EcoFlow DELTA 3/DELTA 3 Plus_ User Manual

FAQ | EcoFlow App | After-sales Policy | Community

Tutorial Videos

- 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.
- All images displayed in this manual are for demonstrative purposes only. Please refer to the actual product received. The following examples are based on the US version.
- If you are reading this manual in PDF format, please note that you can access it online at EcoFlow Supportfor a better experience and the latest updates.

About this Manual

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Overview

Appearance

1	Main power button [1]	**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	AC output control button [2]	**AC output on/off:** Press the button once to enable or disable the corresponding power outputs. **Change AC operating frequency [3]:** Press and hold the button for 10 seconds to change the AC output frequency for practical usage purposes.
3	Display screen	Displays operating status.
4	USB-C output ports	• Supplies power to charge phones, laptops, game consoles, or other devices). • able to communicate with other devices.
5	AC output sockets	Supplies power to AC loads (household appliances or other equipment).
6	Heat Vent	Dissipates the internal heat.
7	USB output control button [2]	Press once to enable or disable the USB-C and USB-A output ports.
8	USB-A output ports	Supplies power to charge phones, laptops, game consoles, or other devices.

9	Solar/Car charging input port	Connect the power station to solar panels or a vehicle power source (cigarette lighter socket or on-board battery charger) for charging.
10	Extra battery port	**DC power supply:** Connect the power station to an EcoFlow smart device to supply power. **DC charging:** Connect the power station to an EcoFlow alternator charger, smart generator, or microinverter for charging. **Battery capacity expansion:** Connect the power station to an EcoFlow Smart Extra Battery to expand the battery capacity.
11	Protective cover	Protects against liquids and dust during long-term storage.
12	AC charging input port	Connects the power station to an AC power source (wall outlet or generator) for charging.
13	12V DC output control button [2]	Enables or disables the 12V DC output ports.
14	12V DC output port (cigarette lighter)	Supplies power to 12V DC loads (automotive refrigerators or other devices).
15	12V DC5521 output ports	Supplies power to 12V DC loads (routers, security cameras, effects pedals, or other devices).

Main power button [1]

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

AC/USB-C/12V DC output control button [2]

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

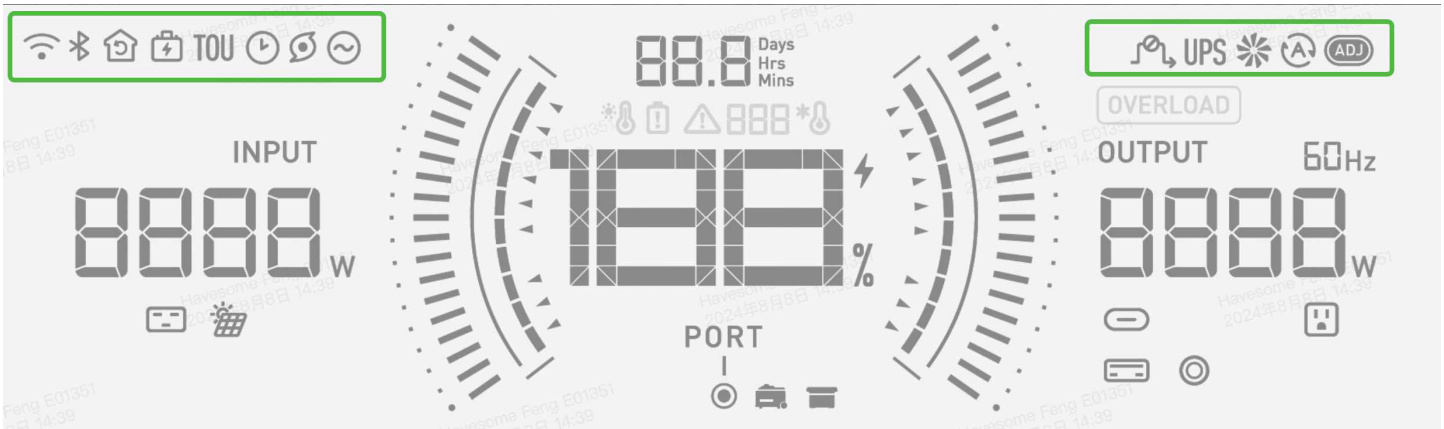
- Press the button again;
- Remove and re-plug the power cord of the appliance(s);
- Upgrade the power station’ s firmware via the EcoFlow app.

AC operating frequency [3]

Display Screen

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

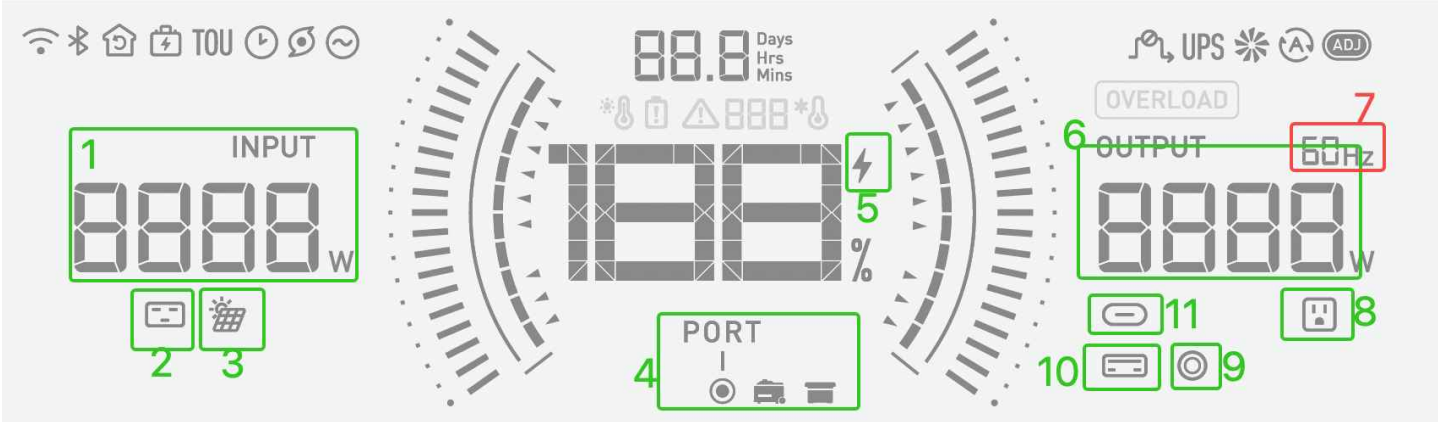
Function Bar



1	Wi-Fi	**On:** Wi-Fi connection successful.
		Flashing: Wi-Fi connected to the power station is not available.
		Off: Wi-Fi disconnected.
2	Bluetooth	**On:** Bluetooth connection successful.
		Flashing: Bluetooth pairing in progress.
		Off: ① Wi-Fi is connected and Bluetooth is disconnected as a result. ② Bluetooth is disconnected because the Bluetooth on your phone is turned off. ※ Please refer to the "Download EcoFlow App"chapter for more details.
3	Self-powered	**On:** Self-powered work mode is enabled in the EcoFlow app.
4	Backup Reserve	**On:** Backup Reserve level is set in the EcoFlow app.
5	TOU Mode	**On:** TOU (Time of use) mode is enabled in the EcoFlow app.
6	Scheduled Tasks	**On:** At least one scheduled task is configured in the EcoFlow app.
7	Storm Guard	**On:** The Storm Guard is on. Ensure the Wi-Fi is connected, and the power station is connected to grid power to quickly top-up.

		※ Scheduled AC charging and solar/car charging tasks are disabled under these conditions.
8	Output Port Memory	**On:** Output Port Memory is enabled. When the power station is turned off, undergoes a firmware upgrade, or reaches the discharging level, it stores the current output state before it powers down. Upon being turned on, completing the firmware upgrade, or exceeding the discharging level, it automatically restores all outputs. ※ The power station will not restore an output if that output port is automatically turned off due to its standby time or if it is manually turned off by pressing its corresponding control button.
9	Disable Grid Bypass	**On:** AC bypass output is disabled in the EcoFlow app. Now AC power will come from the power station instead of the grid even there's still AC input from the grid.
10	UPS Indicator	**On:** The UPS function is available/active.
11	Fan Status	**On:** The ventilation fan is running.
		Flashing: Abnormal fan status.
12	Generator Auto On/Off	**On:** The automatic start / stop of the connected generator has been set up in the EcoFlow app. This feature is only applicable to an EcoFlow Smart Generator connected to this power station via the Extra Battery port.
13	Adjustable Charging Speed	**On:** The AC charging speed has been set manually. The power station will be charged at the customized speed defined in the EcoFlow app.

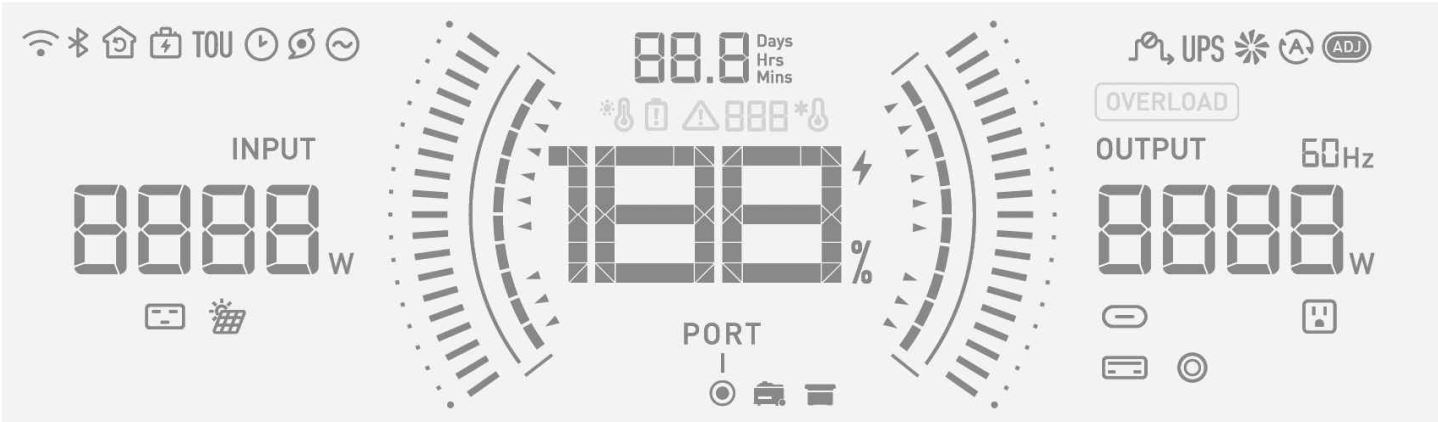
Power Input / Output Details



A port malfunction is detected when an input / output icon is flashing. Please check the EcoFlow in-app instructions for troubleshooting.

Name		Description
1	Total Input Power	**On:** Displays total input power.
2	AC Input Port	**On:** The port is physically connected and has power input.
3	Solar Input / Car Input	**On:** The port is physically connected and has power input.
		Flashing: 1. Indicates that low light protection has been triggered, or 2. Indicates overvoltage or undervoltage.
4	Charging Status	**On:** The power station is charging.
5	Total Output Power	**On:** Displays total output power.
6	Frequency	**On:** Displays operating AC power frequency (50 Hz / 60 Hz).
7	USB-C Output	**On:** The port is physically connected and has power output.
8	AC Output Socket	**On:** The AC output sockets are enabled.
9	USB-A Output	**On:** The port is physically connected and has power output.
10	12V DC Output	**On:** The Cigarette Lighter and DC5521 ports are enabled.
11	Extra Battery Input / Output	**On:** A compatible EcoFlow product (EcoFlow Smart Extra Battery, EcoFlow Smart Generator, etc) is connected via the Extra Battery port.

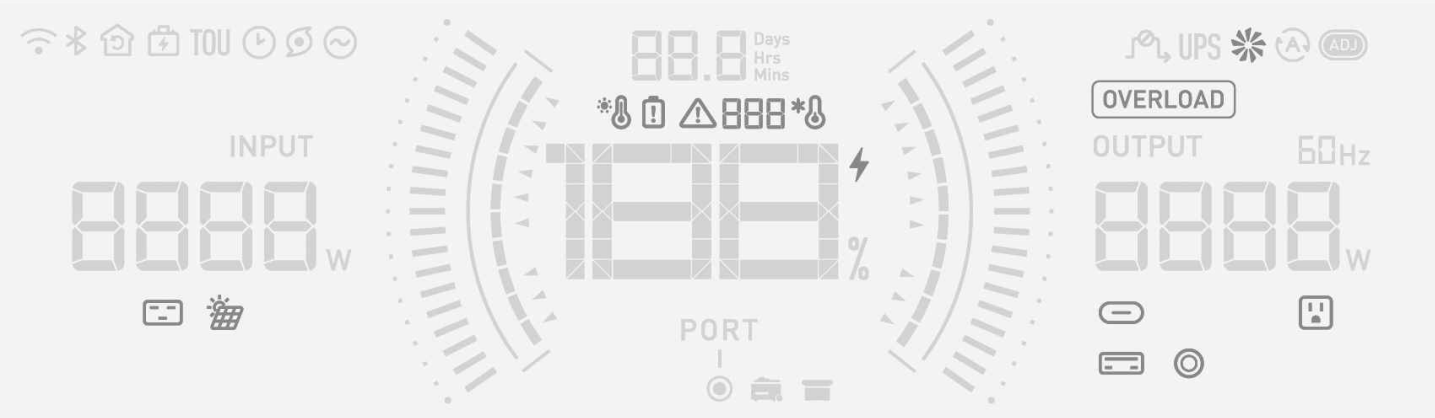
Battery Level Details



Name		Status	Description
	Battery Level	On	Displays current battery level.

	Remaining Charging / Discharging time	On	Displays the remaining charging or discharging time.
	Charging / Discharging Limit	On	The charging limit (green) or discharging limit (red) is set in the EcoFlow app.

Error Message



Name		Status	Description
	Error Code	On	An error has occurred. Check the EcoFlow in-app instructions for troubleshooting.
	Battery Error	Flashing	An error has occurred. Check the EcoFlow in-app instructions for troubleshooting.
	High Temperature Warning	Flashing	High temperature protection is triggered. Stop operation and place the power station in a location away from heat sources with good ventilation. The alarm will disappear once the power station temperature returns to normal operating levels.
	Low Temperature Warning	Flashing	Low temperature protection is triggered. Move the power station to a warmer location to ensure usage within the appropriate temperature range. The warning will disappear once the power station temperature returns to normal operating levels.
	Overload Warning	Flashing	Overload protection is triggered. Disconnect some devices from the power station to decrease the overall power output. The warning will disappear once the power output returns to its usual level.

※ If the error message does not disappear after troubleshooting, please stop using it immediately (do not try to charge or discharge).

※ For Error Codes not covered in the table, please visit the online user manual website or scan the QR code below to obtain the latest information:

https://manuals.ecoflow.com/product/delta-3

https://manuals.ecoflow.com/product/delta-3-plus

Get Started

Power On/Off

Power On: Press the button once to turn on the power station.

Power Off: 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.

※ The power station can't be turned off via the main power button when it has charging input. Please unplug the charging cable first.

Control via EcoFlow App

Control, monitor and customize your power station from afar with the EcoFlow App. Scan

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

Bind Device & Set Up Internet

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

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

https://www.ecoflow.com/policy/privacy-policy

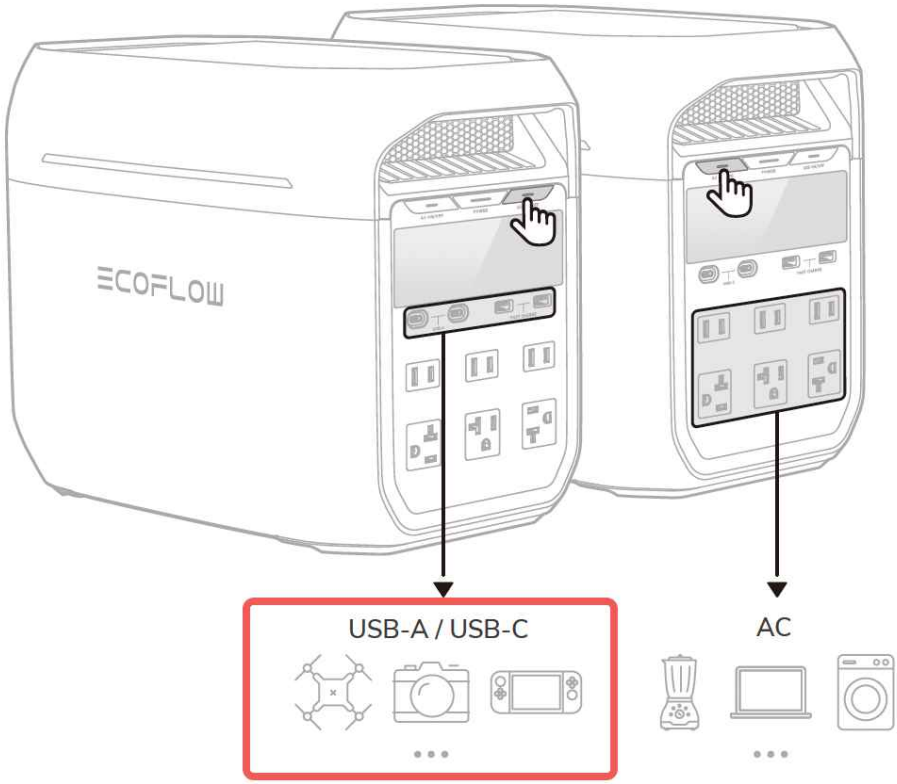
Power Your Appliances

1. Press the `USB/12V DC/AC output control button` once to enable the power supply.
2. Connect your appliances to the corresponding power outputs.

Via USB Output Ports

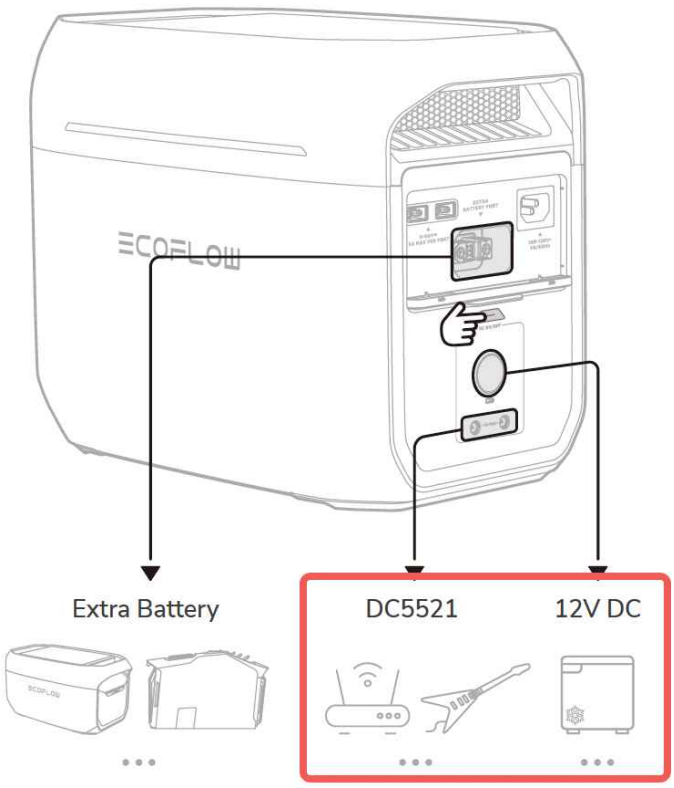
The USB output ports of the power station supports the following charging protocols.

	USB-C	USB-A
Charging Protocol	UFCS (36W) / PD3.1 / QC3.0	QC3.0



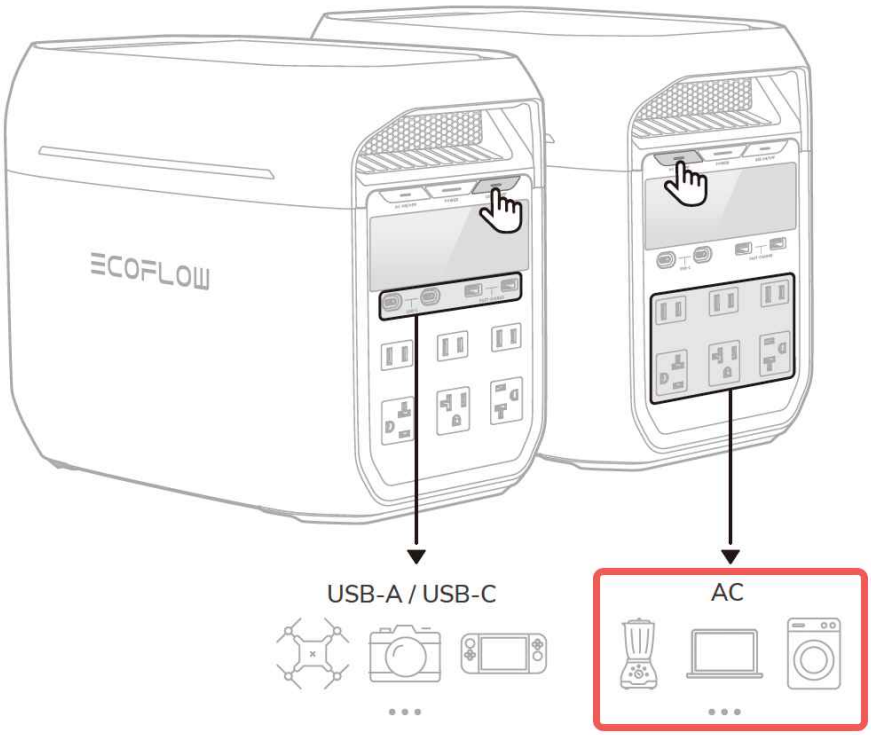
It is recommended to charge your electronic device using a compatible USB charging cable. The maximum output power may not be available if the cable or device does not support the corresponding protocol.

Via 12V DC Output Ports



When powering up your appliance using the cigarette lighter of the power station, please make sure that it can meet the appliance's instantaneous starting current / voltage requirements. Otherwise, the appliance may not be able to start normally (subject to actual testing).

Via AC Output Sockets

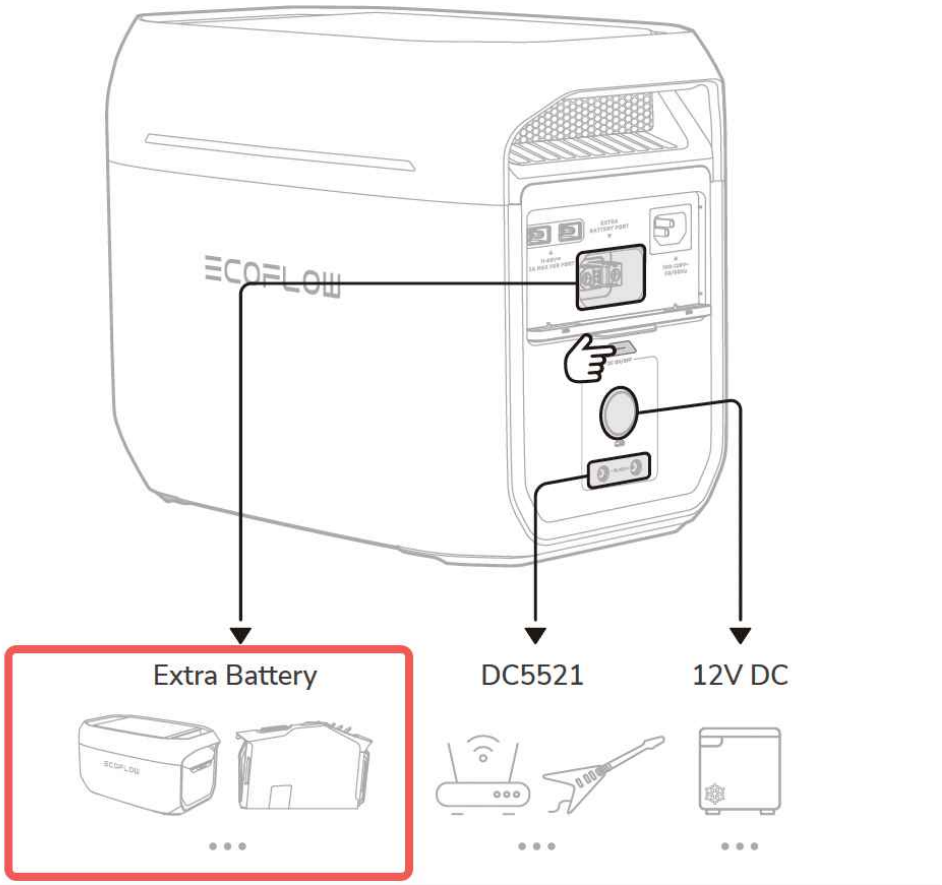


- **AC Operating Frequency:** Press and hold the button for 10 seconds to change the AC output frequency for practical usage purposes.
- **AC Timeout Tip:** The AC output socket of the power station will automatically turn off if the port is idle for a certain period. When the power station is connected 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.
- **Disable Grid Bypass Output:** When powering up appliances in bypass mode, the instability of grid power may cause the appliance to operate improperly or be damaged. Turn on this setting in the EcoFlow app for appliances requiring high-quality power output, such as speakers, use only the AC output power from the power station.
  ※ When you recharge and discharge the device(via AC input & output ports) simultaneously, the device enables bypass mode automatically.

Via Extra Battery Output Port(XT150)

After turning on the power station, connect your EcoFlow product (compatible with the power station and supports XT150 charging) to the extra battery output port using an EcoFlow extra battery cable (sold separately).

When charging an extra battery, make sure the power station is connected to a power source.



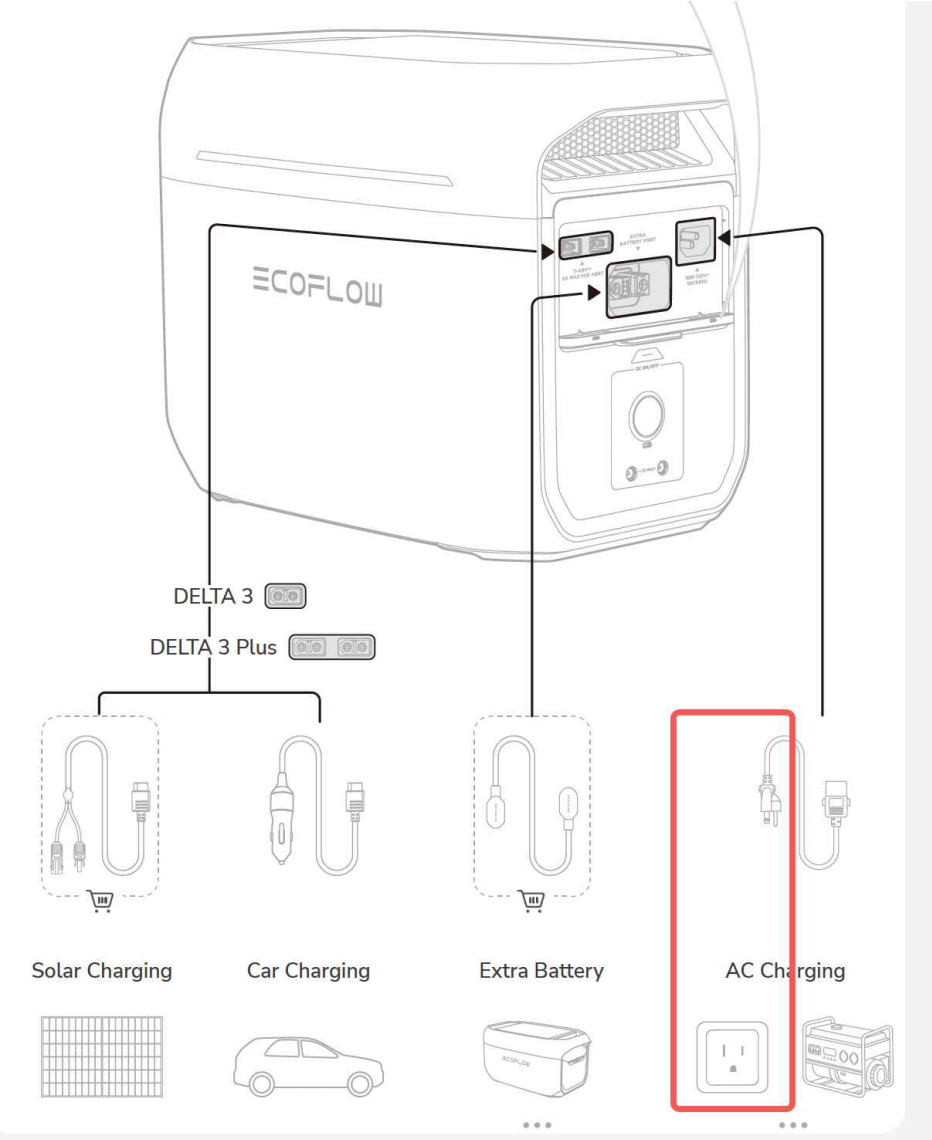
Recharge Your Power Station

- **Charging speed:** When connected to a compatible EcoFlow extra battery, the charging speed can reach up to approximately 2000W.
- **Charging priority:** You can charge the power station via the AC input port, XT60 input port, and the extra battery port (XT150). The unit supports simultaneous connection of multiple input sources, with the following charging priority:
  EcoFlow microinverter (via XT150 DC port) >
  Solar power (via XT60 DC port) >
  AC power (AC input port, including grid power and generator) >
  EcoFlow smart generator (via XT150 DC port) >
  EcoFlow alternator charger (via XT150 DC port)
  The above charging priority logic may be updated with product revisions. Clean and stable power sources are generally used by default.

From the Wall Outlet

Please connect the power station's `AC input port` to a wall outlet using the provided AC charging cable.

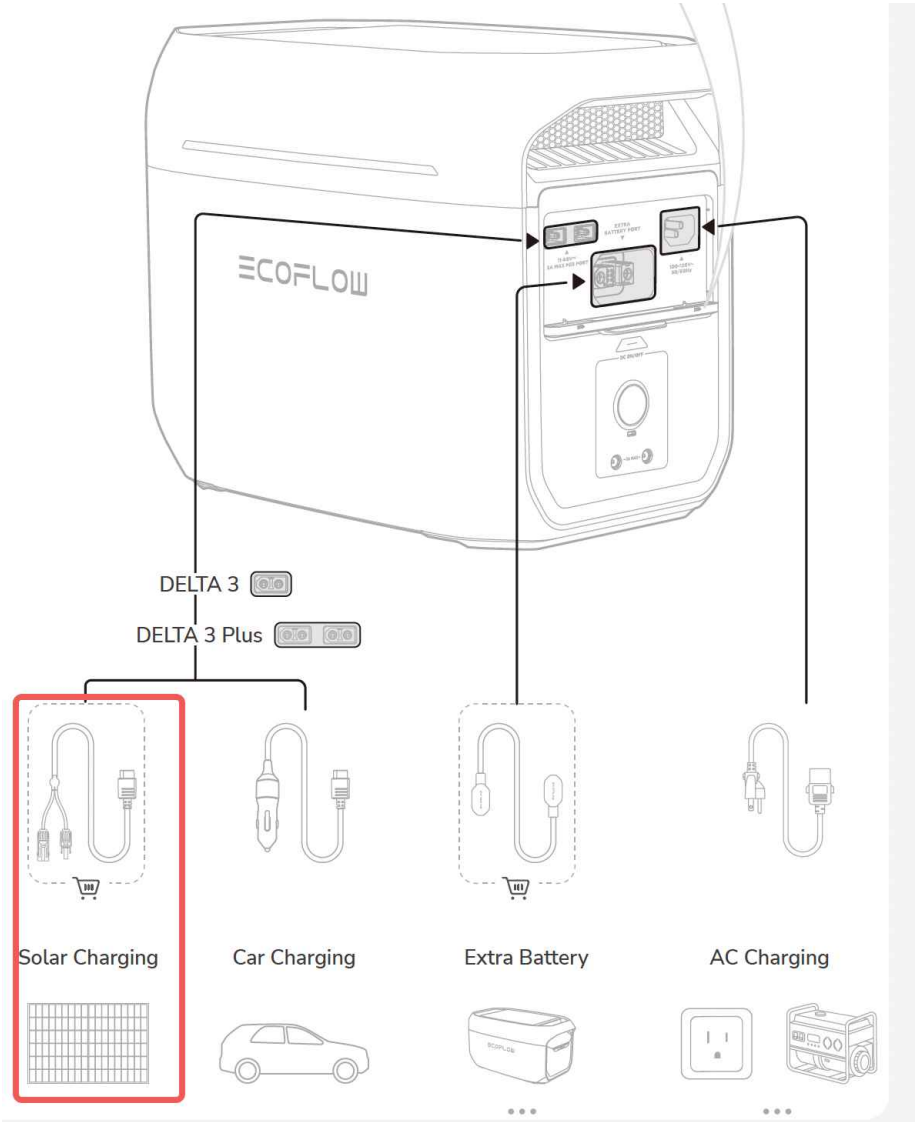
The input port supports a maximum charging power of 1500W. You can set the charging speed in the EcoFlow app.



From the Solar

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 solar panel(s) using an EcoFlow Solar to XT60i Charging Cable.
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.
3. For series or parallel connection, please refer to the solar panel's manual for more details.

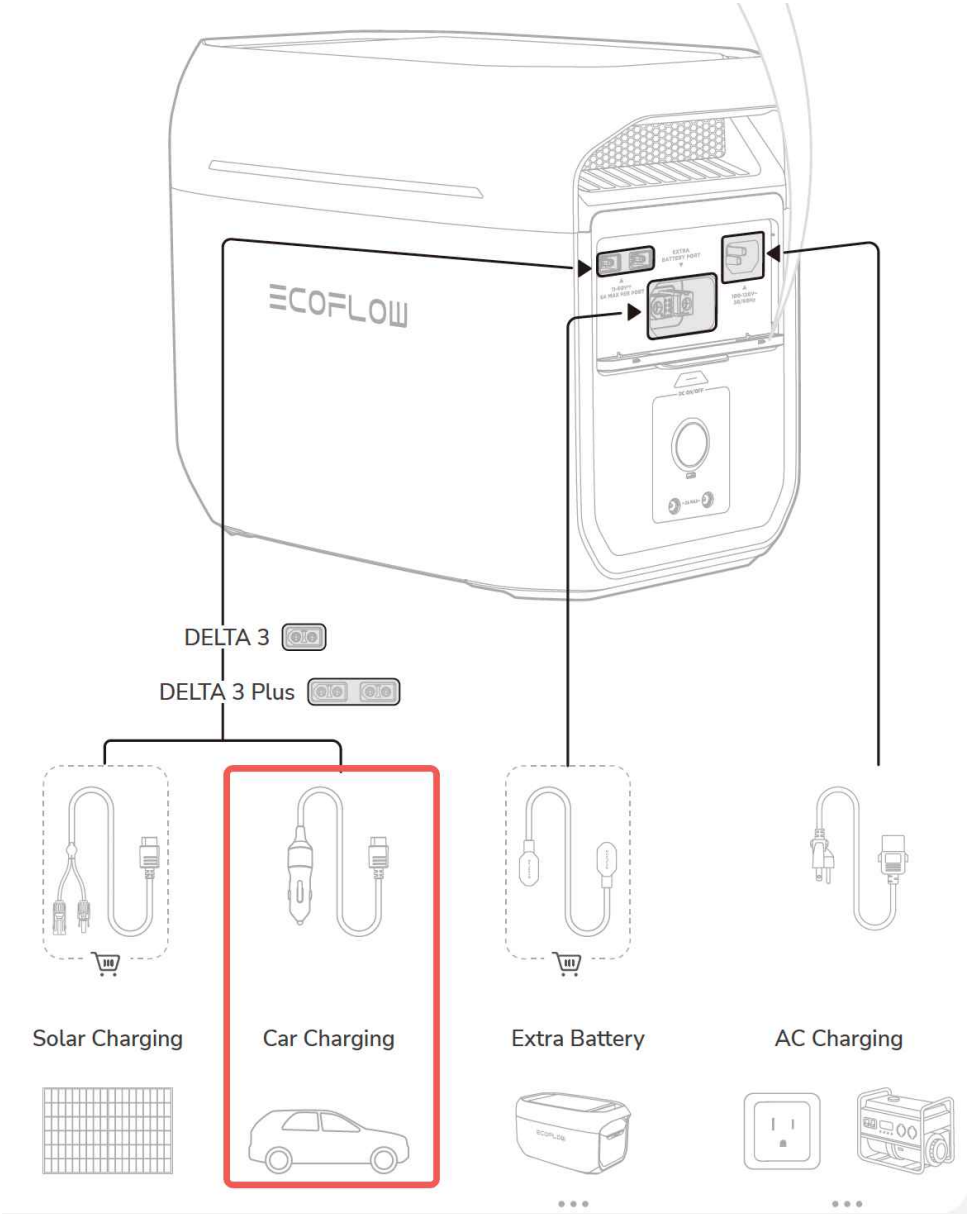


※ Solar charging will be prioritized by default when both AC and solar inputs are connected. Additional required power will be supplemented through the AC input if the solar power is insufficient. For detailed charging data, please refer to the device homepage in the EcoFlow App.

From the Car

The XT60i input port(s) 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 provided car charging cable.

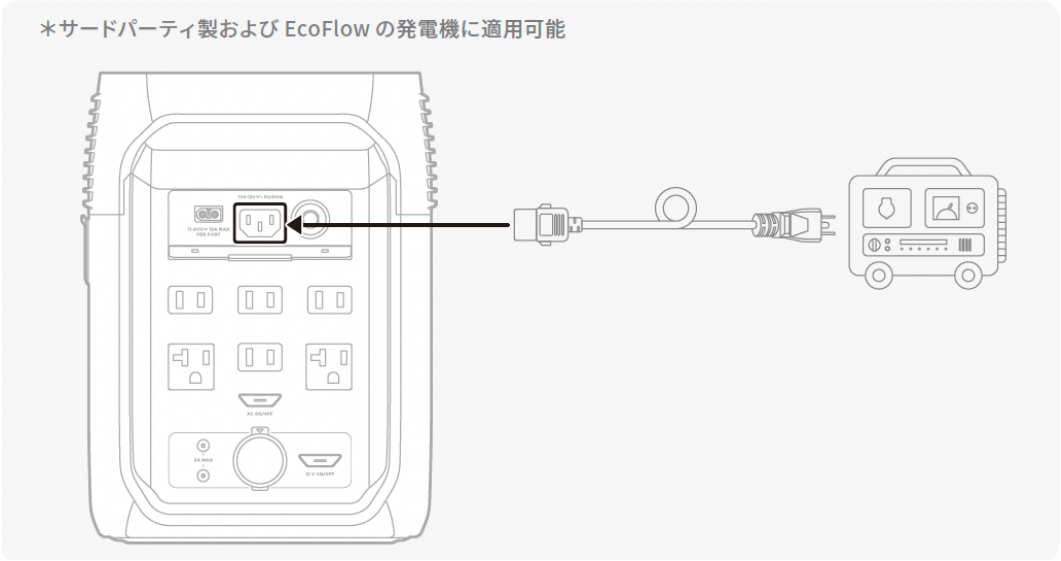


※ To avoid the start failure due to insufficient car battery, please connect the charging cable after the vehicle is started. In addition, please make sure that the cable is securely connected to the cigarette lighter.

From a Generator

Method 1: via the `AC Input Port`

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



Method 2: via the `Extra Battery Port` （Only Supports EcoFlow smart generators）

Connect the power station to an EcoFlow generator‘s XT150 port using the EcoFlow extra battery cable.

Advanced Features

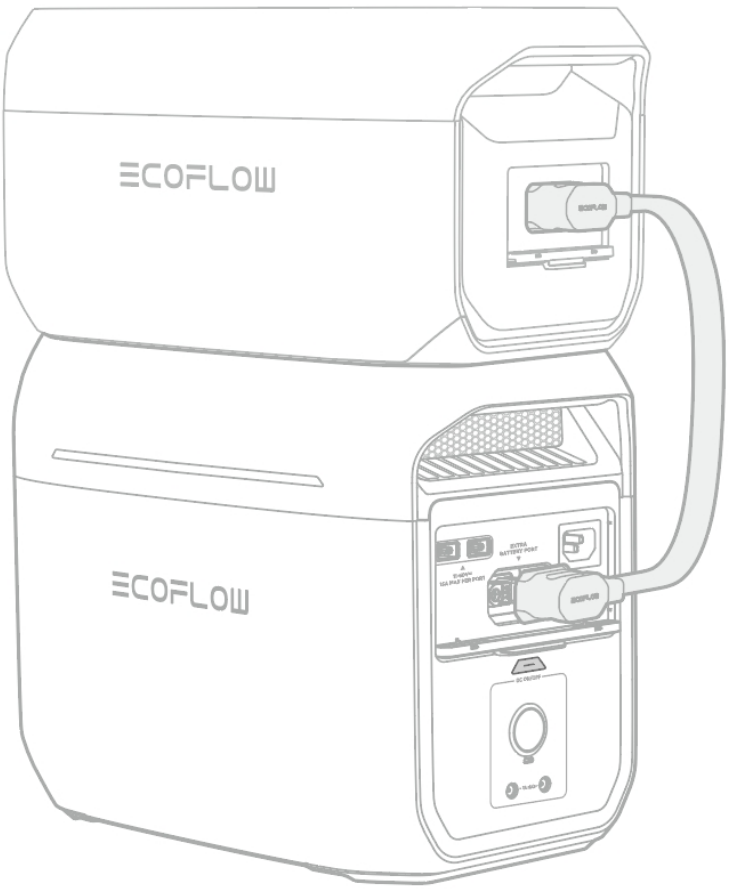
Expand Battery Capacity

If you frequently encounter power-intensive scenarios or require prolonged usage during power outages, you can proactively install extra battery capacity.

> 💡 Compatible extra battery models:
>
> EcoFlow DELTA 2 / EcoFlow DELTA 2 Max / EcoFlow DELTA Pro 3 smart extra battery.

※ Compatible models may be updated, please check the online user manual for the latest information.

1. Connect the extra battery to the power station's `Extra Battery port`.
2. The extra battery is considered successfully installed once the battery icon is displayed on the screen of the power station.

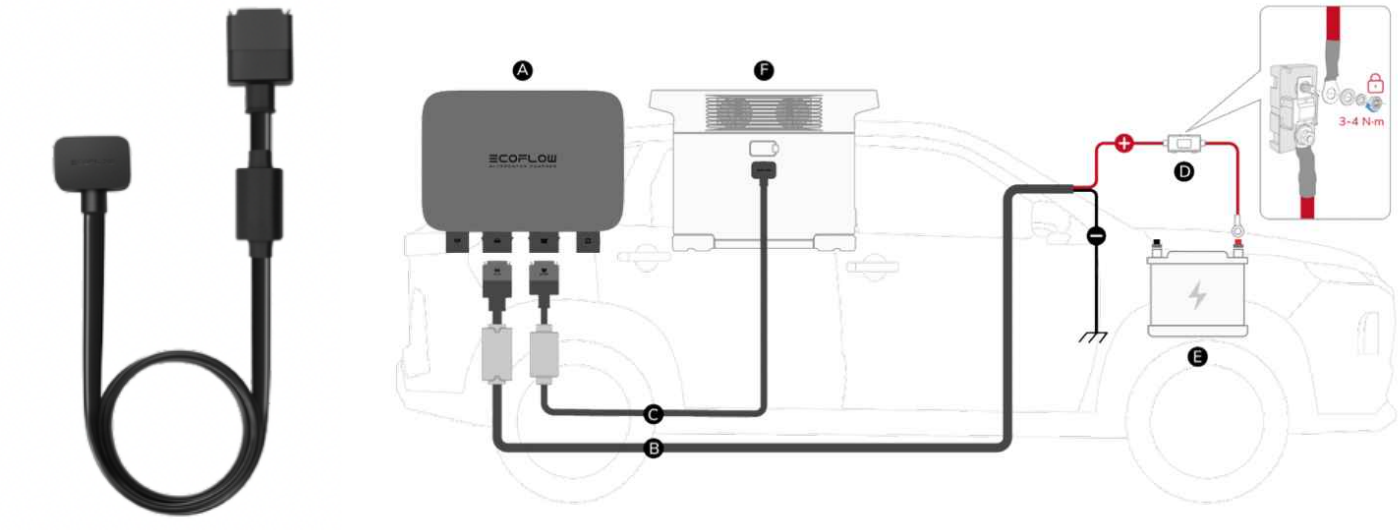


Automatic Energy Allocation

- **With EcoFlow Alternator Charger**

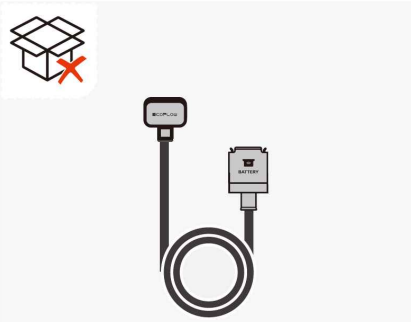
Connect the Output Cable from the Portable Power Station Port of the charger to the extra battery port of the power station or extra battery.

XT150 Output Cable (1m)

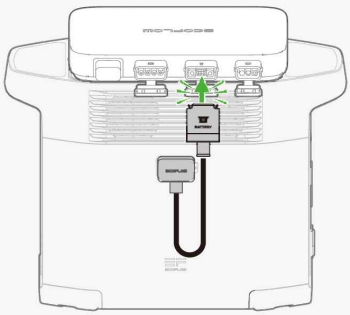


- **With EcoFlow Microinverter**

BKW-DELTA EB cable (sold separately)



BKW-DELTA EB cable



EcoFlow DELTA 2 series and DELTA Max series

X-Boost: Power the High-Wattage Appliances

X-Boost is an innovative technology exclusive to EcoFlow power stations. It can power devices rated at up to 2000W without incurring operation failure due to overload protection.

How do I use this feature?

X-Boost is disabled by default. You can adjust it in the device setting of EcoFlow App.

What kind of devices does X-Boost support?

- 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). If such devices are connected, they may stop working due to low voltage.

💡 Note: 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*).

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

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 power from the grid, the power station automatically transfers its battery power for use by connected appliances.

How do I use this feature?

1. Connect the power station to a wall outlet to access grid power.
2. Connect any appliances to this power station so the power station can provide them with power to operate during a power outage.

How to establish communication with an electronic device (DELTA 3 Plus only)

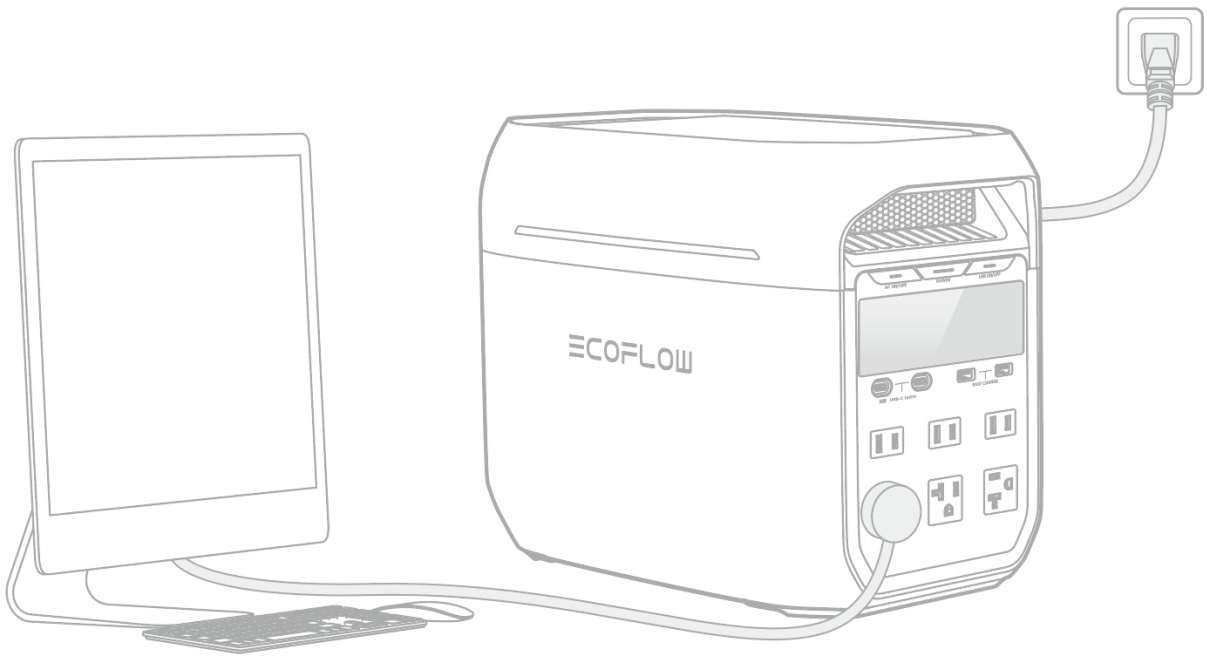
1. Make sure that the device (e.g. NAS device, PC host or laptop, etc.) supports UPS function;

2. Connect the USB-C output port of the power station to the USB port of the device with a data cable (supports USB2.0 protocol);

3. After successful connection, you can proceed with relevant settings on the device.

If there is any feature update, you can check the online user manual for more information.

https://manuals.ecoflow.com/product/delta-3-plus



💡 Note: In this setup, the power station requires more power input from the grid than it provides to any 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 have a charge. The total discharging power should not exceed 1500W.

Storage and Maintenance

Storage

Storage

※ Storage Temperature: 20°C-30°C (68°F-86°F).

※ Do not store the product in places where the temperature exceeds 113°F (45°C) or falls below 14°F (–10°C).

※ Store the product in a tidy, dry, and well-ventilated place.

※ Keep the product away from liquids, intense heat, and sharp objects.

※ For long-term storage of the product, follow these steps every 3 months to maintain battery health:

1. Discharge the product to 0% battery level.
2. Recharge the product to 60% battery level.

Note: the product will not be covered by the warranty if it is not charged or discharged for more than 6 months.

Maintenance

- **Cleaning**

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

- **Maintain Battery Health**

  Avoid leaving the product unused for extended periods of time.

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

Safety Instructions and Compliances

Disclaimer

Operation

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 with a damaged cord or plug, or a damaged output cable.
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.
12. Use a soft, dry cloth to wipe and clean the product.
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 these types of medical equipment are being used, please contact the 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 or live wirings, or materials that may contain live parts or live wirings inside, such as building walls, etc.
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 reduce the risk of electric shock. For your safety, EcoFlow provides a cord 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 electricity or magnetic fields.
5. Keep the product out of reach of children and pets. If the product is to be used near children, 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. The dried 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 blanket, dry powder, and finally a carbon dioxide fire extinguisher.
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.

FCC Compliance Statement

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user’ s authority to operate the equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm between the radiator & your body.

INDUSTRY CANADA COMPLIANCE

This device complies with Industry Canada licence-exempt RSS standard(s). 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-003(A)

IC RF Statement

When using the product, maintain a distance of 20 cm from the body to ensure compliance with RF exposure requirements.

AVIS DE CONFORMITÉ À LA RÉGLEMENTATION D’ INDUSTRIE CANADA

Français:
Cet appareil est conforme aux normes RSS sans licence d’ Industrie Canada. Son utilisation est soumise aux deux conditions suivantes :

(1) cet appareil ne doit pas causer d’ interférences nuisibles, et

(2) cet appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement indésirable.

Cet appareil numérique de classe A est conforme à la norme NMB-003 du Canada.

NMB-003(A)

Avis de conformité aux normes RF d’ Industrie Canada

lors de l’ utilisation du produit, veillez à maintenir une distance de 20 cm entre celui-ci et votre corps afin de respecter les exigences relatives à l’ exposition aux radiofréquences (RF).

Bluetooth

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by EcoFlow Inc. is under license. Other trademarks and trade names are those of their respective owners.

WEEE

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

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-compliance

FR: http://www.ecoflow.com/fr/eu-compliance

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

Technical Specifications

- DELTA 3

General	
Model	EF-DL-H10-3
Net. Weight	Approx. 12.5 kg (27.6 lbs)
Dimensions (W x D x H)	Approx. 202 × 397.6 × 283.6 mm (8.0 × 15.7 × 11.2 in.)
Wi-Fi (2.4G)	Frequency US/CA: Maximum output powerUS/CA:
Bluetooth	Frequency: Maximum output power:
Operating Altitude	< 2000 m (6562 ft)
Overvoltage Category	II
Pollution Degree	2
IP Rating	IP20 (Internal battery pack: IP65)
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～
DC Output Port (USB)	USB-A5V⊠2.4A / 9V⊠2A / 12V⊠1.5A, 18W Max per port, total 36W
	USB-C: 5V / 9V / 12V / 15V⊠3A Max, 20V⊠5A Max, 100W Max per port, total 200W
12V DC Output Port	Total 126W
	DC5521: 12.6V⊠3A / 3A
	Cigarette Lighter: 12.6V⊠10A
Input	
AC Input Socket	US/CA: 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 Max
Battery Info	
Rated Capacity	1024Wh (51.2V⊠20Ah)
Cell Chemistry	LFP (LiFePO4)
Cycle Life	80%+ capacity after 4000 cycles
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)

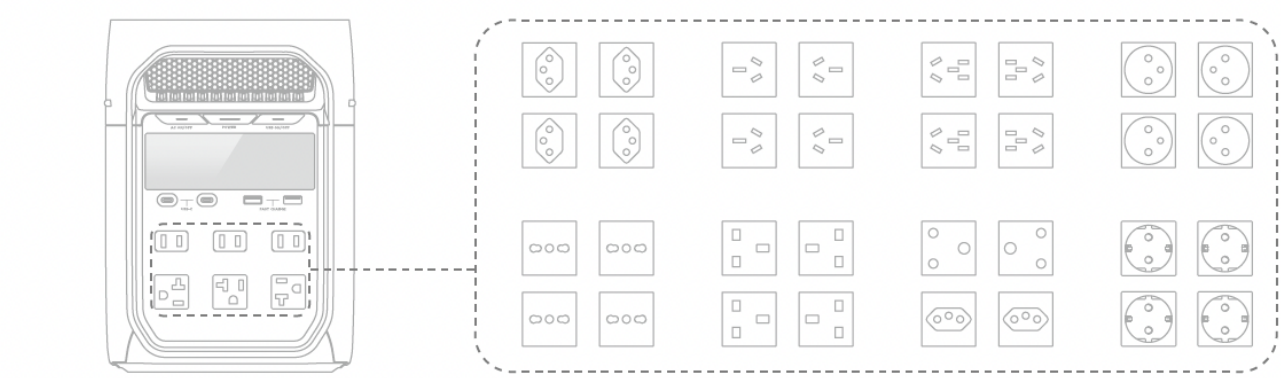
Discharge Temperature	–10°C to 45°C (14°F-113°F)
Storage Temperature	–10°C to 45°C (optimal: 20°C to 30°C) 14°F to 113°F (optimal: 68°F to 86°F)

- DELTA 3 Plus

General	
Model	EF-DL-H10-4
Net. Weight	Approx. 12.5 kg (27.6 lbs)
Dimensions (W x D x H)	Approx. 202 × 397.6 × 283.6 mm (8.0 × 15.7 × 11.2 in.)
Wi-Fi (2.4G)	Supported
Bluetooth	Supported
Operating Altitude	< 2000 m (6562 ft)
Overvoltage Category	II
Pollution Degree	2
IP Rating	IP20 (Internal battery pack: IP65)
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 ∼
DC Output Port (USB)	USB-A5V / 9V / 12V☒3A, 36W Max per port, total 72W
	USB-C: 5V / 9V / 12V / 15V☒3A Max, 20V / 28V☒5A Max, 140W Max per port, total 280W
12V DC Output Port	Total 126W
	DC5521: 12.6V☒3A / 3A
	Cigarette Lighter: 12.6V☒10A
Input	
AC Input Socket	US/CA: 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 per port, total 1000W
	Car Input: 12V☒8A Max
Battery Info	
Rated Capacity	1024Wh (51.2V☒20Ah)
Cell Chemistry	LFP (LiFePO4)
Cycle Life	80%+ capacity after 4000 cycles
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)

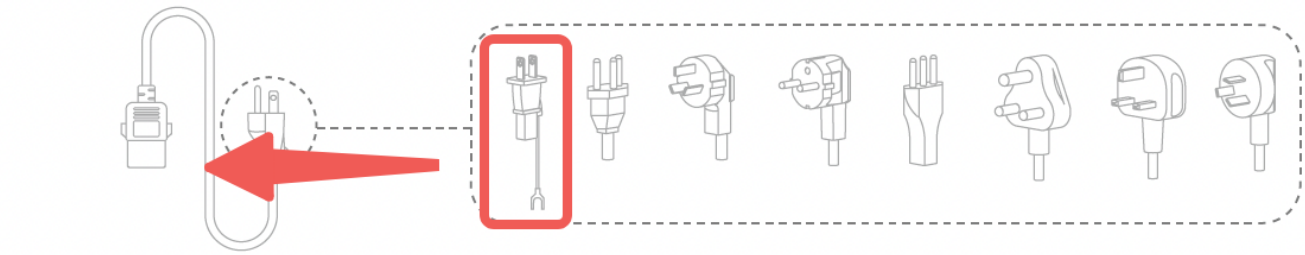
Appendix

What's in the Box

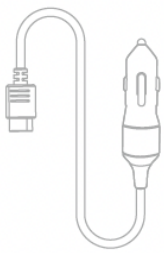


EcoFlow DELTA 3 / DELTA 3 Plus

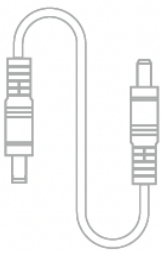
※ EcoFlow DELTA 3 / DELTA 3 Plus (hereinafter referred to as DELTA 3 / DELTA 3 Plus)



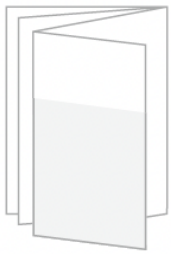
AC (1.5 m/4.9 ft)



12V DC (1.5 m/4.9 ft)



DC5521



Manuals