Risk of electric shock: never use the product to power power tools intended for cutting or accessing parts or wires under voltage or materials that may contain parts or wires under voltage, such as building walls, etc. 19. Use in a repair workshop: when using in a repair facility, such as a vehicle repair center, workshop, or other place where repairs are conducted, do not place the product on the floor or at a height less than 457 mm above the floor. 20. GROUNDING INSTRUCTIONS: this product must be grounded. In the event of malfunction or failure, grounding provides a path of least resistance for electric current, which helps reduce the risk of electric shock. For user safety, EcoFlow provides a power cord with a grounding wire and a plug with a grounding contact. The plug must be connected to an outlet that is properly installed and grounded in accordance with all local codes and regulations. 21. WARNING – improper connection of the grounding wire may result in the risk of electric shock. In the event of the following situations, instead of modifying the plug supplied with the product, consult a qualified electrician: uncertainty about the proper grounding of the product; the plug supplied with the product does not fit the outlet. Storage 1. When using and storing the product, you must adhere to the ambient temperature requirements specified in the product specifications. Avoid damaging the product or posing a personal safety hazard due to excessively high or low temperatures. 2. Do not use the product near heat sources, such as fire or heating appliances. 3. Do not expose the product to moisture or immerse it in any liquid. When using the product in a humid environment, such as rainy areas or places near water, protect it using a waterproof bag. 4. Do not use the product in an environment with strong static electricity or strong magnetic fields. 5. The product should be kept out of the reach of children and pets. If the product is to be used near children, ensure that they are under strict supervision. 6. The product should be kept away from fumes, smoke, steam, and dust. 7. The product should be stored in an organized, dry, and well-ventilated place. 8. Do not transport the product by airplane. 9. Do not expose the product to strong impacts, vibrations, or falls. In emergency situations 1. In an emergency, before touching the product, take precautions to protect against electric shock, e.g.

1. Put on insulating gloves. 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, water-protected, 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 away from contact until it is completely dry. After drying, the product should not be reused and must be disposed of properly according to local regulations. 4. In the event of the product catching fire, we recommend using extinguishing agents in the following order: water or water mist, sand, fire blanket, powder extinguisher, and finally snow extinguisher. 5. If the product is overturned and severely damaged, put on insulating gloves to turn it off, then place the product in an open area away from flammable materials and places where people gather, and dispose of it according to local regulations. Recycling and disposal 1. A severely damaged, malfunctioning product or one with a depleted battery must be disposed of or recycled properly. 2. The product contains batteries. The product must be disposed of according to local regulations regarding the disposal and recycling of batteries and accumulators. Do not throw it away with household waste to avoid environmental contamination and safety hazards. 3. If possible, before disposing of the product, ensure that the battery is completely discharged (to 0% capacity). If this is not possible, do not place the battery directly in the battery and accumulator recycling container. Instead, contact a professional battery and accumulator recycling company for information on proper handling. Technical specifications General information Model EF-DL3-C Net weight Approx. 12.1 kg (27.6 lbs) Dimensions (W × D × H) Approx. 398 × 200 × 283 mm (15.6 × 7.8 × 11.2 in.) EU Wi-Fi (2.4 G) Frequency: 2412–2472 MHz, 2422–2462 MHz Max. output power: < 18.24 dBm EU Bluetooth Frequency: 2402–2480 MHz Max. output power: < 20 dBm Operating altitude < 3000 m (9842 ft) Protection category II Surge protection Pollution degree 2 Output AC output socket Pure sine wave, total 1800 W, peak 3600 W US/CA: 120 V ~ (discharge only) CN/KR: 220 V ~ EU/UK/AU/CH/ZA: 230 V ~ JP: 100 V~ (total 1500 W, peak 3000 W) Output port DC (USB-A) 5V⎓ 3A, 9V⎓ 2A, 12V⎓ 1.5A, 18W Max Output port DC (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~50/60Hz 1400W Max CN/UK/EU/AU/CH/ZA/KR: 220-240V~50/60Hz 1400W Max Input port DC (XT60) Solar input: 11-60V⎓ 15A, 500W Max Car input: 12V⎓ 8A 96W Max Battery information Rated capacity 1024 Wh (51.2V⎓ 20Ah) Cell type LFP ($LiFePO_4$) Protection type overvoltage protection, overload protection, over-temperature protection, short-circuit protection, low-temperature protection, low-voltage protection, overcurrent protection Ambient temperature Optimal operating temperature 20°C-30°C (68°F-86°F) Charging temperature 0°C-45°C (32°F-113°F) Discharging 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) Attachment Package contents 1. EcoFlow DELTA 3 Classic portable power station ×1 2. AC charging cable ×1 3. Instructions and warranty card If any item is damaged or missing, please contact EcoFlow customer service for assistance. Types of AC sockets by version Copyright © 2026 EcoFlow. All Rights Reserved. This document is a translation of the original user manual created by the manufacturer. Detailed information about the distributor/manufacturer warranty conditions is available on the website https://serwis.innpro.pl/gwarancja The product must be regularly maintained (cleaned) by the user or through specialized service points at the user's cost and responsibility. In the absence of information about necessary periodic or service maintenance actions in the user manual, the user should regularly, at least once a week, assess the physical condition of the product against that of a physically new product. If any discrepancies are detected or identified, urgent maintenance (cleaning) or service actions should be taken.

Lack of proper maintenance (cleaning) and response upon detecting an abnormal condition may lead to permanent damage to the product. The warranty does not cover damages resulting from negligence. Warnings and safety information All information regarding the use of the product can be found in the user manual. Before you start using it, familiarize yourself with its content and follow the instructions contained within. Before use, also review the following information: Usage warnings Risk of device damage: • Do not use the power station if its casing, sockets, or cables are damaged. • Avoid overloading the device – do not connect devices with a total power consumption exceeding the maximum capabilities of the power station. • Use only cables and accessories provided by the manufacturer or compliant with its recommendations. Risk to children: • Power stations are not intended for use by children. • Store the product in a place inaccessible to children to prevent accidental operation of the device or damage to the cables. • Do not allow children to play with cables, connectors, or the control app. Risk of overheating and fire: • Ensure adequate ventilation while the power station is in operation to avoid overheating the device. • Never cover the device or use it near flammable materials. • Do not leave the station in places exposed to very high temperatures. Risk of electric shock: • Never handle the device's cables, connectors, or sockets with wet hands. • Ensure that the devices being connected are compatible with the power station's specifications. Wireless connectivity Data protection: • If the power station connects to a mobile app, always use software provided by the manufacturer and downloaded from trusted sources. • Set a strong password for your user account and, if possible, enable two-factor authentication. • Regularly update the app and

device software to ensure protection against potential security threats. Access management: • Limit access to the power station to trusted users only. • In the control app, check the list of paired devices and remove those that should no longer have access. Information on proper usage Charging and operation: • Ensure that all connections are properly secured to avoid the risk of short circuits. • Charge the power station only at temperatures recommended by the manufacturer. Outdoor use: • Ensure that the device is protected from moisture, dust, and rain. • When using in conjunction with photovoltaic panels, ensure they are compatible with the station's specifications. Storage and transport: Store the device in a dry, cool place, away from direct sunlight, moisture, and flammable materials. Transport the power station in an upright position and in a suitable protective case to prevent mechanical damage. Additional precautions Service and maintenance: Regularly check the condition of the power station for visible damage, such as cracks, deformations, or signs of overheating. Do not disassemble or modify the station yourself. • In case of failure or damage, contact an authorized service center of the manufacturer – do not attempt to repair the device yourself. Safe disposal: Power stations contain batteries that must be disposed of in accordance with local electronic waste regulations. Do not throw the device in general waste – contact your local electrical equipment collection point. If you need additional information regarding the product, contact customer service (email: hurt@innpro.pl, website: https://innpro.pl/) or another specialist. SIMPLIFIED EU DECLARATION OF CONFORMITY EcoFlow Inc. hereby declares that the type of radio device EcoFlow Delta 3 Classic 1kWh power station is compliant with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following website: https://files.innpro.pl/ecoflow Manufacturer's address: RM 401, Plant #1, Runheng Industrial Zone, Fuyuanyi Road, Zhancheng Community, Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province, China Environmental protection Waste electrical and electronic equipment marked in accordance with the European Union directive must not be placed together with other municipal waste. It is subject to selective collection and recycling at designated points. By ensuring its proper disposal, you prevent potential negative consequences for the natural environment and human health.

The waste equipment collection system complies with locally applicable environmental protection regulations regarding waste disposal. Detailed information on this topic can be obtained at the municipal office, waste management facility, or the store where the product was purchased. The product meets the requirements of the so-called New Approach directives of the European Union (EU) concerning safety, health protection, and environmental protection, which define hazards that should be detected and eliminated.

Importer:

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Responsible entity in the EU: EcoFlow Europe s.r.o. Doubravice 110, 533 53 Pardubice, Czech Republic

support.eu@ecoflow.com

Battery information:

Type: LFP

Net weight: 6.35 kg

Capacity: 20000mAh

Power: 1.024kWh

Exceeded permissible cadmium content (0.002%) or lead (0.004%): no

Battery serial number: 40135 V3-DFD; 40135 V4c-PH