



Home » ECOFLOW » ECOFLOW Stream Ultra Combining Energy Storage and a Built In Micro Inverter Installation Guide 📆

Contents [hide]

- 1 ECOFLOW Stream Ultra Combining Energy Storage and a Built In Micro Inverter
- 2 Pre-Installation
- 3 Product Overview
- 4 Installation Preparation
- 5 Frequently Asked Questions
- 6 Documents / Resources
 - 6.1 References

ECOFLOW

ECOFLOW Stream Ultra Combining Energy Storage and a Built In Micro Inverter



• Model: EcoFlow STREAM Ultra / EcoFlow STREAM Pro

• Version: V1.0

Product Type: Power System

· Compatibility: Solar Panels, Grid Power

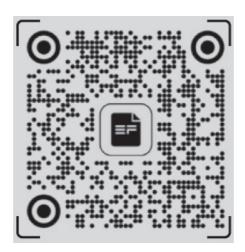
• Features: AC Outlets, Solar Panel Integration, Battery Backup

For more details, check the latest user manual or related documents at:

https://www.ecoflow.com/support/download

IMPORTANT

- Read all product documentation before use.
- Images are for demonstration only.

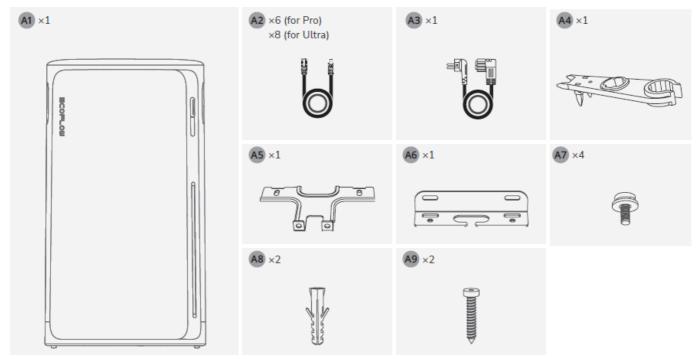


Pre-Installation

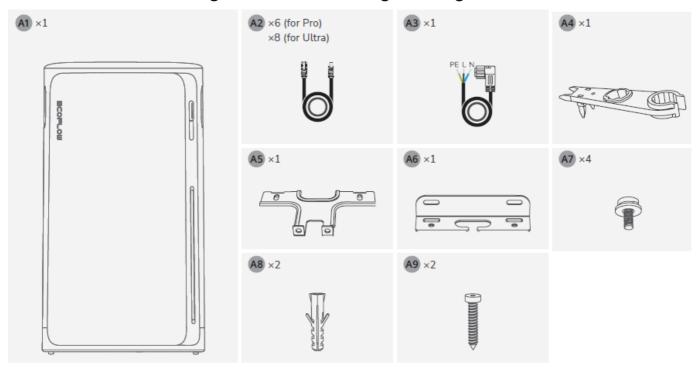
Check the Package Contents

- The AC outlet on the product and the AC power cable shown in this guide are for illustration purposes. The actual appearance may vary by sales region and product version.
- If any item is damaged or missing, contact EcoFlow Customer Service for assistance.

Standard Product Package for European Region



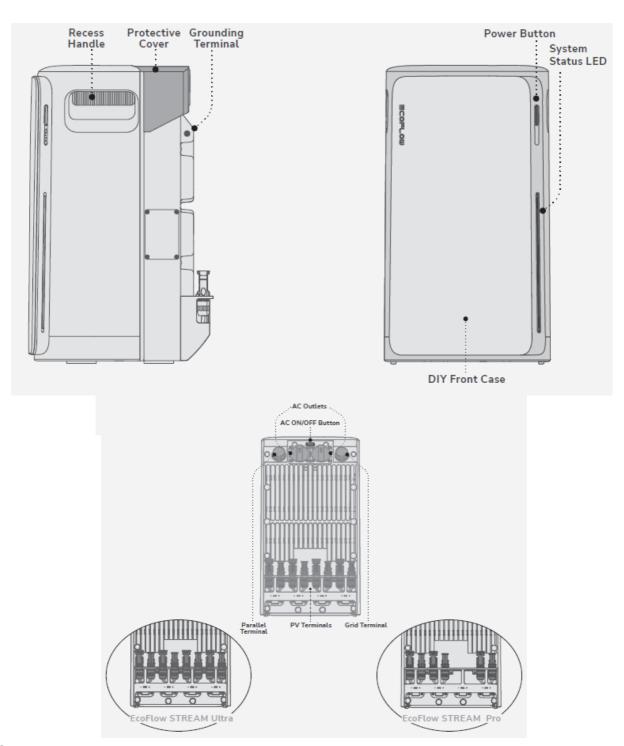
Standard Product Package for the United Kingdom Region



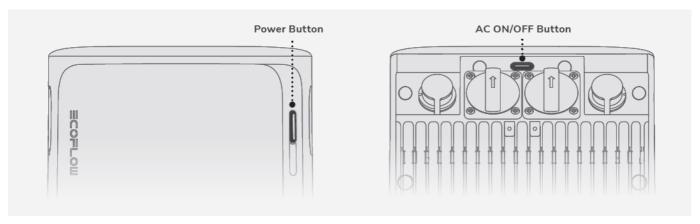
Product Overview

Appearance

- The actual appearance of the AC outlet and the AC power cable may vary by sales region and product version.
- The number of PV terminals varies depending on the product version. EcoFlow STREAM Ultra will be used for the demonstration.



Button



| Operation | | Description | Operation | | Description | |
|-----------|-------------|---|-----------|-------------|---------------------------------|--|
| ON | € 2s | Press and hold the button for 2 seconds to turn on the device. | AC ON | ™ ×1 | Press once to enable or disable | |
| OFF | 2 s | Press and hold the button for 2 seconds to turn off the device. If solar or grid power is present, disconnect the cables before powering off. | AC OFF | √m ×1 | the AC outlets. | |
| RESET IOT | √ ×5 | Press the button 5 times in quick succession to reset Bluetooth and Wi-Fi connections. | | | | |

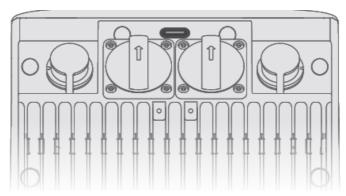
LED



- System Status LED



| Pattern | Description |
|--|--|
| | Indicates the device is powered off. |
| | Indicates the current battery level. |
| \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | Indicates the device is being charged. |
| <u> </u> | Indicates the device is faulty. Check the EcoFlow app for further instructions. |
| ×3 | Indicates a setting has been applied, such as a system reset or internet setup completion. |
| | Indicates the device is upgrading firmware. |



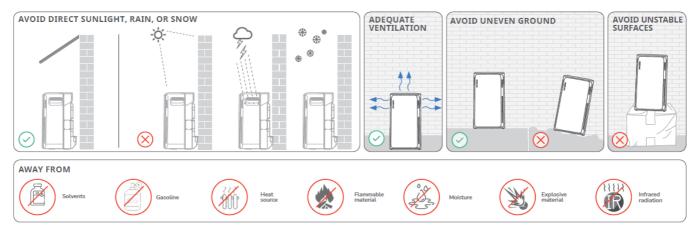
- AC Outlet Status LED

| Pattern | Description |
|---------|----------------------------------|
| | At least 1 AC outlet is enabled. |
| | AC outlets are disabled. |

Installation Preparation

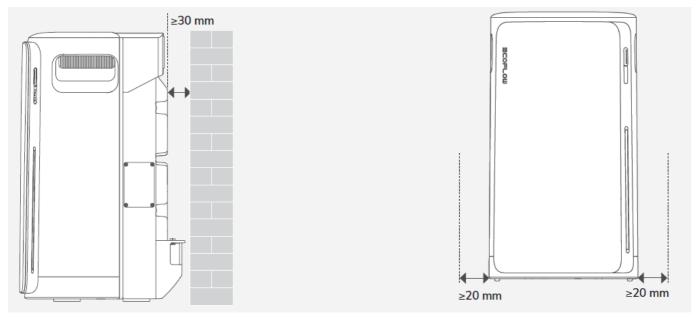


Environment



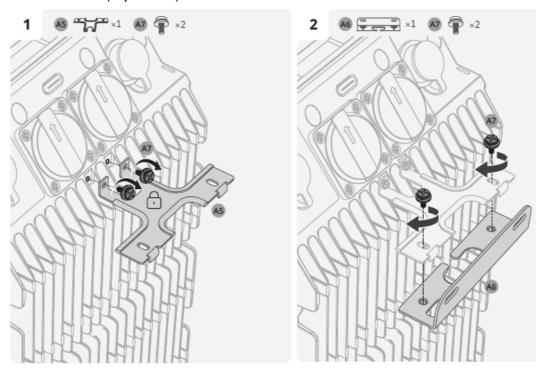
Clearance

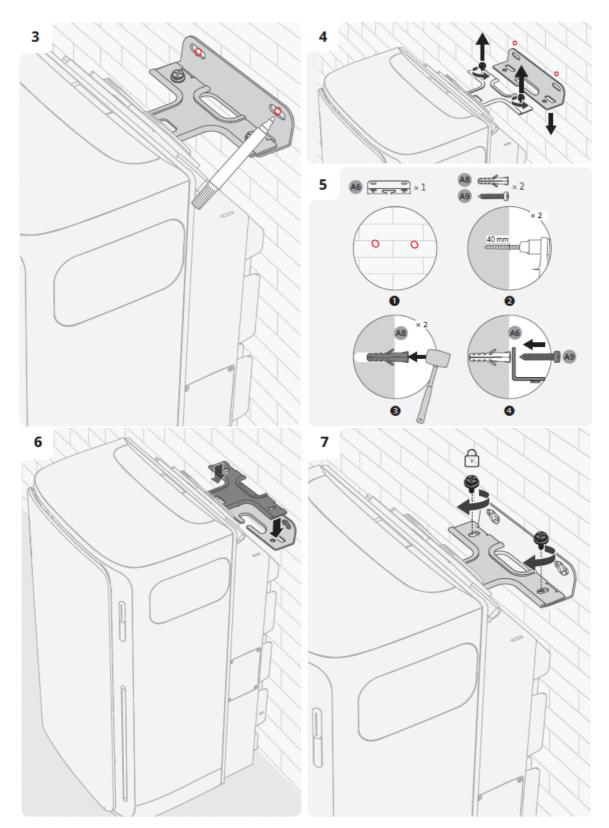
Make sure to reserve sufficient clearance for proper heat dissipation.



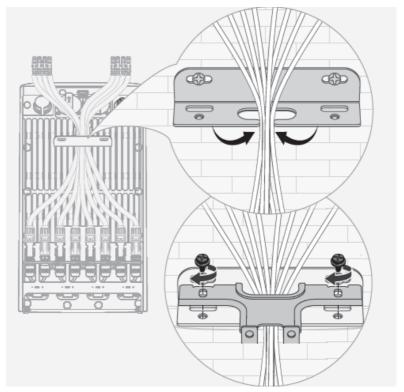
During Installation

Step 1: Mount & Lock (Optional)





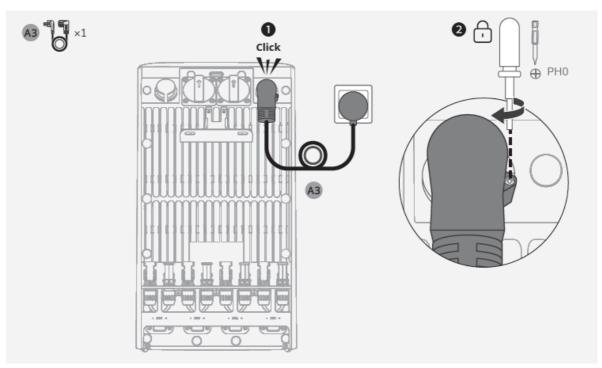
The mounting and locking brackets can also help arrange the cable routing (maximum: 8 PV cables) for a neater setup.



Step 2: Connect to Grid Power

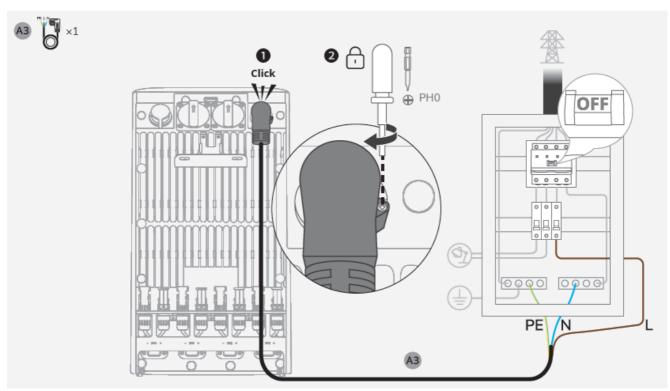
- The grid connection must be connected to a grounded electrical outlet or grounding busbar. Additionally, grounding the product casing via its dedicated grounding terminal is recommended for enhanced safety.
- Ensure the device is powered off before installation.

Method 1: Connect via a Home Outlet



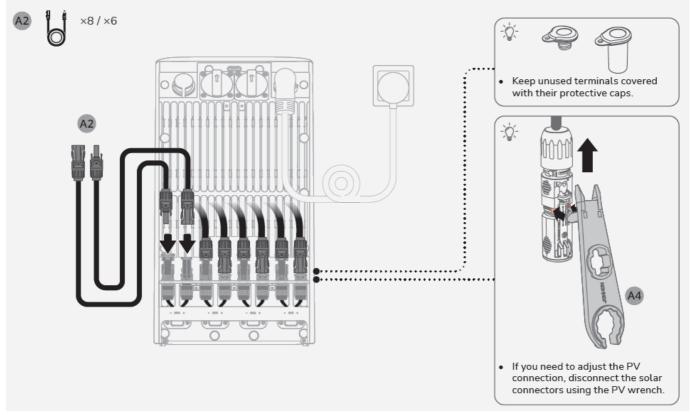
Method 2: Connect via a Home Circuit Breaker (United Kingdom Only)

- **Professional Installation Required: T**his step must be carried out by a qualified electrician.
- Power Must Be Off: Before beginning installation, ensure the power is switched off at the installation site.
- The PE and N wires should be connected separately to the PE-bar and Neutral-bar, and the L wire should be connected to the terminal on the breaker that leads to the load side.



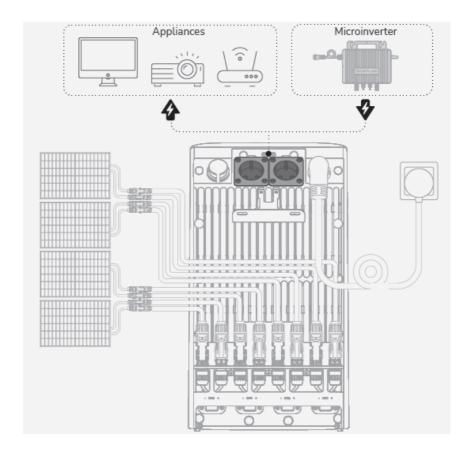
Step 3: Connect to Solar Panels

Never connect the leads of a solar panel to different PV terminals (e.g., negative to PV1– and positive to PV2+) to prevent short circuits.

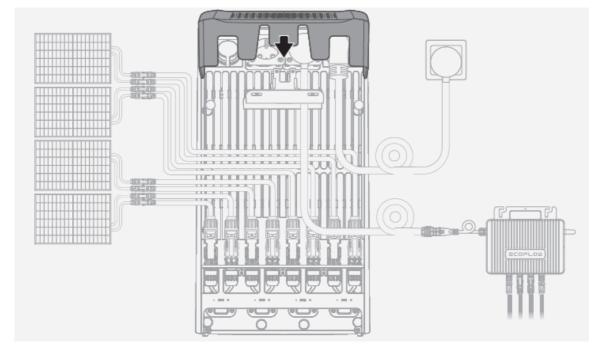


Step 4: Connect to Load / Microinverter (Optional)

- Connect a microinverter that complies with local regulations to add power input.
 EcoFlow microinverters are preferred; third-party models may require users to take additional measures.
- The device has an IP65 ingress protection rating. Use of the AC outlet may affect the ingress protection rating. To minimize exposure to water, place the device close to a wall.
- Ensure the AC outlet cover remains in place when the AC outlet is not being used.
- The actual appearance of the AC outlet may vary by sales region and product version.



Step 5: Reinstall the Protective Cover



Post-Installation

Power On

Press the Power button once to power on the device.

Tip: If the home circuit breaker is turned off, remember to switch it back on.

Download EcoFlow App

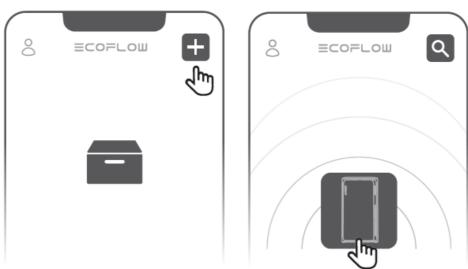
Scan the QR code or search for the EcoFlow app in your mobile application store to download it. Then, register an account and log in.





Bind the Device and Set Up Internet

Follow the in-app instructions to bind the device and enjoy smart control from your phone.



Explore More

EcoFlow STREAM devices support system cascading to increase total battery capacity. Further details are available at: www.ecoflow.com.

| Number of Units | ×1 | ×2 | ×3 | ×4 | ×5 | ×6 |
|-------------------|-------------------------------|----------|----------|----------|---------|-----------|
| Expanded Capacity | 1.92 kWh | 3.84 kWh | 5.76 kWh | 7.68 kWh | 9.6 kWh | 11.52 kWh |
| Terminal Used | Parallel Terminal | | | | | |
| Cable Required | EcoFlow STREAM Parallel Cable | | | | | |

Frequently Asked Questions

- Q: How do I reset Bluetooth and Wi-Fi connections?
 - A: Press the Power button five times quickly to reset Bluetooth and Wi-Fi connections.
- Q: What should I do if the System Status LED indicates a fault?
 - A: Check the EcoFlow app for further instructions on troubleshooting the issue indicated by the LED.

Documents / Resources



ECOFLOW Stream Ultra Combining Energy Storage and a Built In Micro I nverter [pdf] Installation Guide

Stream Ultra Combining Energy Storage and a Built In Micro Inverter, Str eam Ultra, Combining Energy Storage and a Built In Micro Inverter, Storage and a Built In Micro Inverter, Built In Micro Inverter, Micro Inverter, Inverter

References

- User Manual
- ECOFLOW
- ▶ Built In Micro Inverter, Combining Energy Storage and a Built In Micro Inverter, ECOFLOW, Inverter, Micro Inverter, Storage and a Built In Micro Inverter, Stream Ultra, Stream Ultra Combining Energy Storage and a Built In Micro Inverter

Leave a comment

| Your email address will not be published. Required fields are marked* | | | | | | |
|---|--|--|--|--|--|--|
| Comment * | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| mail | |
|---|--|
| | |
| Vebsite | |
| | |
| Save my name, email, and website in this browser for the next time I comment. | |

Search:

Post Comment

e.g. whirlpool wrf535swhz

Search

Manuals+ | Upload | Deep Search | Privacy Policy | @manuals.plus | YouTube

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.