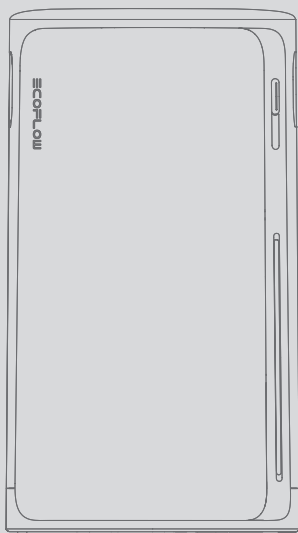


EcoFlow STREAM Ultra EcoFlow STREAM Pro



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.

CONTENTS

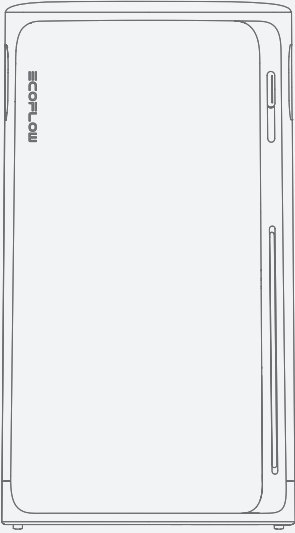
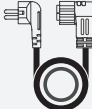
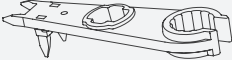
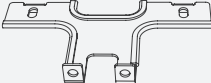
1	Pre-Installation
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I Check the Package Contents

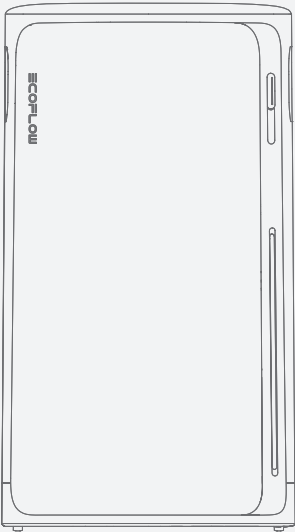
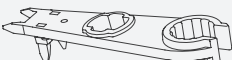


- The AC outlet on the product and the AC power cable shown in this guide are for illustration purposes. The actual appearance may vary by sales region and product version.
- If any item is damaged or missing, contact EcoFlow Customer Service for assistance.

• Standard Product Package for European Region

A1 ×1	A2 ×6 (for Pro) ×8 (for Ultra)	A3 ×1	A4 ×1
			
	A5 ×1	A6 ×1	A7 ×4
			
	A8 ×2	A9 ×2	
			

• Standard Product Package for the United Kingdom Region

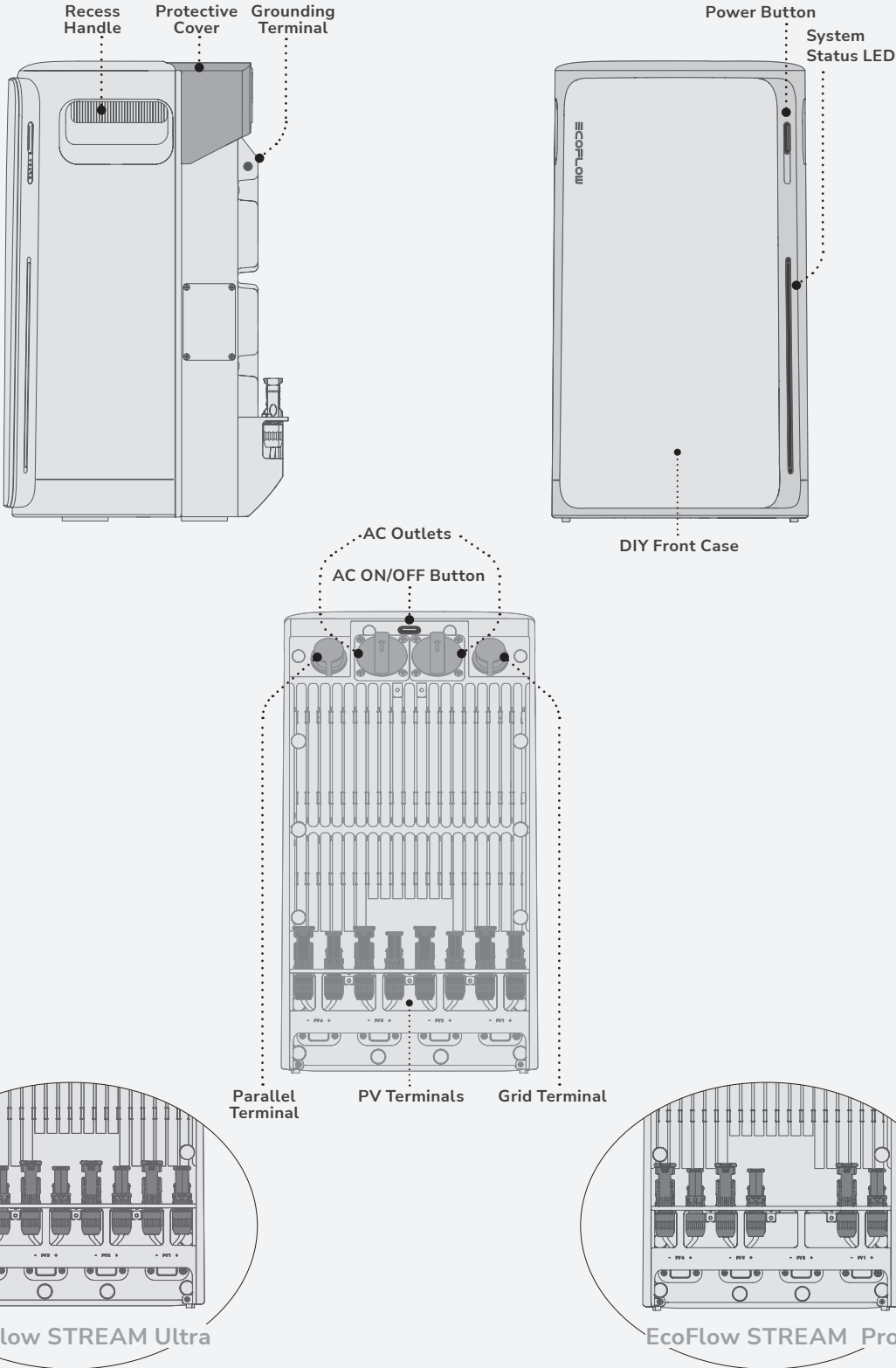
A1 ×1	A2 ×6 (for Pro) ×8 (for Ultra)	A3 ×1	A4 ×1
			
	A5 ×1	A6 ×1	A7 ×4
			
	A8 ×2	A9 ×2	
			

I Product Overview

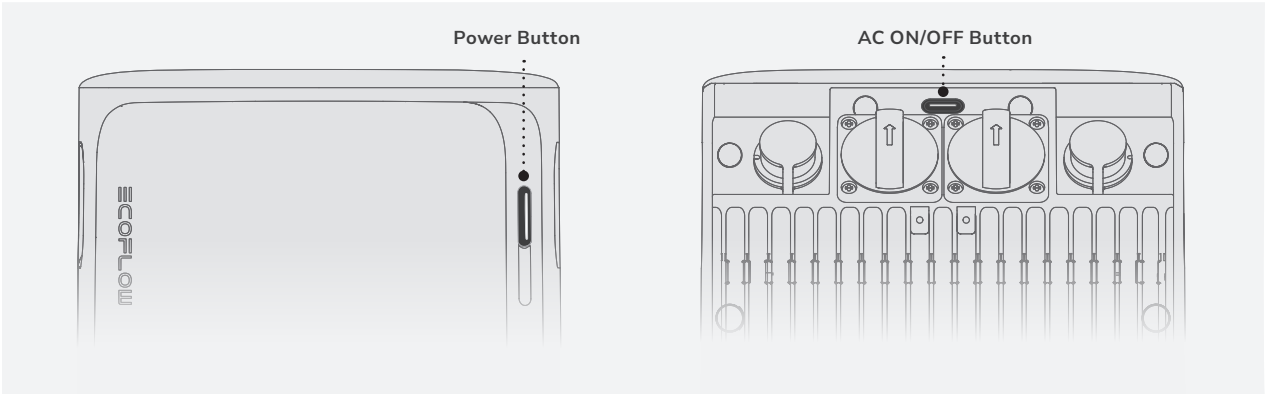
• Appearance



- 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



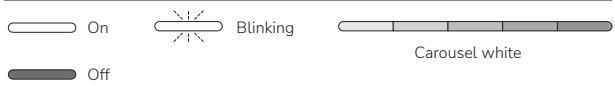
Operation		Description
ON	 2s	Press and hold the button for 2 seconds to turn on the device.
OFF	 2s	Press and hold the button for 2 seconds to turn off the device. If solar or grid power is present, disconnect the cables before powering off.
RESET IOT	 x5	Press the button 5 times in quick succession to reset Bluetooth and Wi-Fi connections.

Operation		Description
AC ON	 x1	Press once to enable or disable the AC outlets.
AC OFF	 x1	

• LED



- System Status LED



Pattern	Description
	Indicates the device is powered off.
	Indicates the current battery level.
	Indicates the device is being charged.
	Indicates the device is faulty. Check the EcoFlow app for further instructions.
	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

Tools



Hammer drill
(Ø8mm)



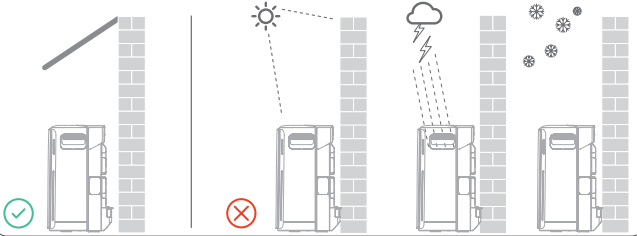
Screwdriver
(PH0, PH1, PH2)



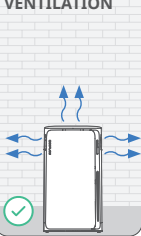
Safety gloves

Environment

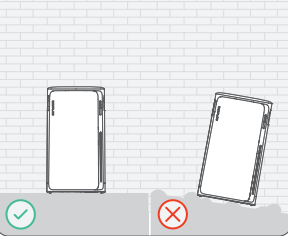
AVOID DIRECT SUNLIGHT, RAIN, OR SNOW



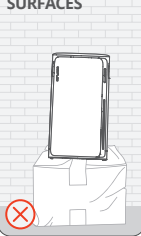
ADEQUATE VENTILATION



AVOID UNEVEN GROUND



AVOID UNSTABLE SURFACES



AWAY FROM



Solvents



Gasoline



Heat source



Flammable material



Moisture



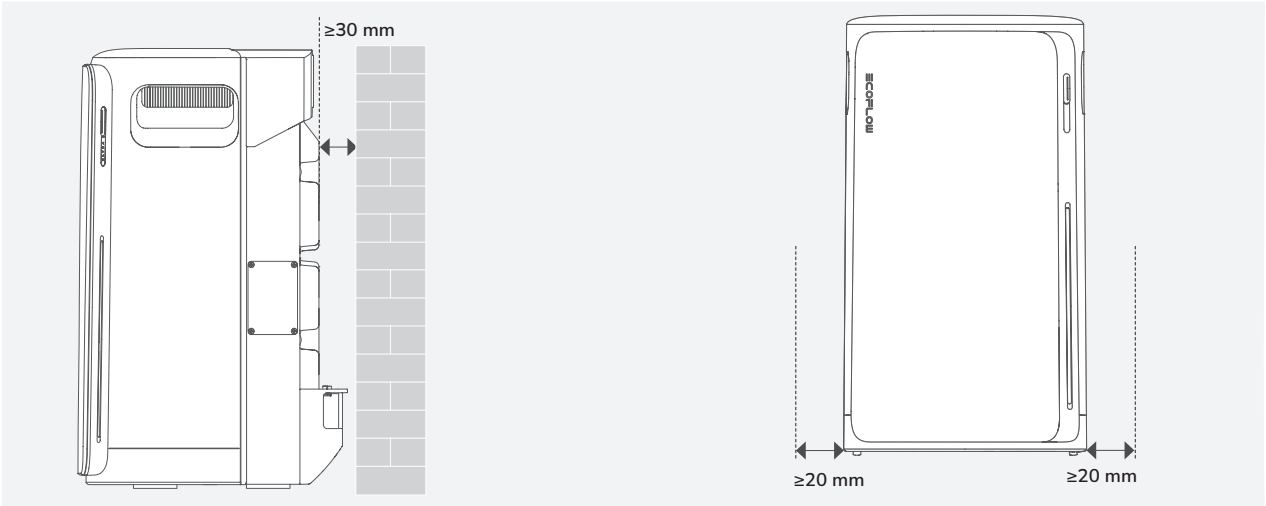
Explosive material



Infrared radiation

Clearance

- Make sure to reserve sufficient clearance for proper heat dissipation.



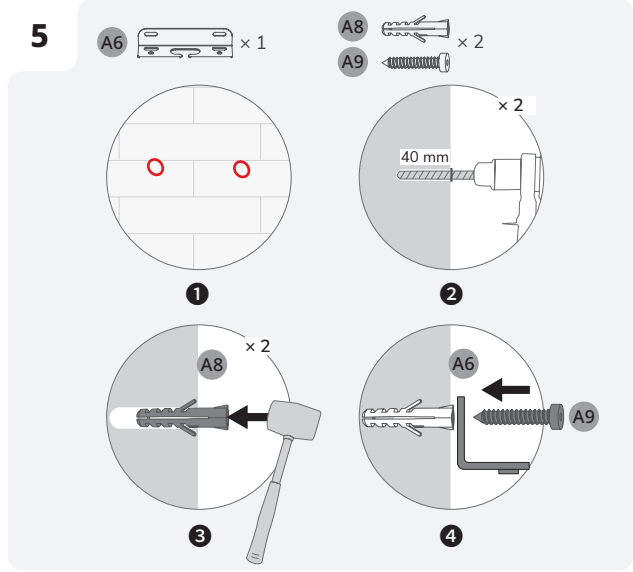
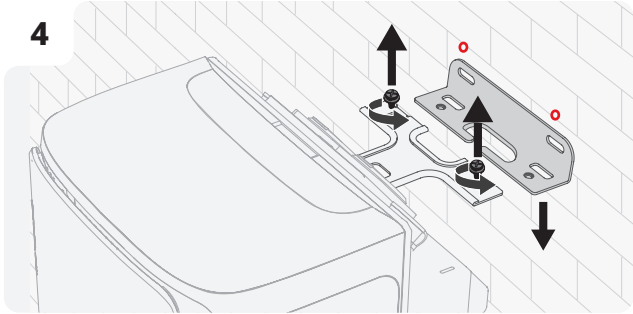
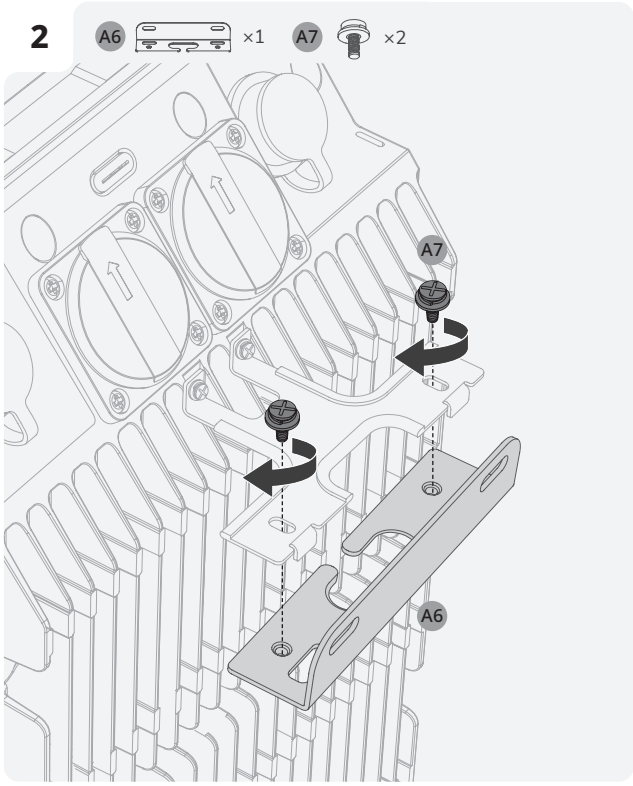
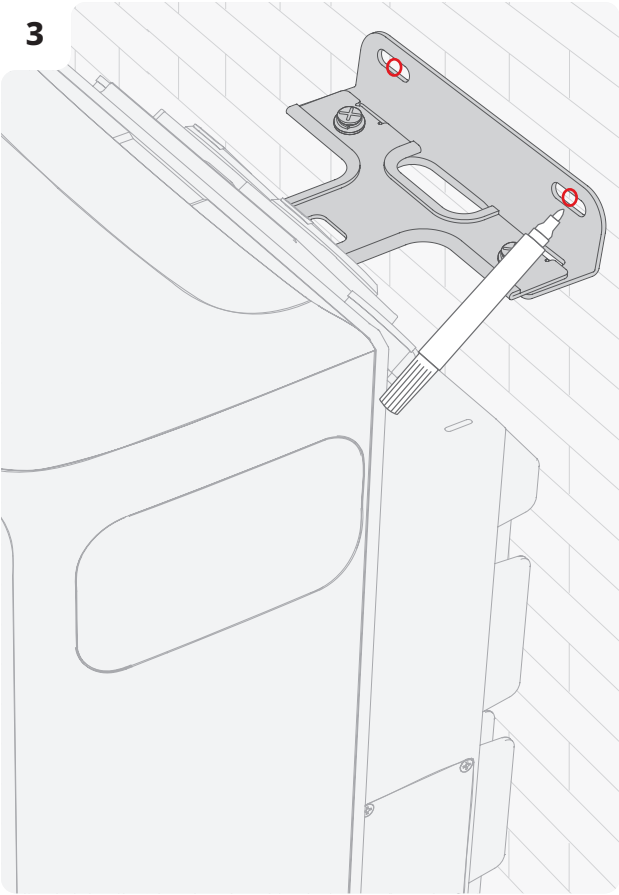
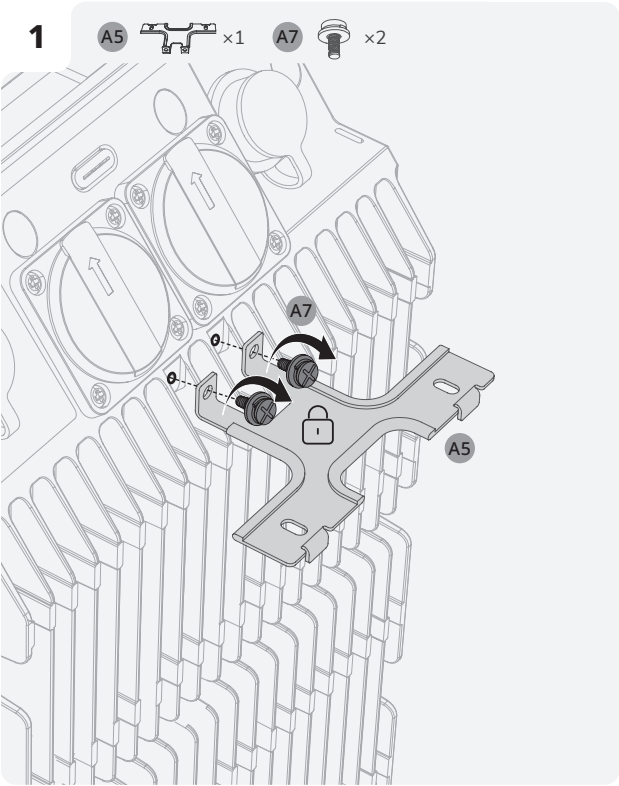
The diagram shows two views of the unit with clearance requirements. The side view shows a clearance of $\geq 30\text{ mm}$ between the unit and the wall. The front view shows a clearance of $\geq 20\text{ mm}$ between the unit and the floor, and $\geq 20\text{ mm}$ between the unit and the wall.

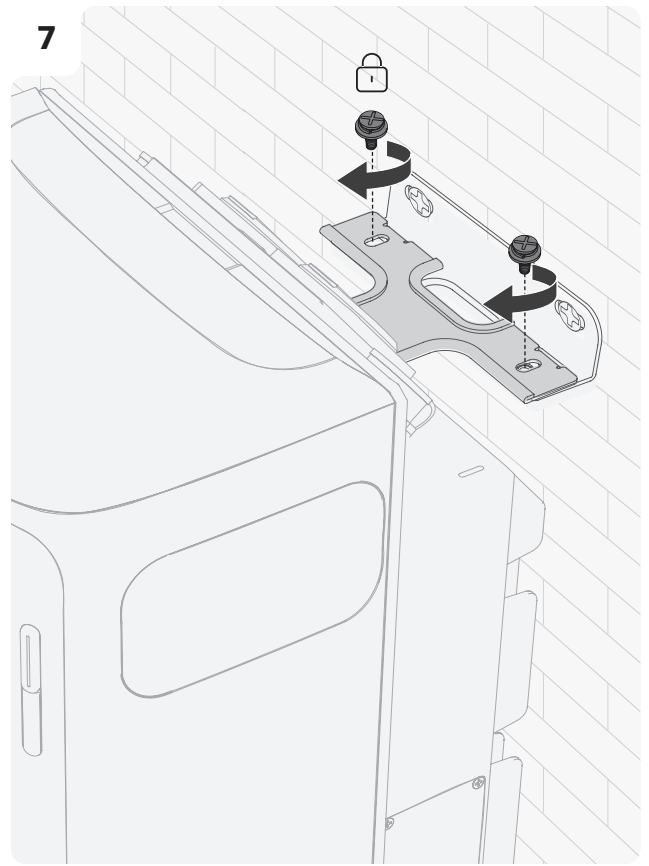
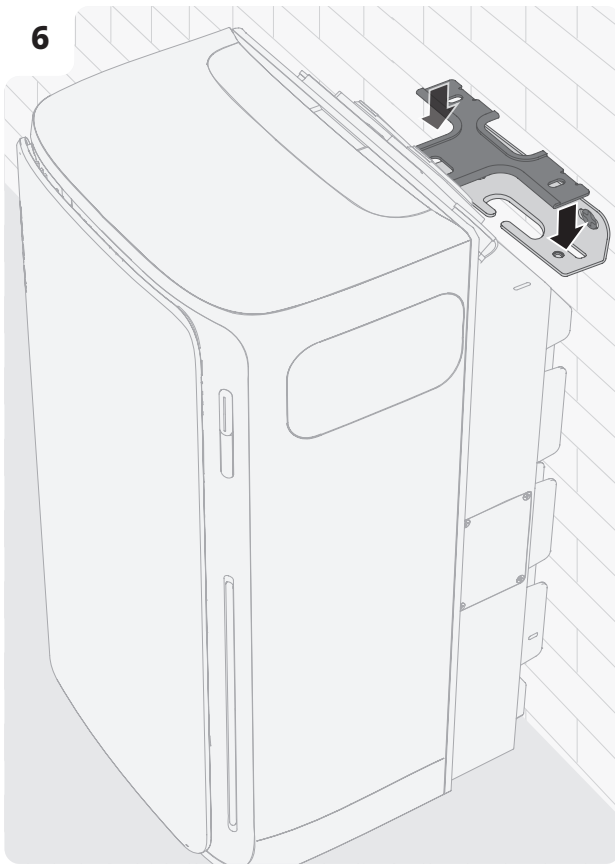
4 |

During Installation

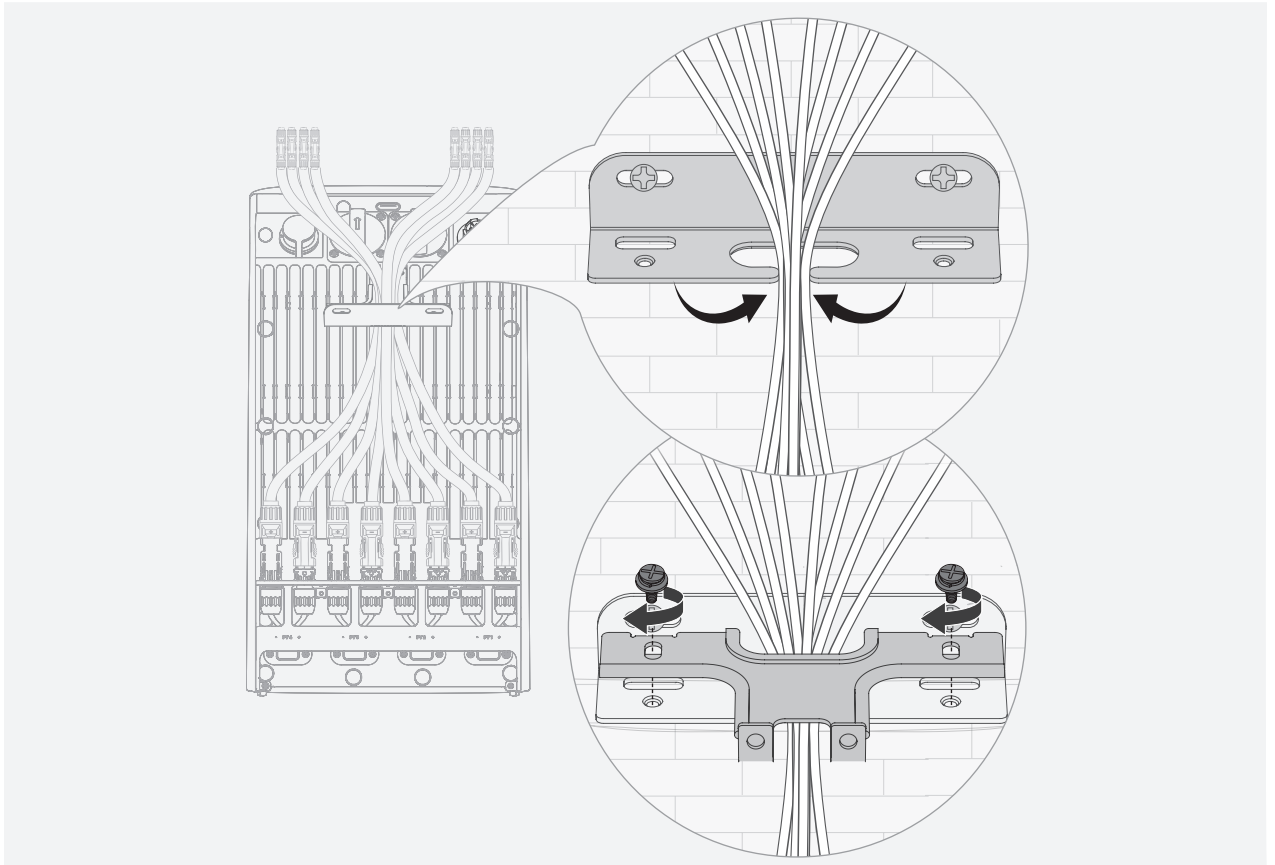
en

I 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.

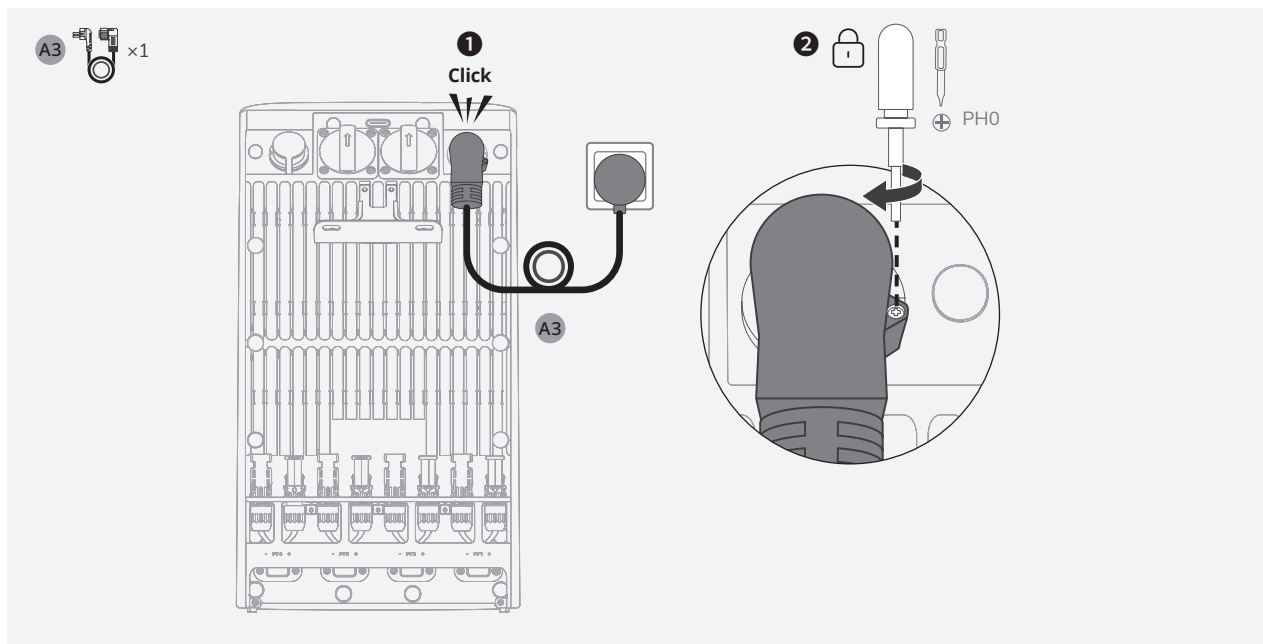


I Step 2: Connect to Grid Power



- 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.

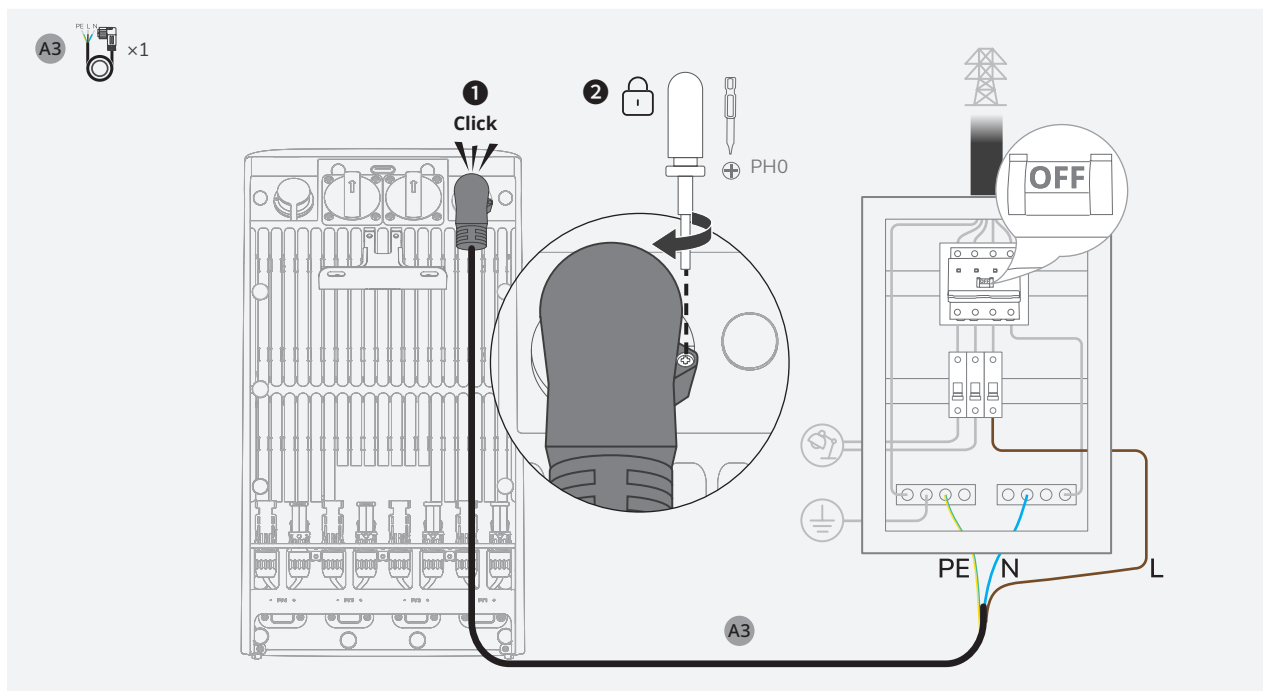
• Method 1: Connect via a Home Outlet



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



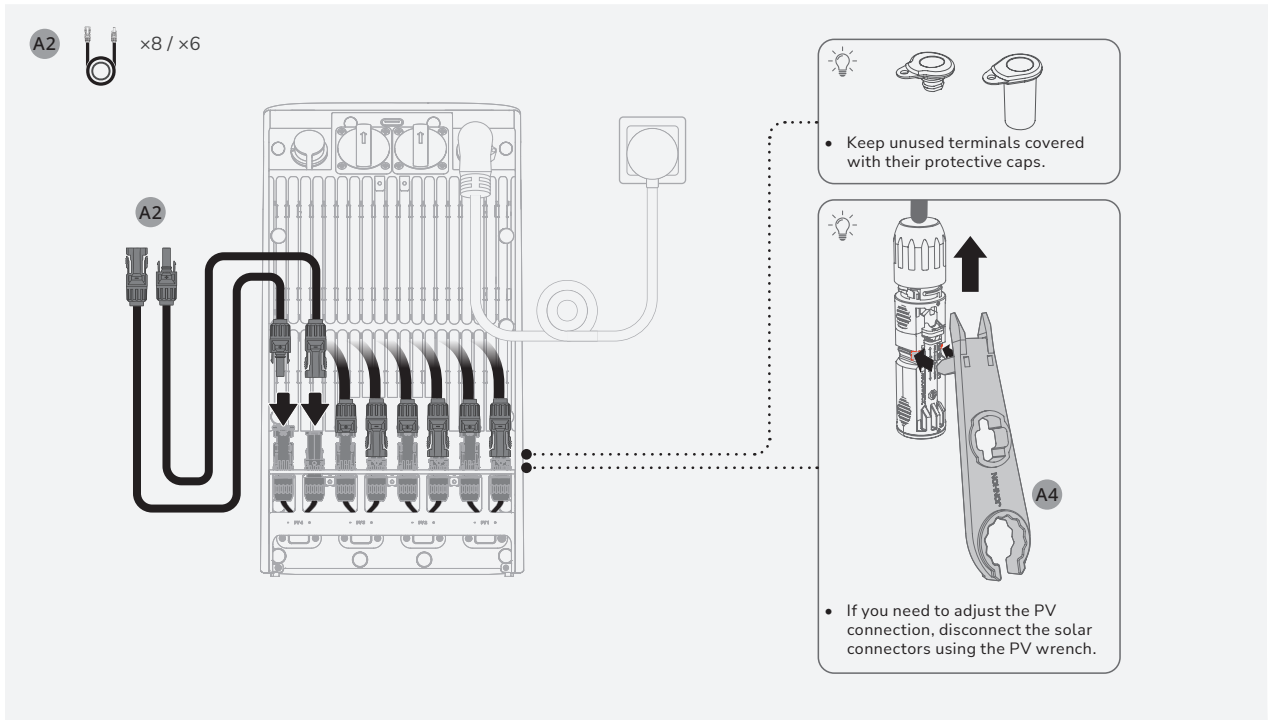
- **Professional Installation Required:** This step must be carried out by a qualified electrician.
- **Power Must Be Off:** Before beginning installation, ensure the power is switched off at the installation site.
- The PE and N wires should be connected separately to the PE-bar and Neutral-bar, and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



I Step 3: Connect to Solar Panels



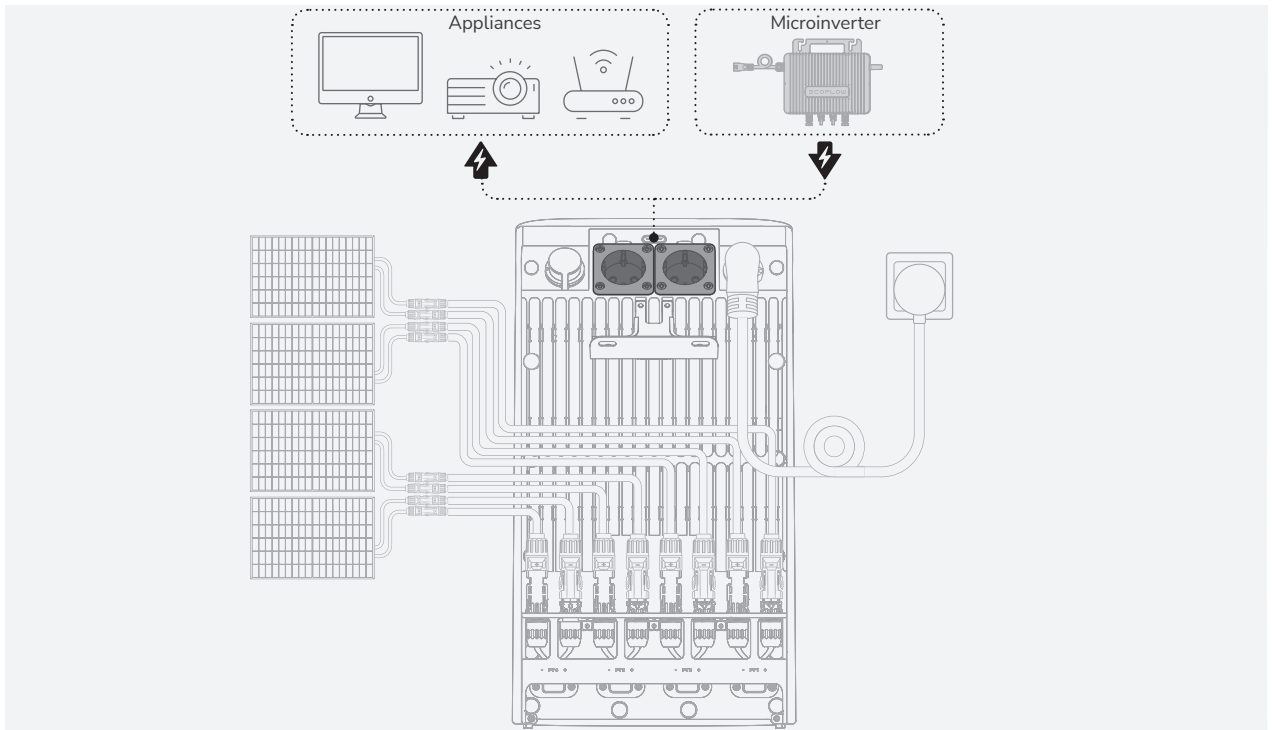
- Never connect the leads of a solar panel to different PV terminals (e.g., negative to PV1– and positive to PV2+) to prevent short circuits.



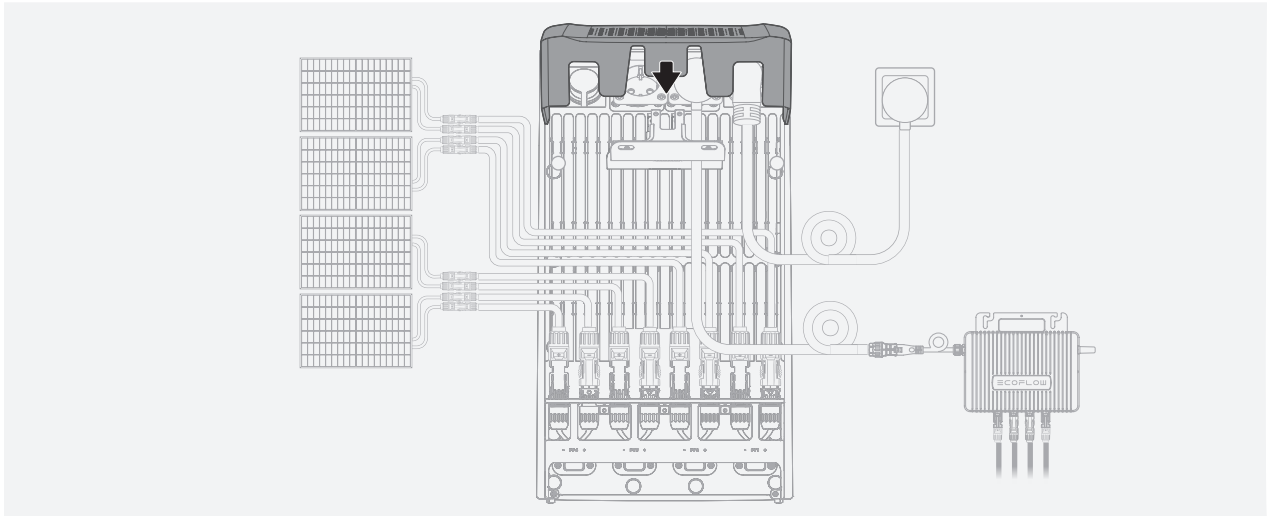
I Step 4: Connect to Load / Microinverter (Optional)



- 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.



I Step 5: Reinstall the Protective Cover



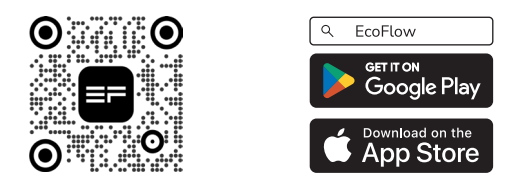
Post-Installation

I 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.

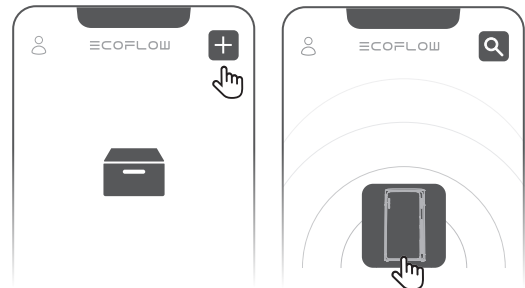
I Download EcoFlow App

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.



I 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	x1	x2	x3	x4	x5	x6
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					

EcoFlow STREAM Pro
EcoFlow STREAM Ultra

 SAVE THESE INSTRUCTIONS

ENGLISH

DISCLAIMER

This product includes essential printed documentation required for setup and basic usage. For detailed manuals, resources, and the most up-to-date information about the product, visit <https://www.ecoflow.com/support/download/>. Fully read and understand the product documentation prior to use. Improper use may result in serious injury, damage, or property loss. By using this product, you agree to and accept all terms outlined in the product documentation. EcoFlow is not liable for losses, damages, or injuries caused by misuse or non-compliance.

SYMBOLS

The shell or nameplate of this product includes safety symbols to indicate potential hazards. Please review these signs and their meanings as detailed in the table below:

Note: "This product" or "the device" refers to the EcoFlow STREAM Pro or EcoFlow STREAM Ultra throughout this document.

Symbol	Description
	Caution! Disconnect the device from all voltage sources before servicing.
	Caution! Risk of Electric Shock Do not attempt to disassemble. No user-serviceable parts inside. Refer servicing to qualified personnel.
	Caution! Hot Surface Do not touch the enclosure of the device during operation.
	Caution! Risk of Electric Shock Wait at least 5 minutes after all voltage sources are disconnected before servicing.
	Reading Manual Read the user manual and all safety instructions carefully before installation, operation, and maintenance.
	CE Marking The device complies with the essential requirements of the relevant EU legislation.
	WEEE Directive Do not dispose of the device as household waste. Follow local electronic waste disposal regulations.
	Grounding Indicates the position for connecting the protective earthing (PE) cable.

INSTRUCTIONS

- Read this document and other related product documentation before any operation.
- The installation of this product must comply with all applicable local regulations, codes, or standards.
- An overcurrent circuit breaker must be installed between this product and the grid.
- When the photovoltaic (PV) array is exposed to light, it supplies direct current voltage to the power conversion equipment (PCE).
- Use insulation tools and wear personal protective equipment when installing, servicing, or maintaining this product.
- Install this product in a tidy, dry, and well-ventilated environment.
- Keep the product out of reach of children and pets. If the product is to be used near children, they should be closely supervised.
- Ensure that the cable length for each PV connection to this product is less than 3 meters.
- Before making any electrical connections, ensure that any load to be connected (e.g., devices or equipment intended to be powered by this product) is powered off.
- Always pull the plug instead of the cord when disconnecting the product to reduce the risk of damage to the electric plug and cord.
- Do not put fingers or hands into the product.
- Do not expose this product to direct sunlight, rain, and snow.
- Do not expose this product to strong electromagnetic fields to avoid radio interference.
- Do not install or operate this product near flammable, explosive, corrosive, or caustic sources.
- Do not install or operate this product during extreme weather events such as lightning, heavy rain, or strong wind.
- Do not subject this product to severe impacts, vibrations, or drops to prevent physical damage.
- Do not drag, squeeze, step on this product, or throw it into the fire, as there is a risk of explosion.
- Do not use any damaged cords or cables with this product.
- Do not damage, deface, or remove any labels on this product.
- Do not disassemble, repair, or modify this product by yourself. For any maintenance or service, contact EcoFlow Customer Service.
- Do not use any unofficial or unrecommended components and accessories. For any replacements, please contact EcoFlow for further assistance.
- Do not clean the product with flammable or toxic solvents. Wipe it with a dry soft cloth.
- Do not place heavy objects (>40 kg) on the product.
- Device Removal:** To safely remove this product, perform the following steps in sequence:
 - Power off the connected load.
 - Disconnect the cables from the PV terminals.
 - Disconnect the cables from the AC outlets.
 - Disconnect the cable from the Grid terminal.
 - Power off the product.
- 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/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.
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.
- Personnel Requirement:** Certain installation or servicing tasks must be performed exclusively by a qualified technician. Refer to the personnel requirements highlighted in the product documentation to ensure these tasks are completed correctly and safely.
- Floating Ground Notice:** The grounding terminal is not connected to the AC neutral line. The internal electrical system remains isolated from the earth when the device (and its cascading system, if applicable) is disconnected from grid power.
- External Grounding Instructions:** Supplemental grounding may be necessary at installation sites with inadequate grounding or specific grounding requirements mandated by local codes. In such cases, use the grounding terminal on this product to establish proper grounding.

TECHNICAL SPECIFICATION

General Info				
Model	EF-EA-HD-U2K-800	EF-EA-HD-U2K-600	EF-EA-HD-P2K-800	EF-EA-HD-P2K-600
Dimensions	255 × 284 × 458 mm			
Net. Weight	23.1 kg		22.8 kg	
Typology	Isolated			
IP Rating	IP65			
Pollution Degree	PD3			
OVC Category	DC: II, AC: III			
Environmental Category	Outdoor / Indoor			
Cooling Method	Natural convection (no fans)			
Battery Info				
Rated Capacity	1.92kWh			
Rated Voltage	19.2V $\overline{\text{DC}}$			
Cycle Life	6000 ¹			
Cell Chemistry	LFP (LiFePO ₄)			
PV Terminal (DC)				
Number of MPPTs	4		3	
Range of MPPT Voltage	15V-60V $\overline{\text{DC}}$			
Max. Input Power	2000W (500W per MPPT)		1500W (500W per MPPT)	
Max. Input Voltage	60V $\overline{\text{DC}}$			
Max. Input Current	14A			
Max. Input Short Circuit Current	20A			
Grid Terminal (AC)				
Rated Voltage and Frequency	230V~, 50Hz			
Rated Output Power	800W	600W	800W	600W
Rated Output Current	3.48A	2.61A	3.48A	2.61A
Max. Input Current	10A			
Max. Input Power	2300W			
Power Factor	1(−0.8 to +0.8)			
AC Outlet (AC)				
Rated Voltage and Frequency	230V~, 50Hz			
Max. Output Power	1200W			
Max. Output Apparent Power	1200VA			
Rated Output Current	5.22A			
Max. Output Current (Bypass Mode)	10A			
Max. Input Power	800W	600W	800W	600W
Max. Input Apparent Power	800VA	600VA	800VA	600VA
Max. Input Current	3.48A	2.61A	3.48A	2.61A
Power Factor	1(−0.8 to +0.8)			
Parallel Terminal (AC)				
Rated Voltage and Frequency	230V~, 50Hz			
Max. Output Power	2300W			
Max. Output Apparent Power	2300VA			
Max. Output Current	10A			
Max. Input Current	10A			
Max. Input Power	2300W			
Max. Input Apparent Power	2300VA			
Power Factor	1(−0.8 to +0.8)			
Environment				
Operating Altitude	≤ 4000 m			
Operating Temperature	−20°C to 55°C ²			
Storage Temperature	−20°C to 55°C			
Relative Humidity	5%-95%			
Features				
Communication	WLAN, Bluetooth			
Management	EcoFlow app			

¹ Test conditions: 0.5C/0.5C charge/discharge at 25°C (77°F).

² The performance may be derated at temperatures above 35°C.

REGULATORY COMPLIANCE



en: Hereby, EcoFlow Inc. declares that this product is in compliance with Directives 2014/35/EU, 2014/30/EU, 2014/53/EU, 2011/65/EU+(EU)2015/863, (EU) 2023/1542. The full text of the EU Declaration of Conformity is available at the following Internet address: <http://www.ecoflow.com/eu/eu-compliance>

Radio Frequency (RF) Specifications for EU

- **Bluetooth**

Frequency: 2402-2480 MHz

Maximum Output Power: < 20 dBm

- **WLAN**

Frequency: 2412-2472 MHz / 2422-2462 MHz

Maximum Output Power: < 20 dBm



en: 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, visit the following website: <https://eu.ecoflow.com/pages/electronic-devices-disposal>



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