EcoFlow Smart Home Panel 2
Installer Training

Speaker: Nick.Luo

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Agenda

- Why we develop SHP2

- Understanding SHP2

- How to install SHP2

- Support

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Why we develop Smart Home Panel 2
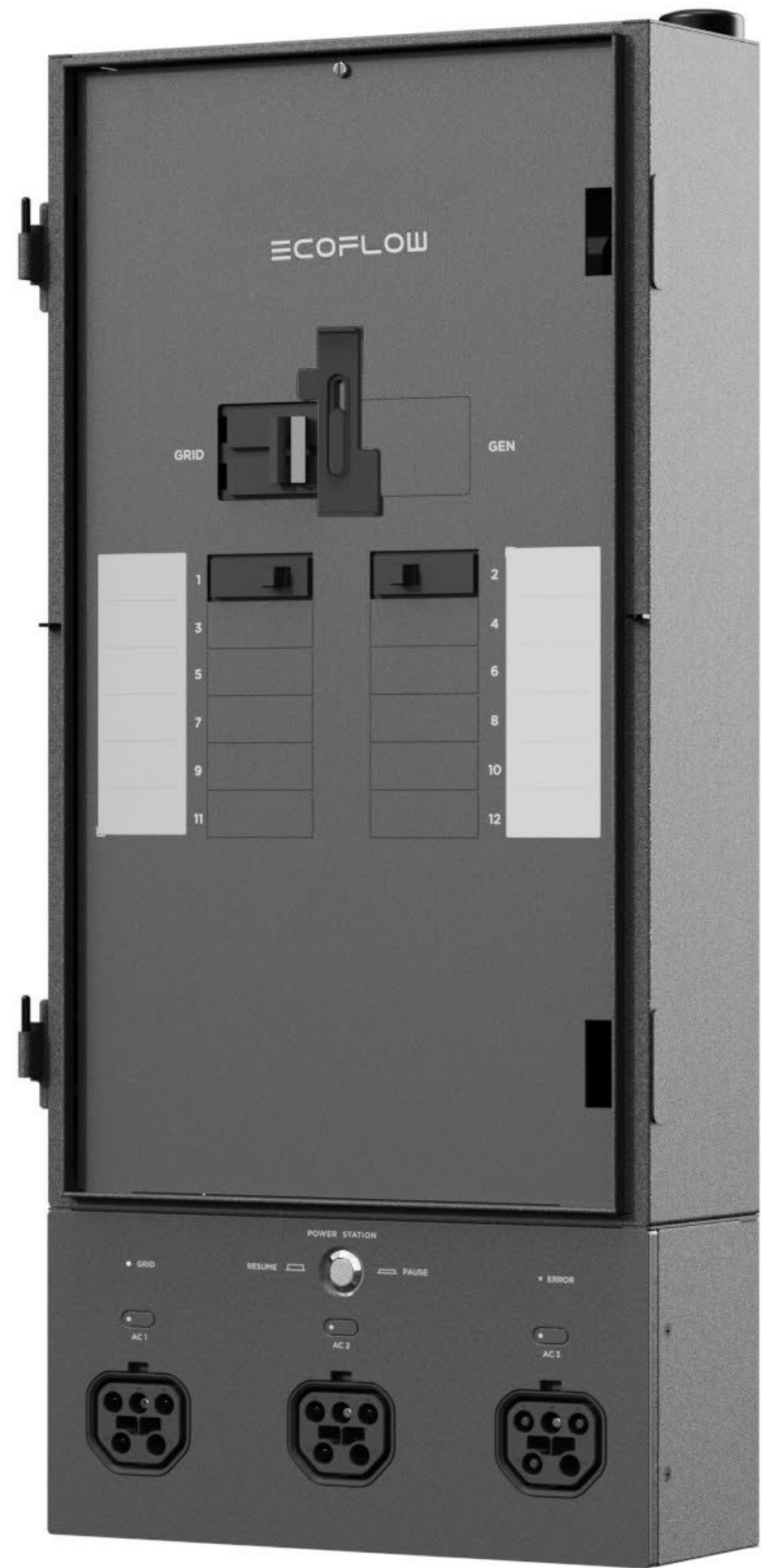
Compared with Smart Home Panel(Gen 1)

Smart Home Panel

From

- Transfer switch

To

Electric Subpanel ·

Smart Home Panel 2

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Why Choose EcoFlow & SHP2

1. A Breakthrough in Panelboard Technology

Features ATS, UPS, Backup Energy storage, Remote control, and Energy management.

2. Streamlining Installations for Electricians

Install just like any other regular subpanel on the market without any hassle

3. Providing Unmatched Reliability and Installer Support

High-quality level with expert customer support 9AM – 9PM (Monday to Friday EST)

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Understanding Smart Home Panel 2

EcoFlow Delta Pro Ultra and Smart Home Panel 2

The world's first smart hybrid whole-house battery system

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Month-long power security

One unit, all appliances covered

Unlock advanced backup with Smart Home Panel 2

9:41

Set the Priority   Save

Real time battery   55% ///

04h30m   99h44m
Must Supply   Conditional Supply

Must supply
Backed up until you run out of battery

Air Condition
On

Fridge
On

Washer
On

Dryer
On

TV
On

Computer
On

One-hour solar is a one-day powered home

- **Automatic Transfer Switch & UPS**

  UPS with a 20 ms switchover from the grid to battery backup

- **The most powerful backup solution**

  When connected to the EcoFlow Delta Pro Ultra, it can deliver an an output of up to 21.6kW with a storage capacity of 90 kWh.

- **Designed for Generator hookups**

- **Intelligent App Controls**

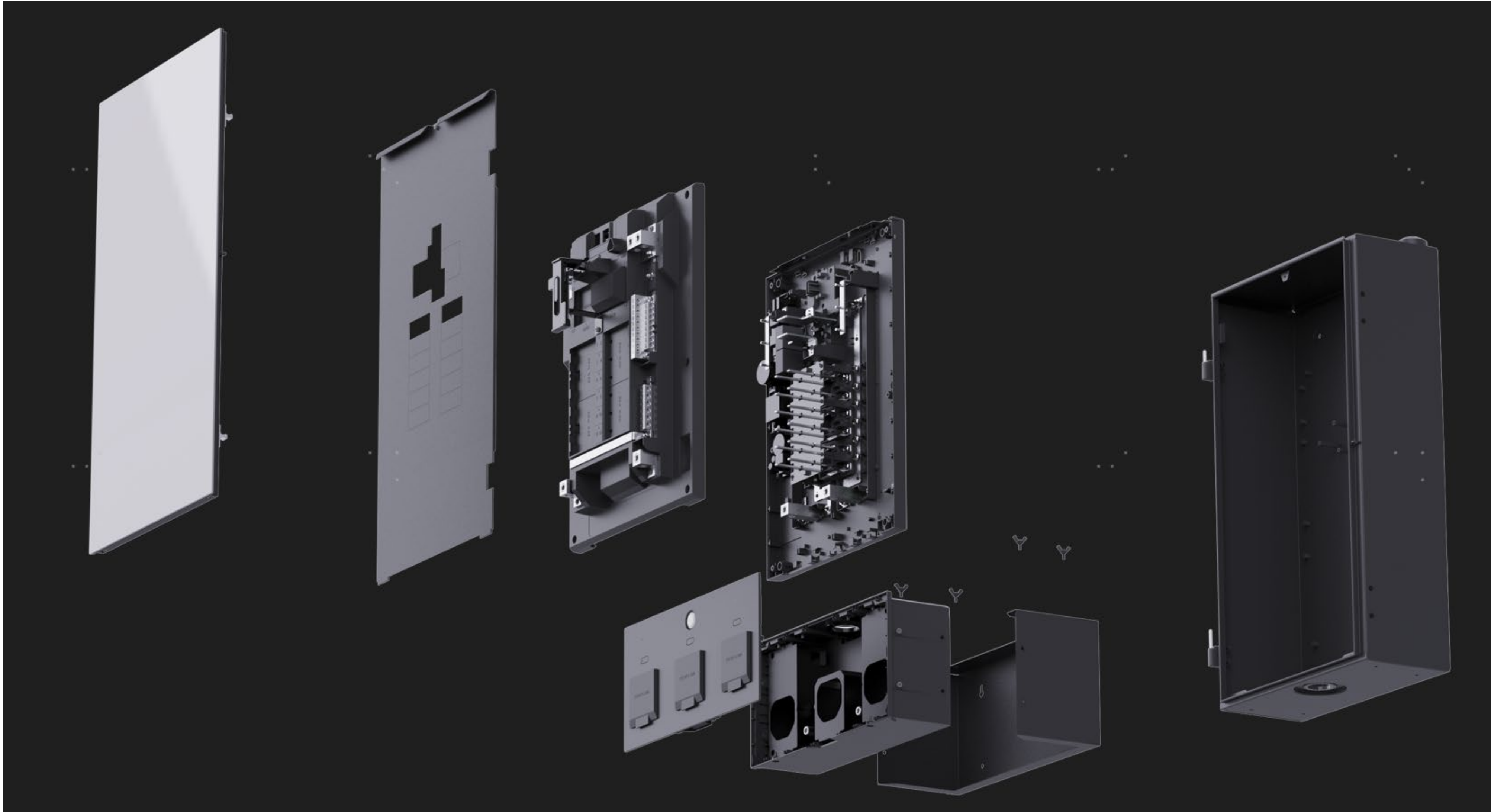 Energy management and automation

- **Hassle-free Installation**

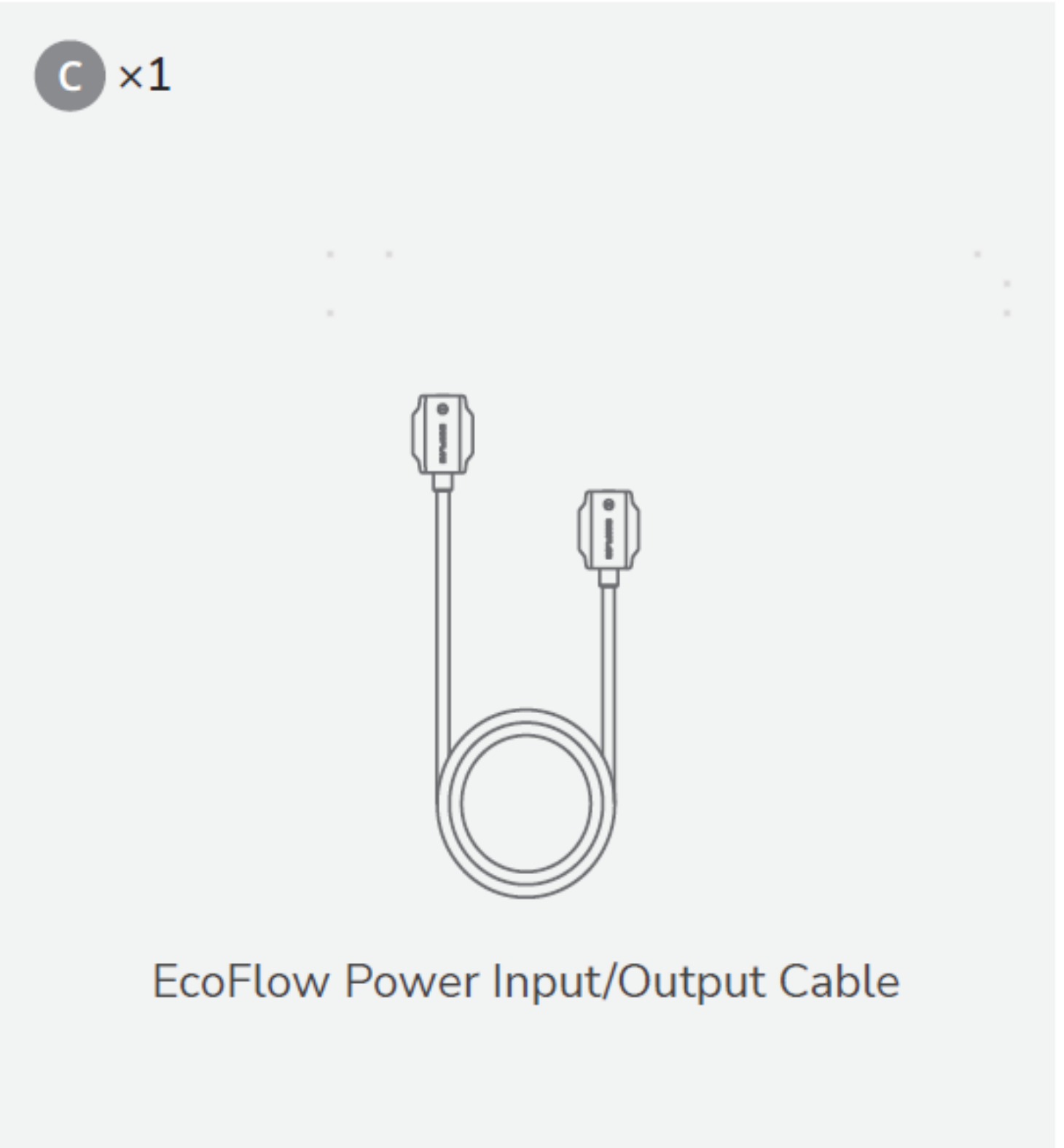# Take a Closer Look
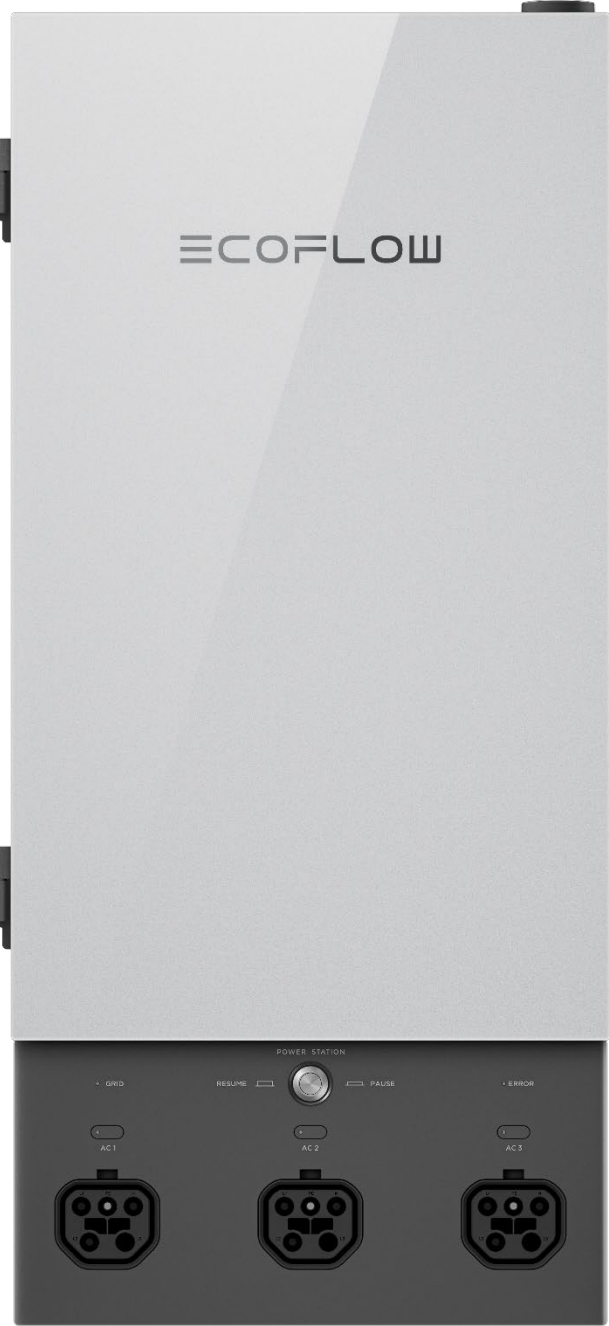
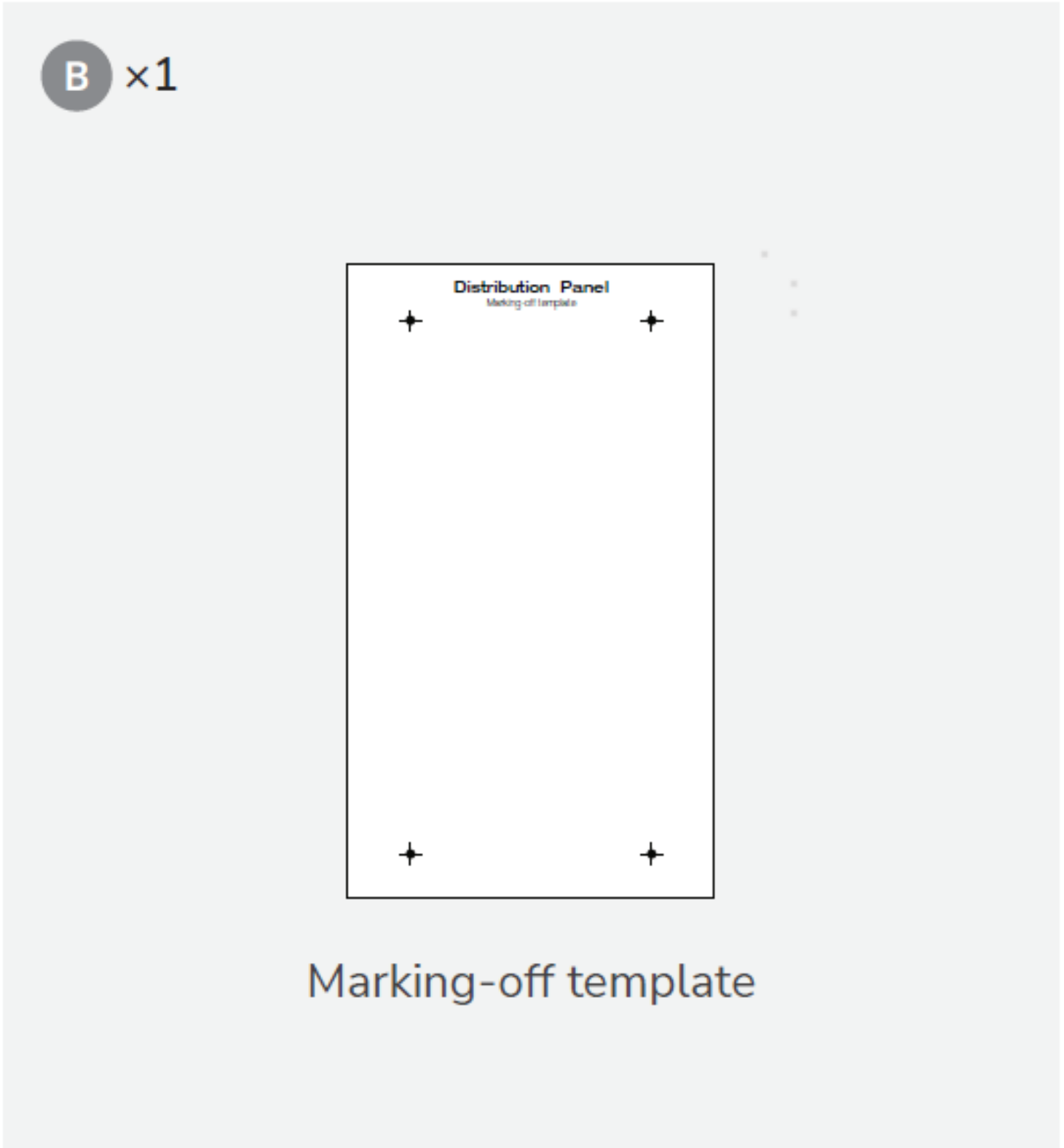Distribution Panel
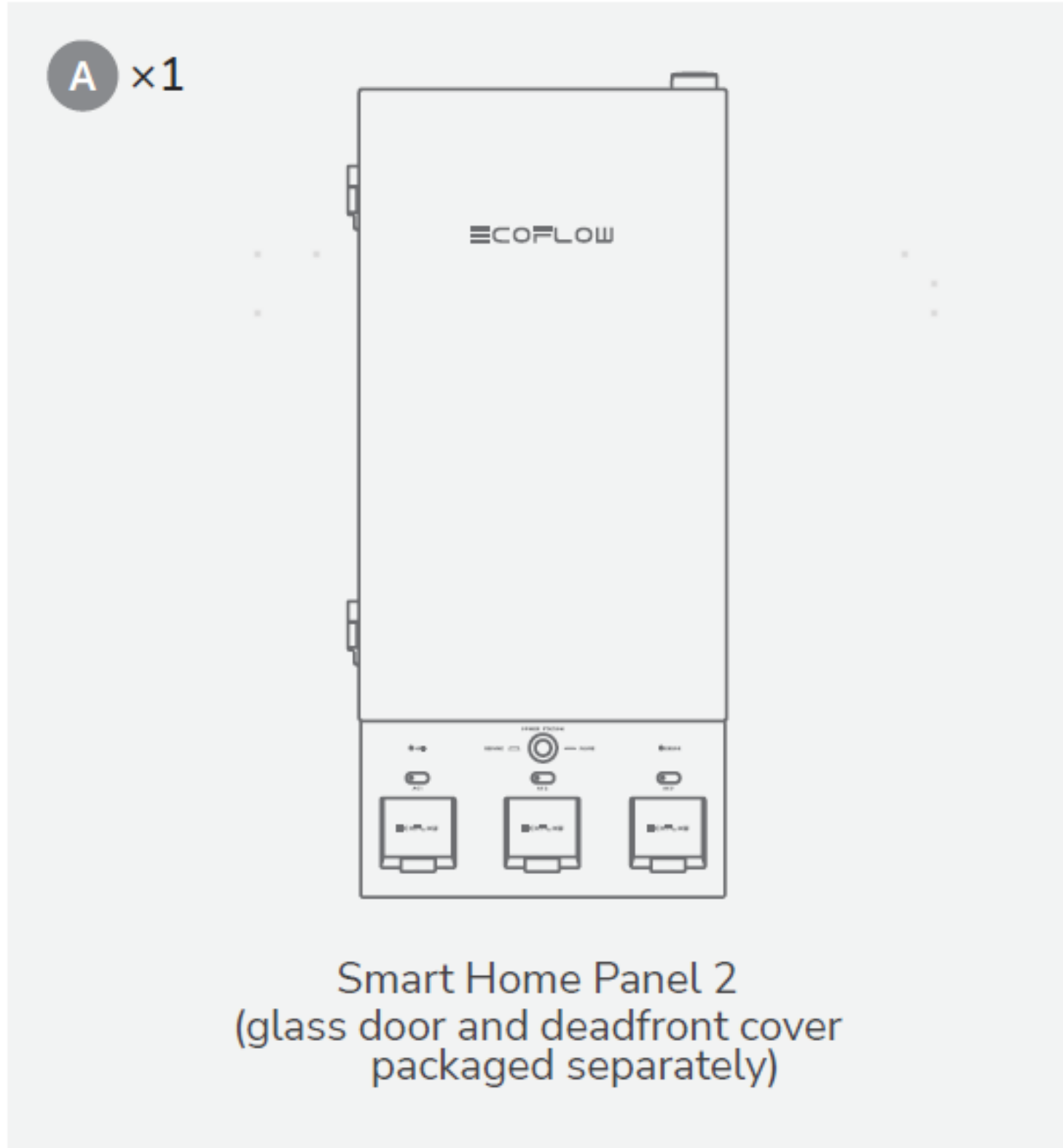
Battery Connection Box

Instructure

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Specifications

AC voltage (nominal)： 120V/240V

Maximum current rating： 100A panel / 90A storage

Busbar rating： 120A

Single largest load： ≤ 60A

Operating temperature： -22°F to 122°F (-30°C to 50°C)

Enclosure type： NEMA TYPE 3R rainproof (distribution panel) NEMA TYPE 1 (battery connection box)

Number of load branches： 12

Communication： Ethernet, Wi-Fi, and Bluetooth®

Certification： UL67

Weight： 51.6 lb (23.4 kg)

Dimensions： 31.8 in. x 14.4 in. x 4.3 in. (806.4 mm x 365 mm x 108.4 mm)

Compatible generator： 120/240V single phase (3-12kW)

What's in the box

A ×1

Smart Home Panel 2
(glass door and deadfront cover
packaged separately)

B ×1

Marking-off template
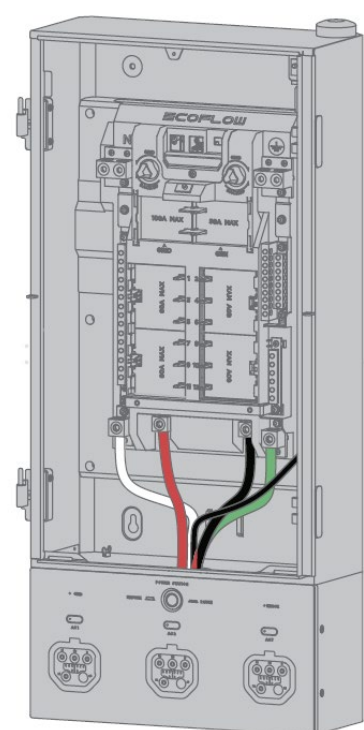
C ×1

EcoFlow Power Input/Output Cable
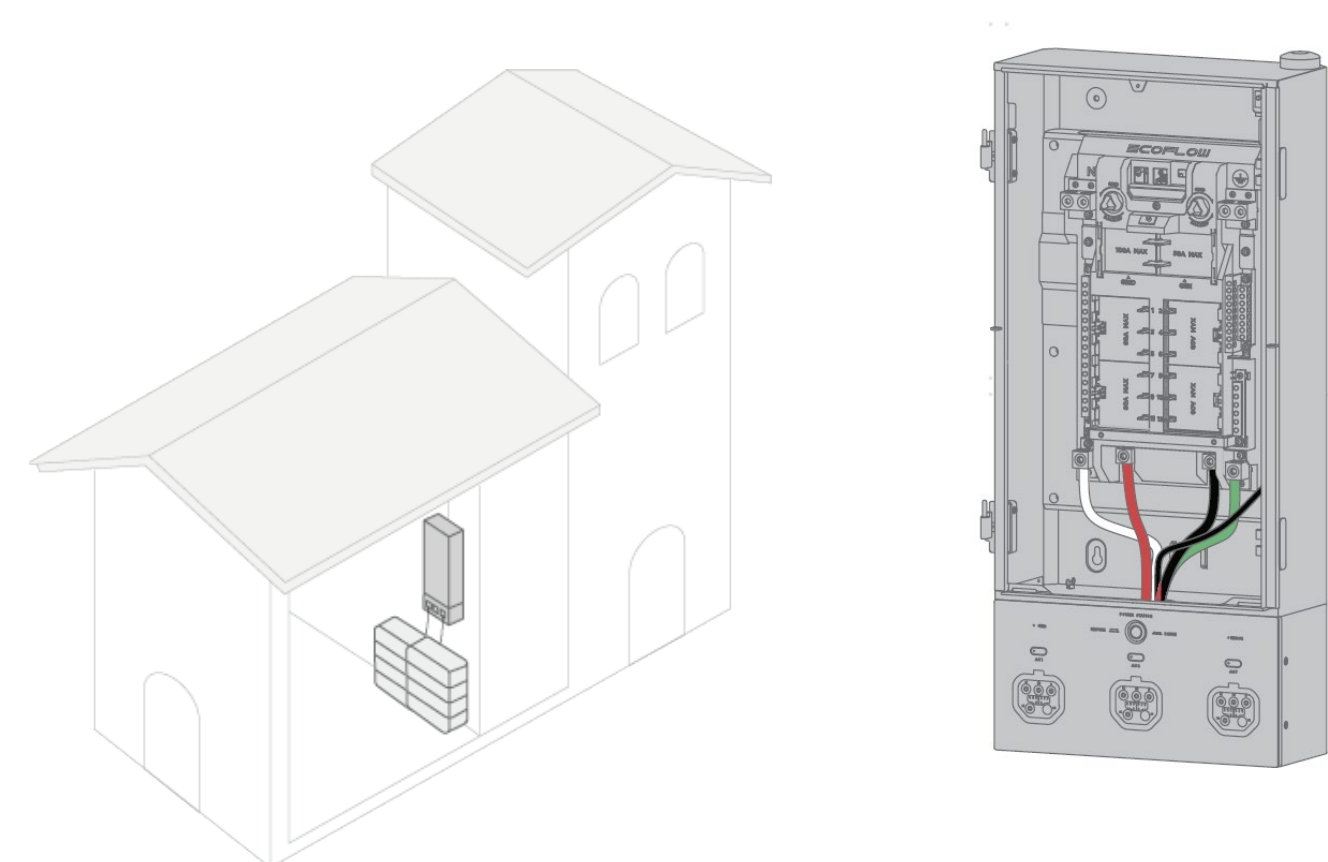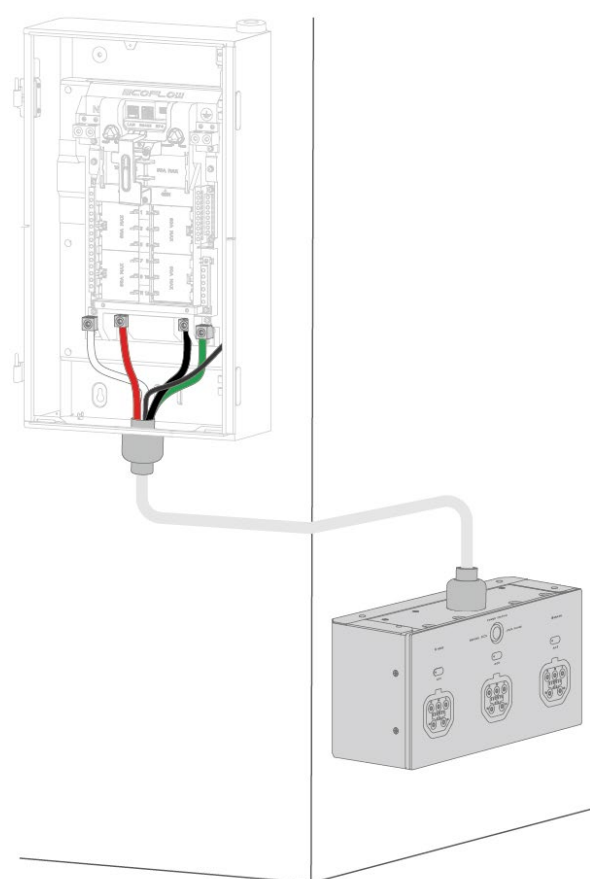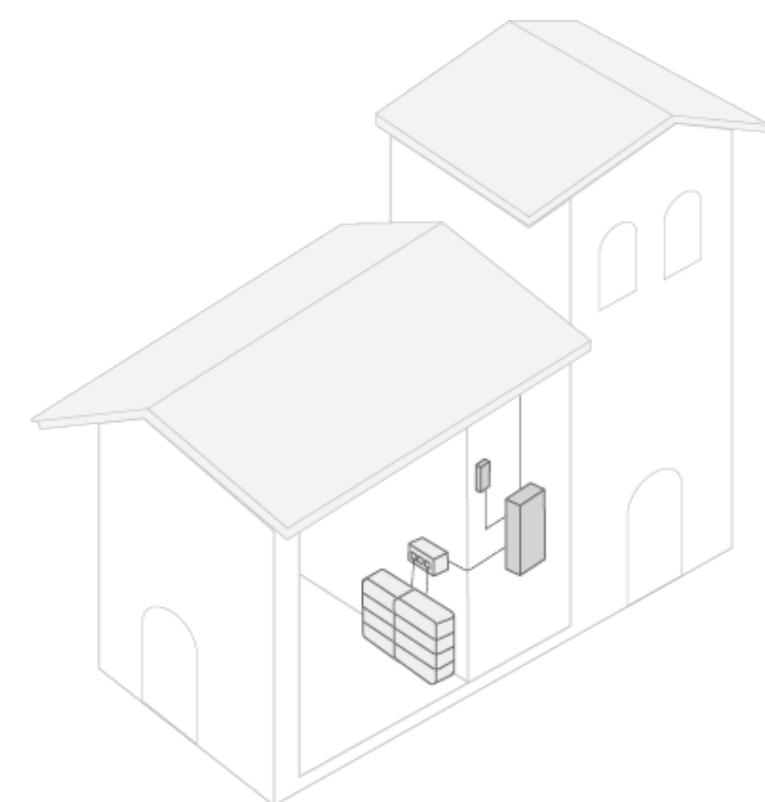
ECOFLOW

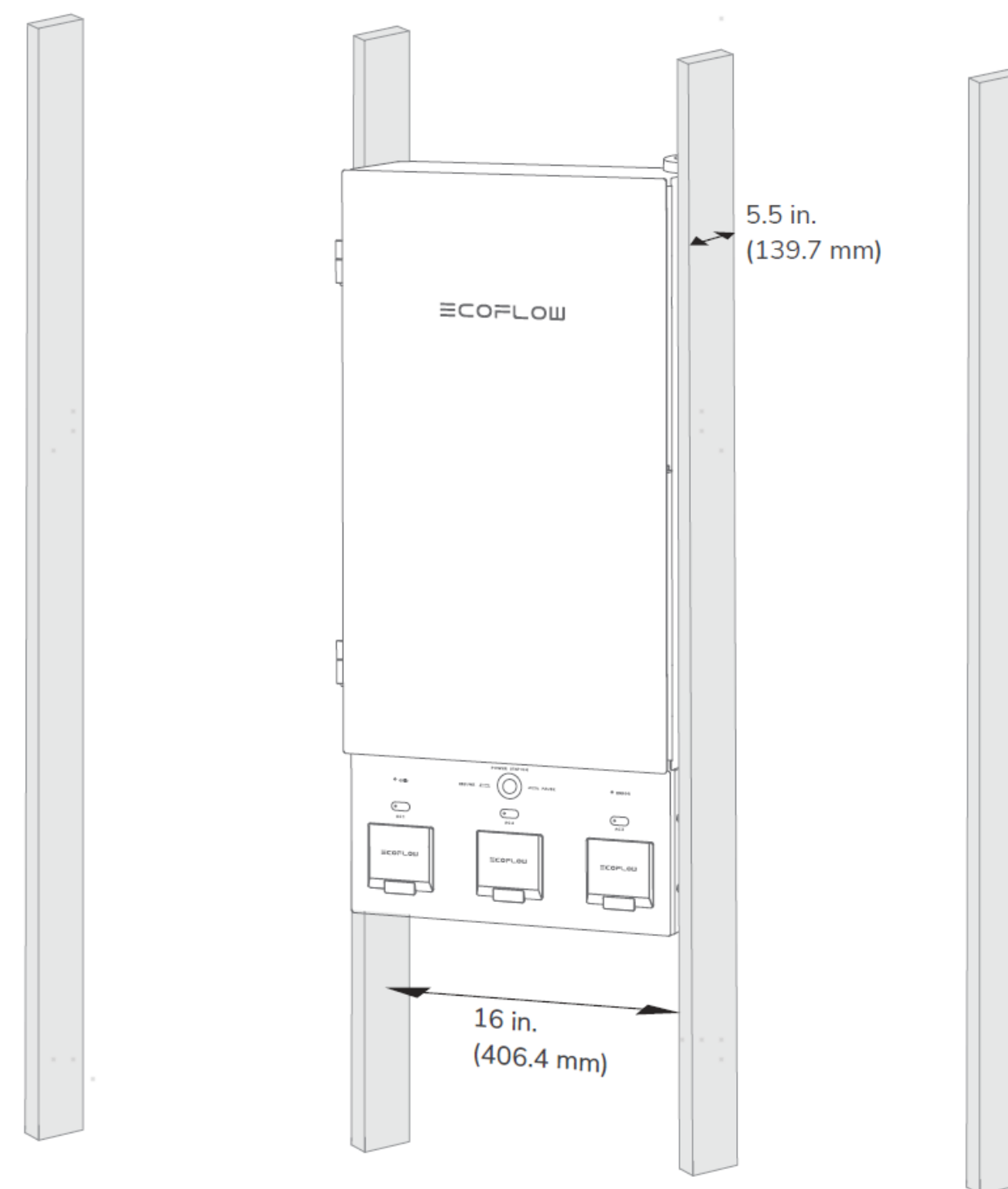# How to install Smart Home Panel 2

How to Install the Panelboard

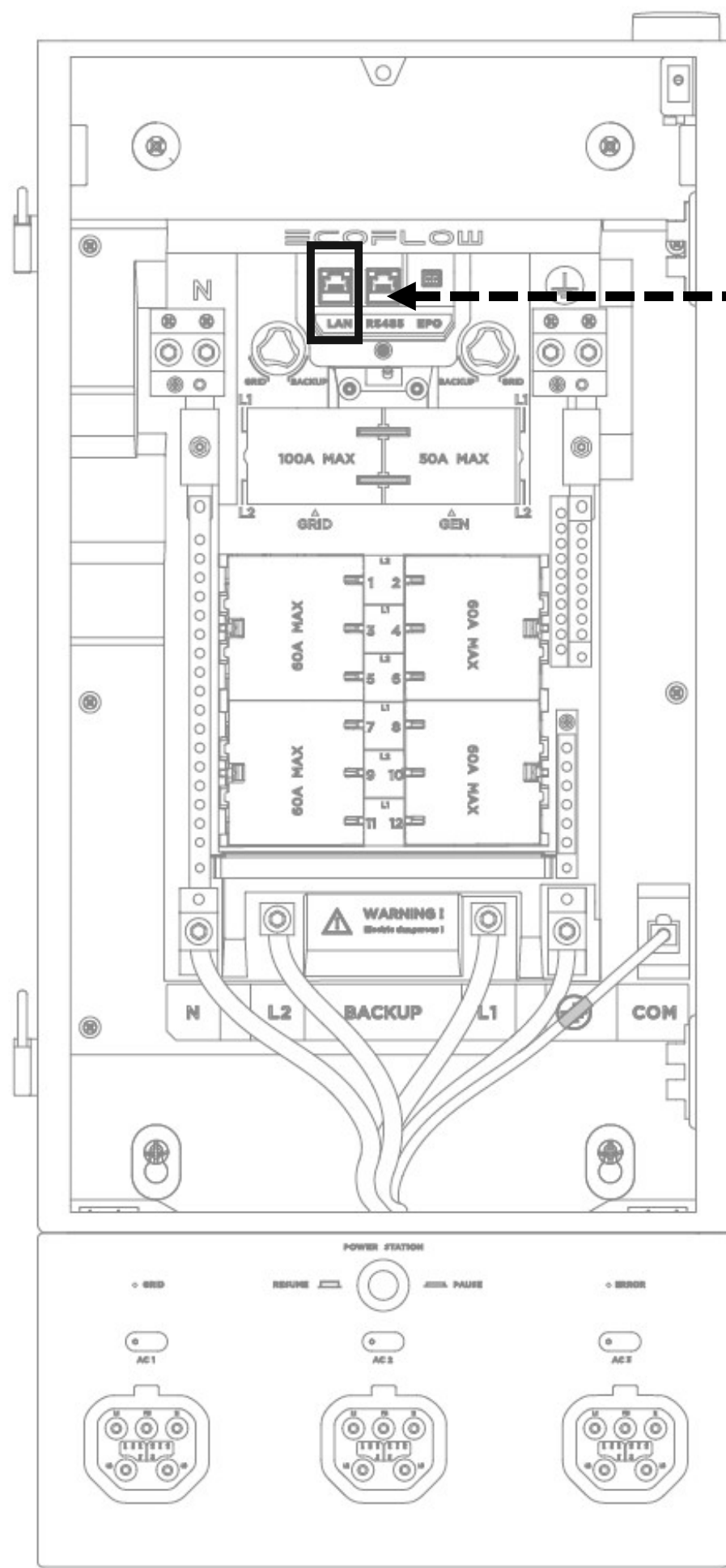## Installation scenarios

1. Install the entire SHP2 indoors

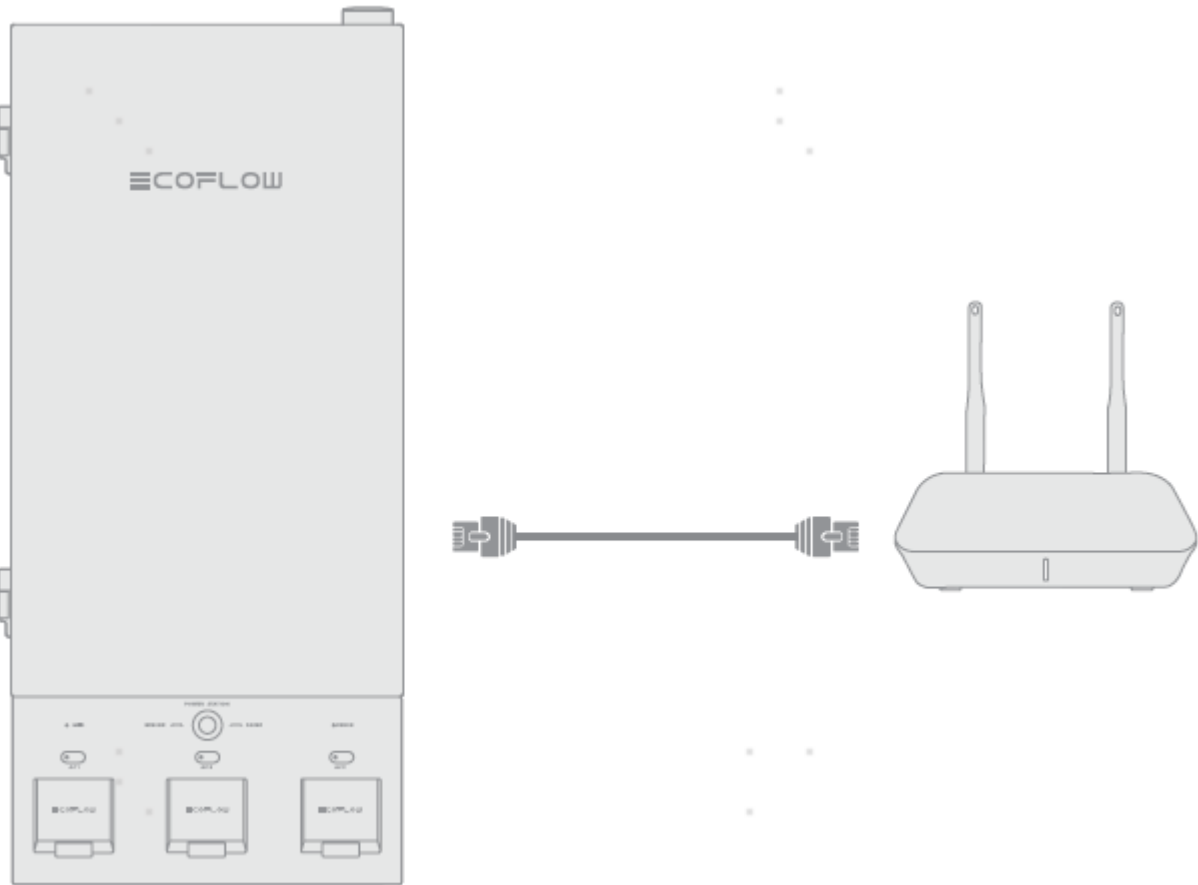2. Install the distribution panel and the battery connection box separately

5.5 in.
(139.7 mm)

16 in.
(406.4 mm)

3. Surface-mounting & flush-mounting

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How to Install the Panelboard

Internet Access

Wired Connection

Wireless Connection

How to Install the Panelboard

Wiring

OFF

OFF

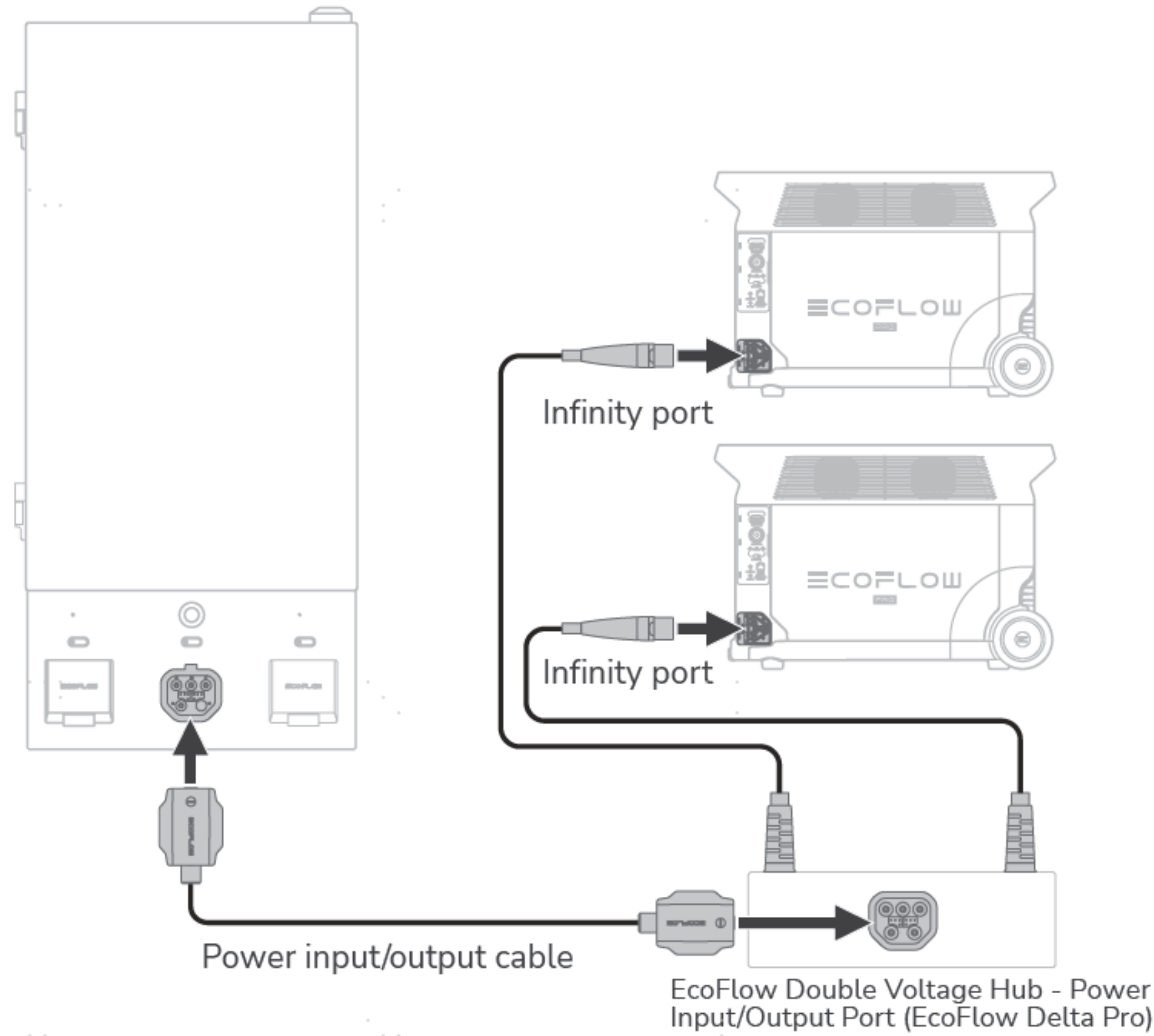Main panel
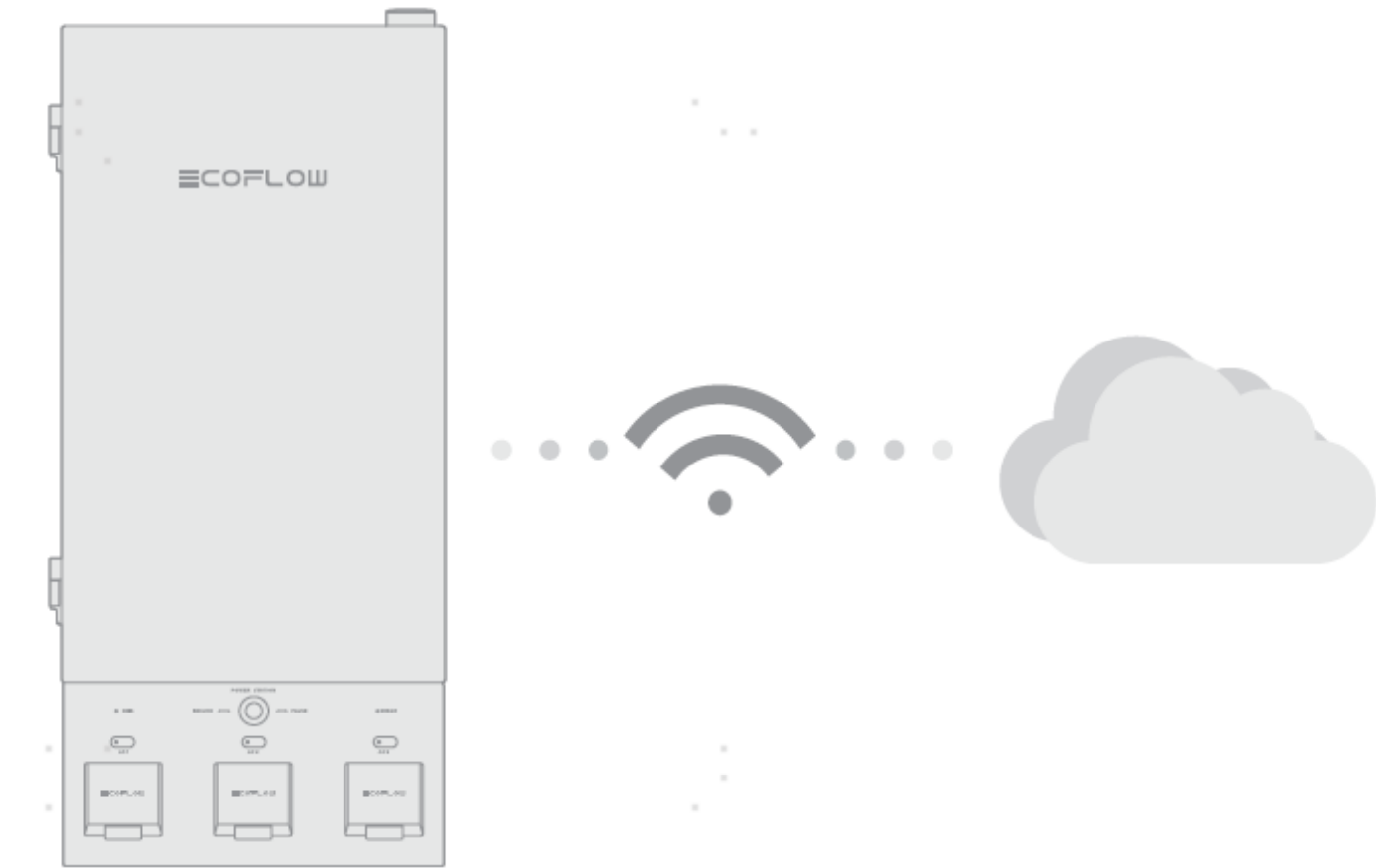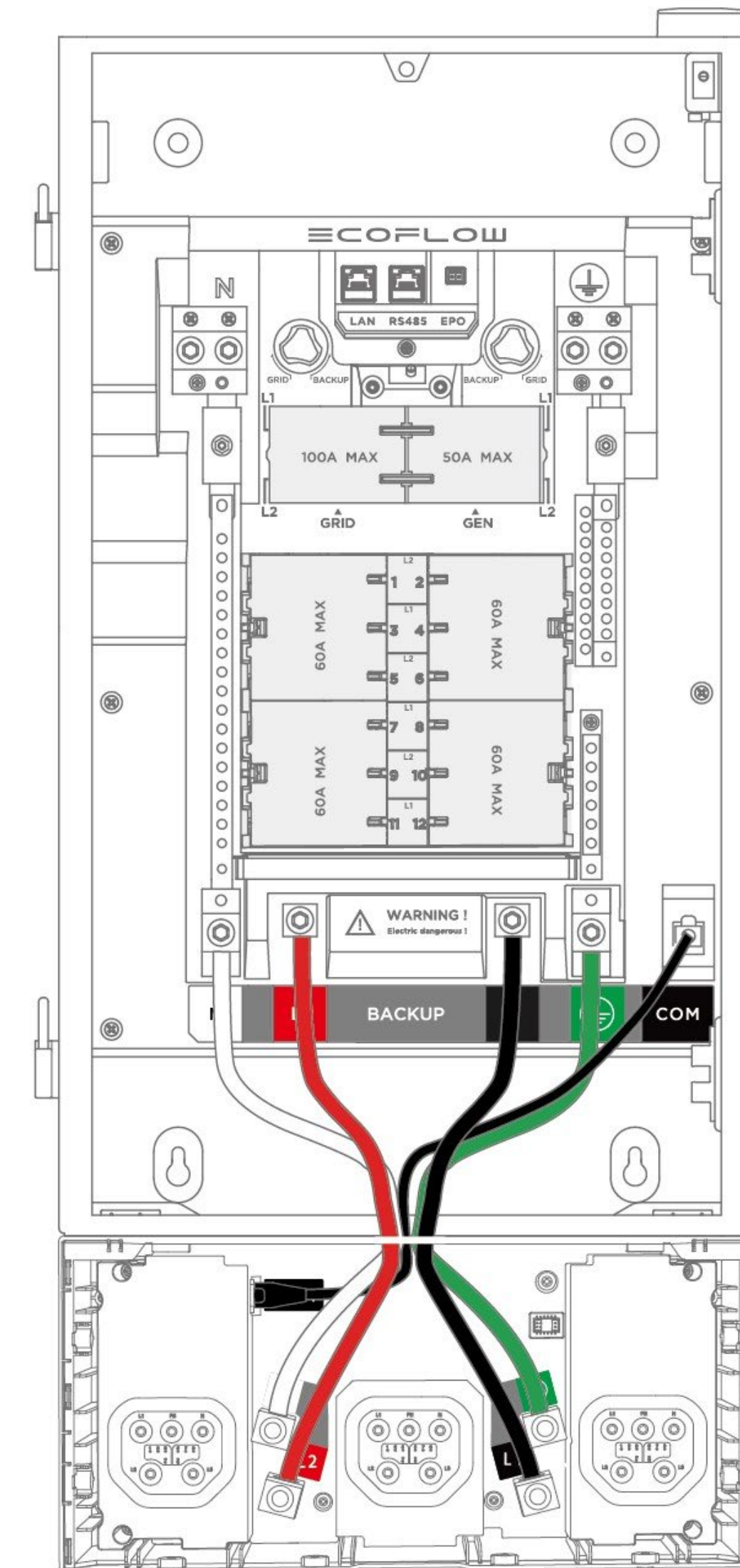
Connecting to EcoFlow PPS

A. For DELTA Pro Ultra, up to 3 sets
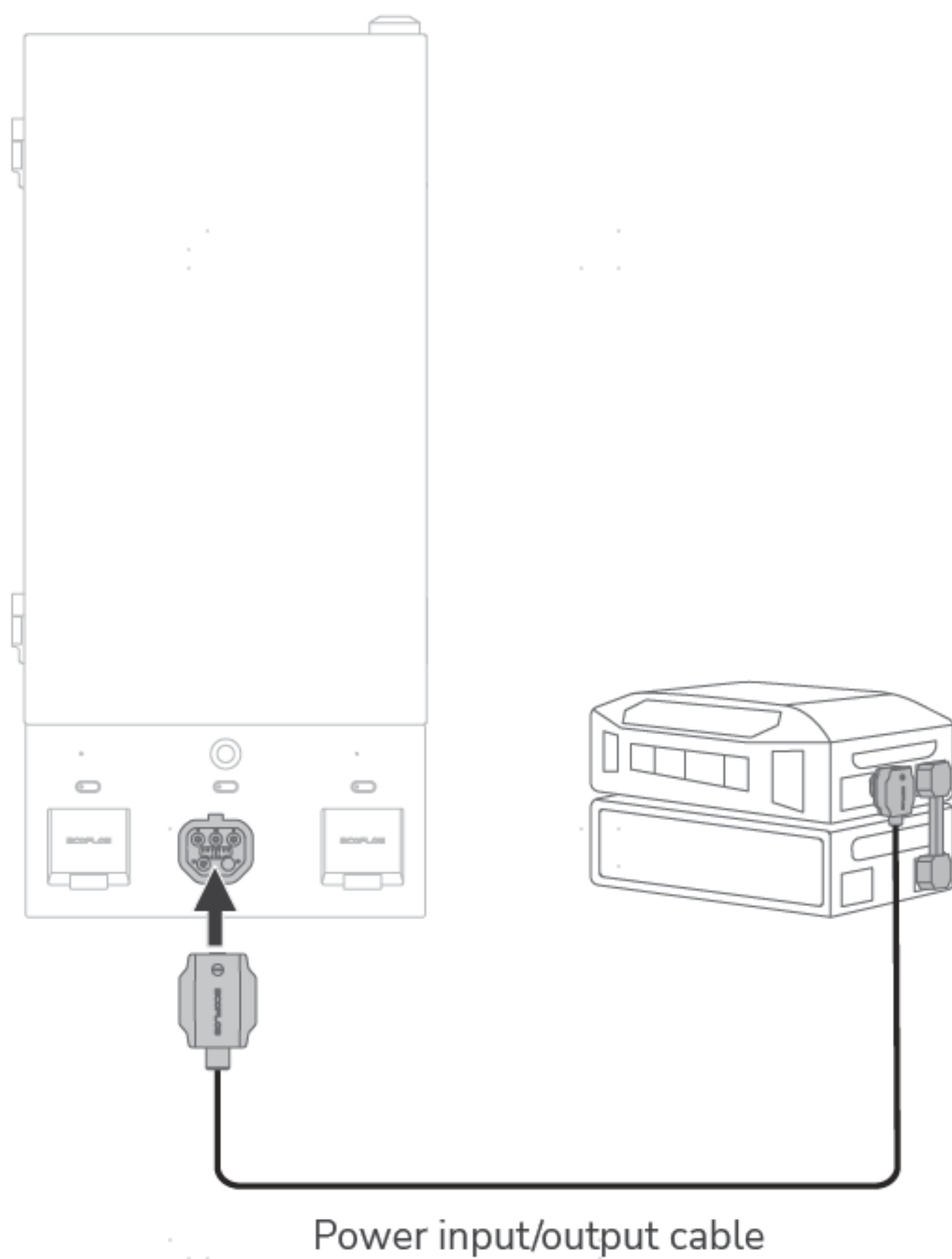
B. For DELTA Pro, up to 2 sets

Infinity port

Infinity port

Power input/output cable

Power input/output cable

EcoFlow Double Voltage Hub - Power
Input/Output Port (EcoFlow Delta Pro)

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Key Notes

- Single largest load ≤ 60A

- Remove and install the interlock before and after wiring

- Don't forget the communication cable

- Materials that should prepared in advance : 2 x 100A circuit breaker, 1 ½ inches conduit fittings(install separately)

- Check the compatibility of the existing circuit breakers

- Only supports Plug-in type breakers with a pigtail and does NOT support breaker with a plug-on neutral breakers

- GFCI/AFCI circuit breaker CANNOT be used as main breaker

- Cannot work with Generator that has a bonded neutral
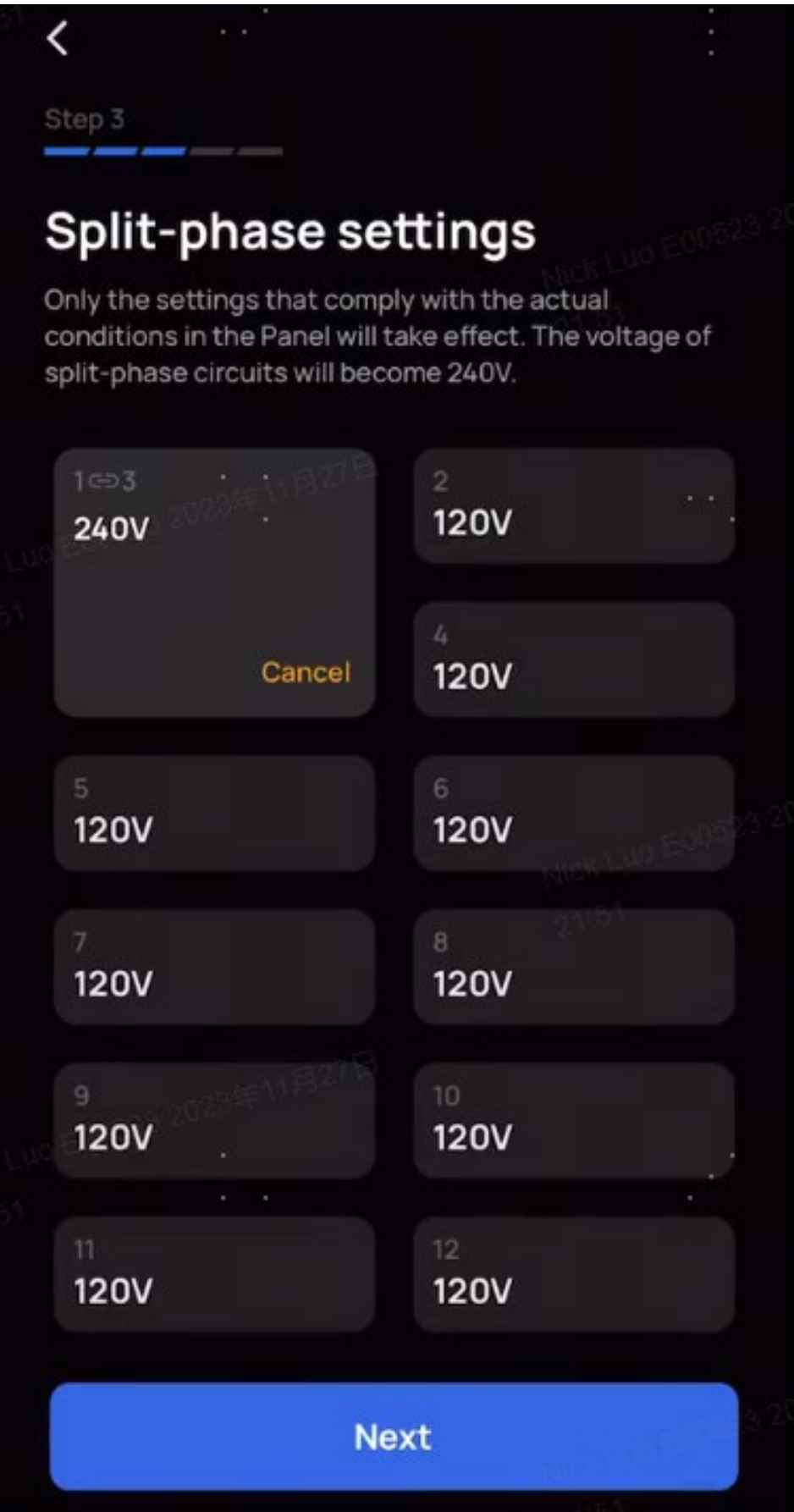
Commissioning Guide
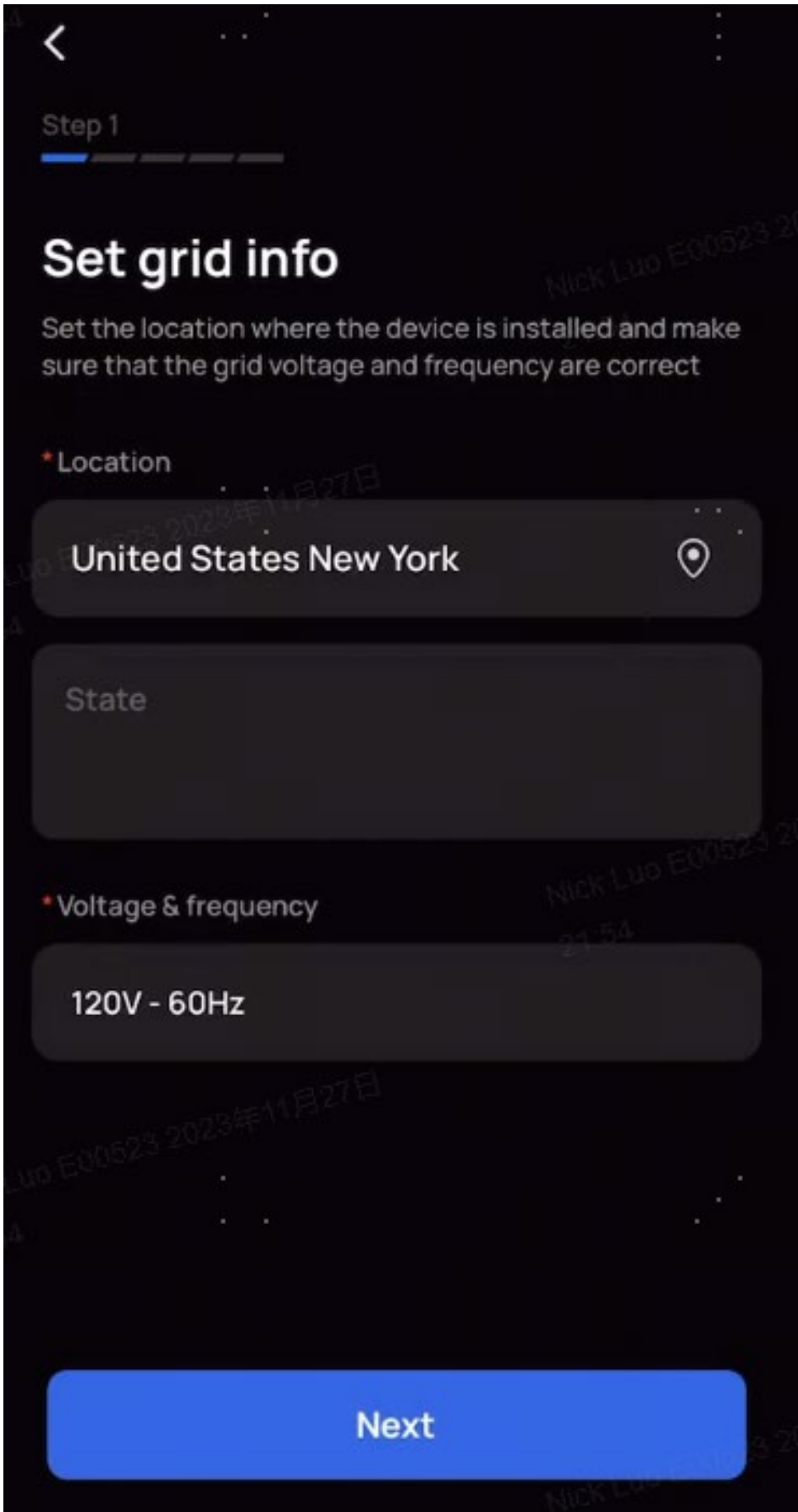
Step 1: Set grid info

Step 2: Set maximum current for main circuit and generator circuit
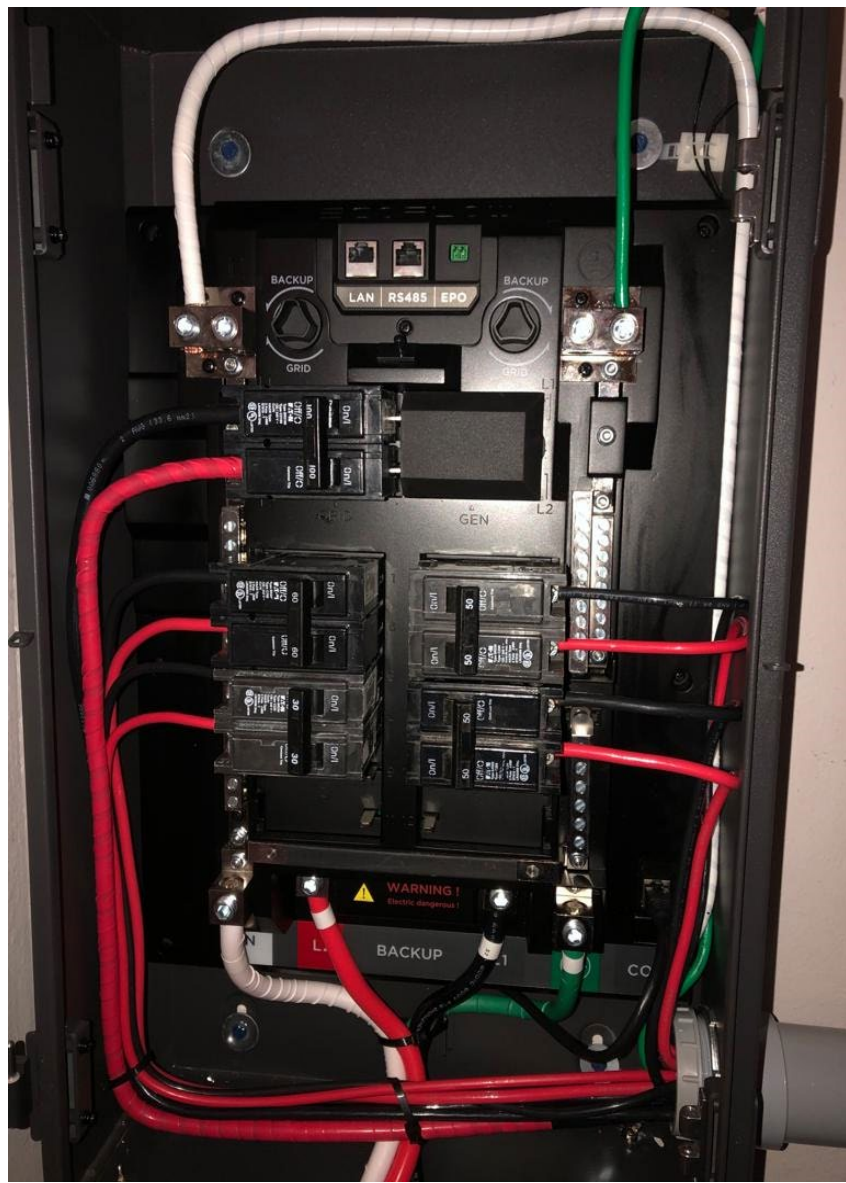

Step 3: Set maximum current for branch circuits

Step 4: Set split-phase for branch circuits

Step 5: Circuit info review

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Real-Life Cases

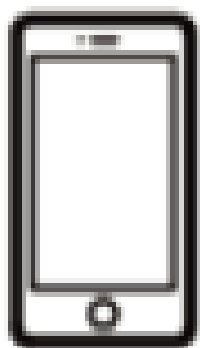Support

Support from EcoFlow

资源和材料包

Smart Home Panel
2 Installation Guide

FAQs

APP User Manual

Smart Home Panel
2 User Manual

Installation & Commissioning
Tutorial Video

Tech Support

Contact customer support
+1 (800)-368-8604
 9:00-21:00 (Mon to Fri EST)

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Thanks for Watching.

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