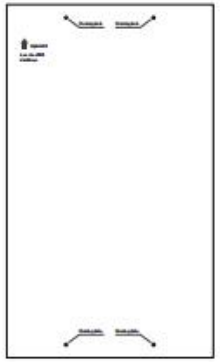
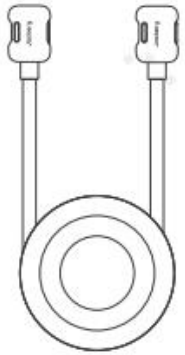
Package List

① 

Jackery Smart Transfer Switch

② 

Marking-off Template

③ 

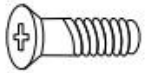
Power Input/Output Cable

④ 

User Manual

⑤ 

2*Wall Bracket

⑥ 

4*M4 Phillips Flat Head Screw
(secure wall brackets to Smart Transfer Switch)

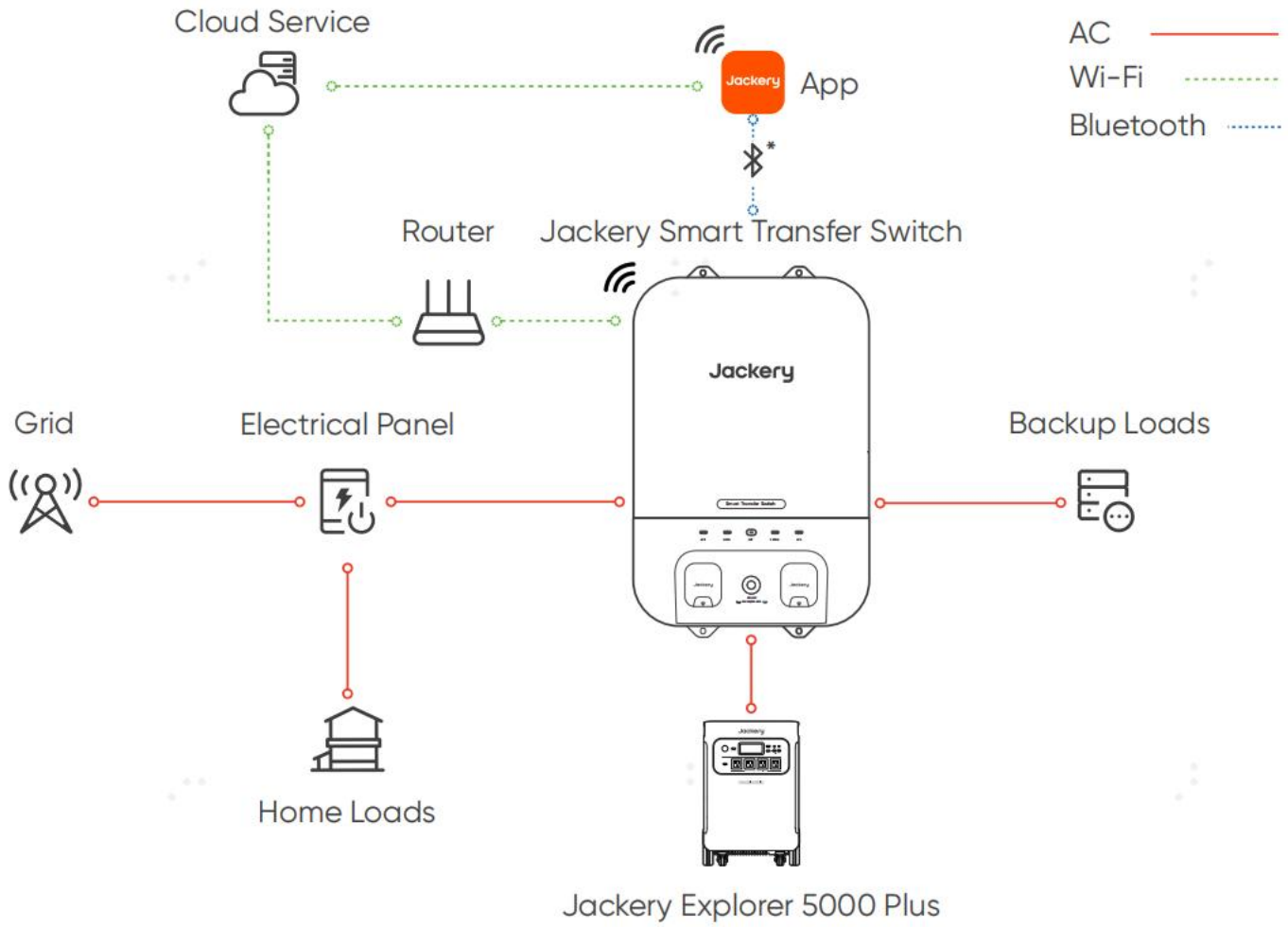
What You Need

 100A Circuit Breaker (×1) For electrical panel	 Conduits	 Connector	 Cables (Please purchase according to the table below.)	 4*M6 expansion bolts or 4*M6 self-tapping screw (Secures STS)

Wiring specifications needed.

Cable		Color	Current	Gauge
Grid (Connect to Electrical Panel)	L1	Black	100A Max	2 AWG
	L2	Red		2 AWG
	N	White		2 AWG
	GND	Green		6 AWG
Home Loads (Connect to 12 Branch Circuits)	L1	Black	30A Max	14 AWG -10 AWG
	L2	Red		14 AWG -10 AWG
	N	White		14 AWG -10 AWG
	GND	Green		14 AWG -10 AWG

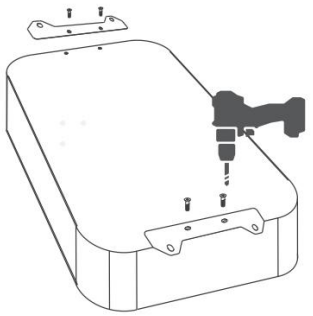
System Overview



The STS needs to be installed behind the home's sub-panel. It requires a WiFi connection to operate. If WiFi is unavailable, it can connect via Bluetooth, but its functionality will be limited without WiFi.

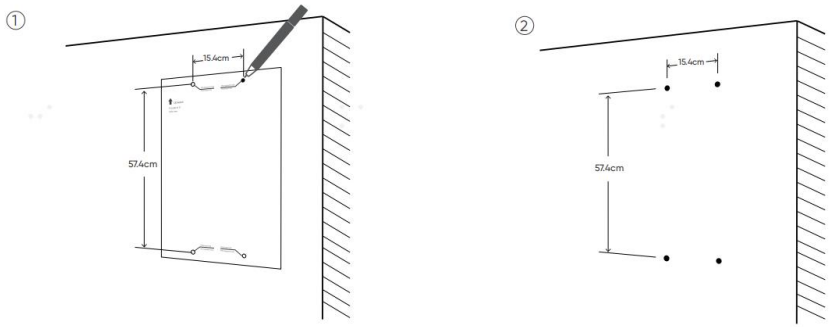
Installation Guide 1 - Surface Mounting

1



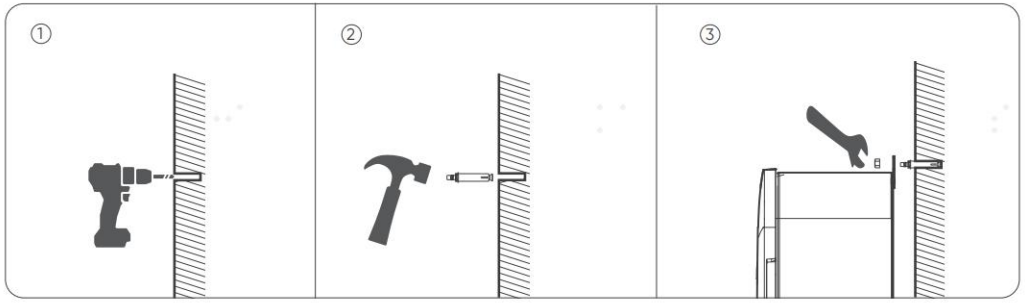
1. Install the upper and lower wall brackets on the back of the Smart Transfer Switch using 4 M4 screws. Tighten all screws with a torque of 0.8 N·m.

2



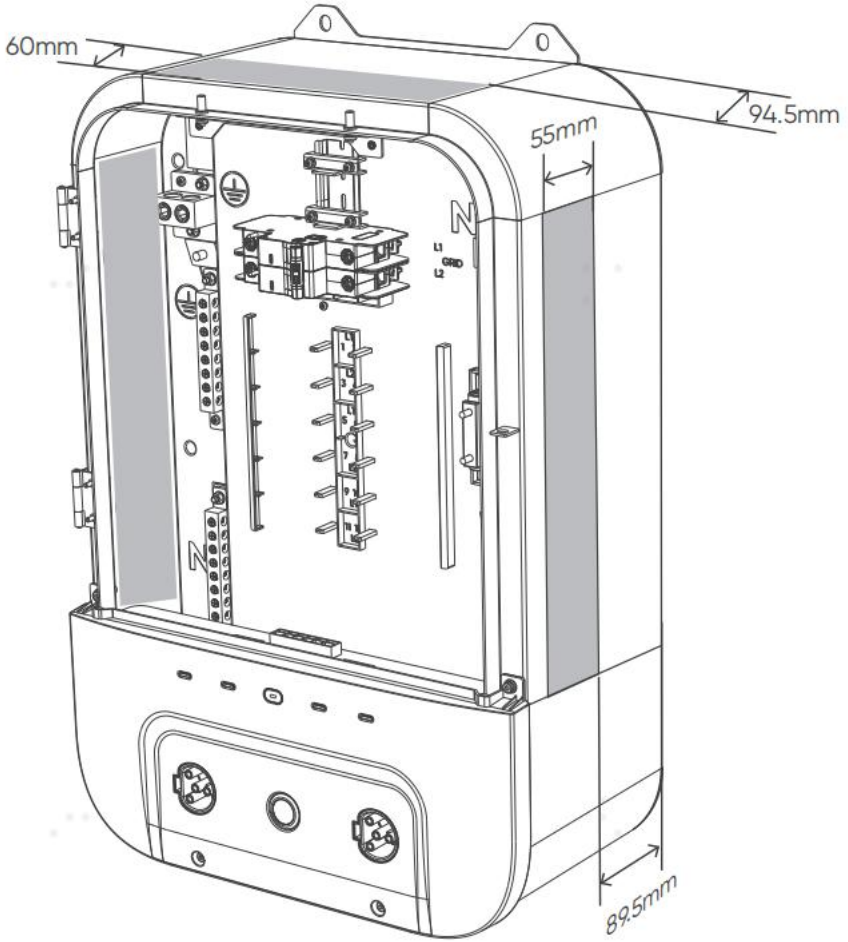
2. Secure the template on the mounting surface and carefully mark each hole location with a pencil.

3



3. Fasten the Smart Transfer Switch with 4 M6 expansion bolts or M6 screws.

Installation Guide 2 - Selecting Cable Entry



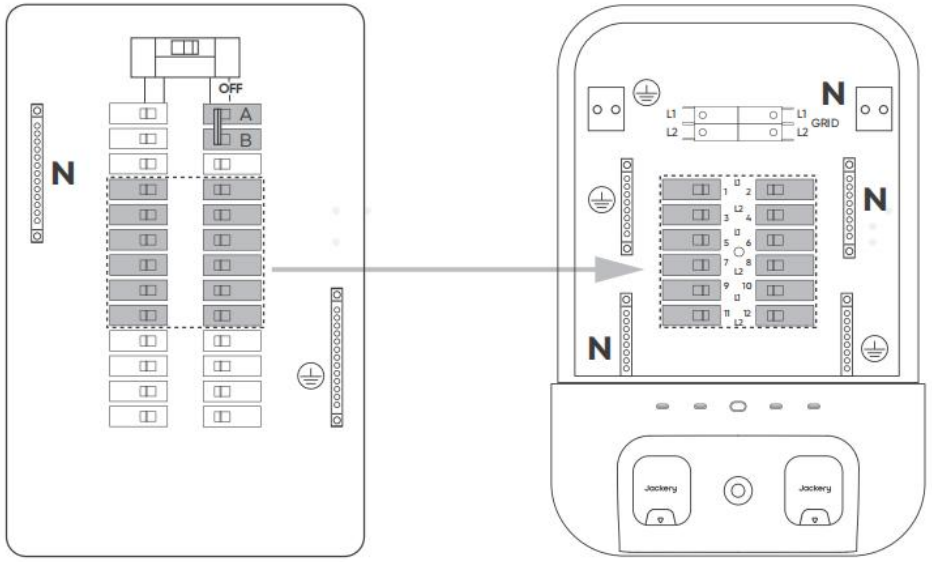
• During the drilling process, cover the interior equipment to prevent debris from falling into the equipment.

• Remove the debris after drilling to prevent interference with the equipment.

Permissible cable entry points

The gray area marked indicates where you can create wiring entry points.

Installation Guide 3 - Electrical Connections



Electrical Panel

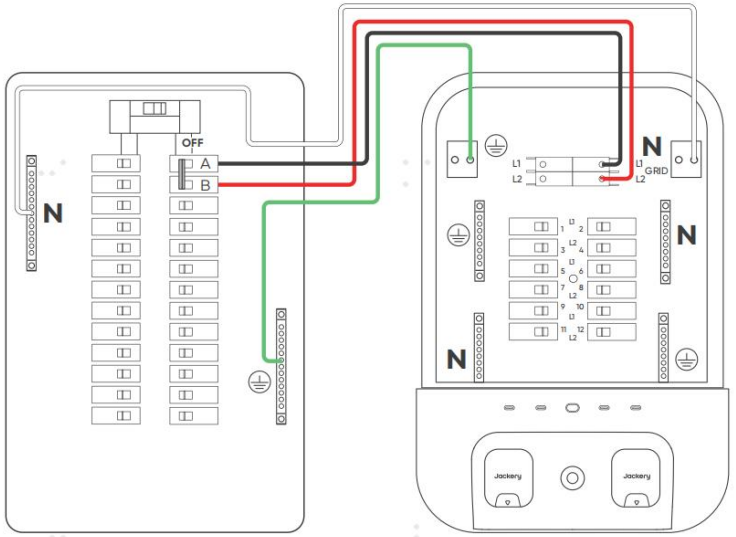
Jackery Smart Transfer Switch

Electrical Connections

- Installation of the 100A circuit breaker in the electrical panel is as shown in the picture(AB). It needs to be provided by an electrician or customer.
- The breakers in the transfer switch must not exceed 30A.
  As shown in the picture, you can move the breakers from electrical panel to the Smart Transfer Switch.

Installation Guide 4 - Connecting the Home Load Conductors

1 Connecting the Grid Conductors

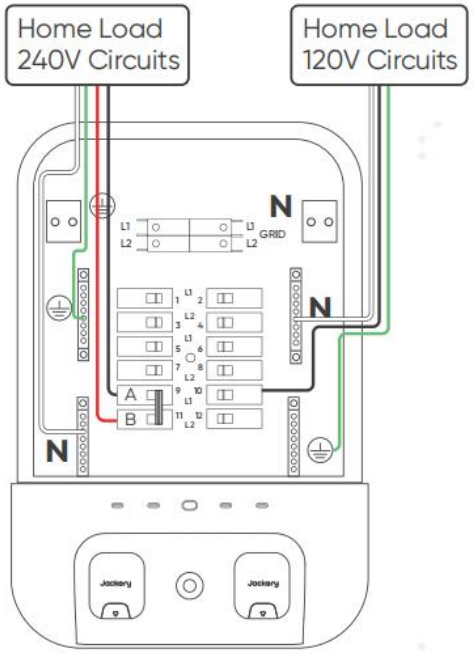


Electrical Panel

Jackery Smart Transfer Switch

- Connect the Hot wire, Ground wire, and Neutral wire from the electrical panel to the STS.

2 Connecting the Home Load Conductors



Jackery Smart Transfer Switch

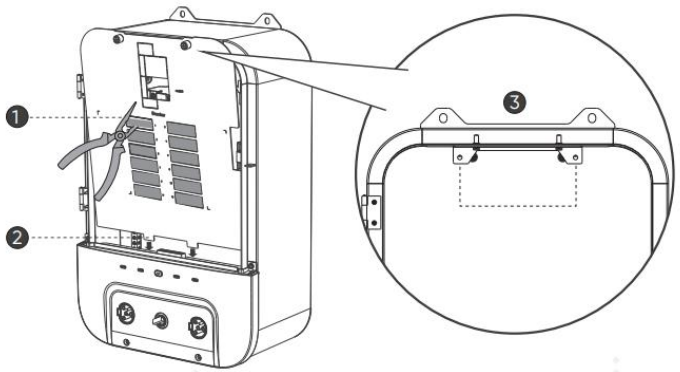
- The load circuit's Neutral wire, Hot wire, and Ground wires connect to the STS.

Conductor Tightening Torque

Grid	Torque	Strip Length	Home Load	Torque	Strip Length
L1	30.98 In-lbs/3.5 N·m	0.47" (12 mm)	L1	20.36 In-lbs/2.3 N·m	0.39" (10 mm)
L2	30.98 In-lbs/3.5 N·m	0.47" (12 mm)	L2	20.36 In-lbs/2.3 N·m	0.39" (10 mm)
N	46.02 In-lbs/5.2 N·m	0.47" (12 mm)	N	17.7 In-lbs/2.0 N·m	0.47" (12 mm)
GND	46.02 In-lbs/5.2 N·m	0.79" (20 mm)	GND	17.7 In-lbs/2.0 N·m	0.47" (12 mm)

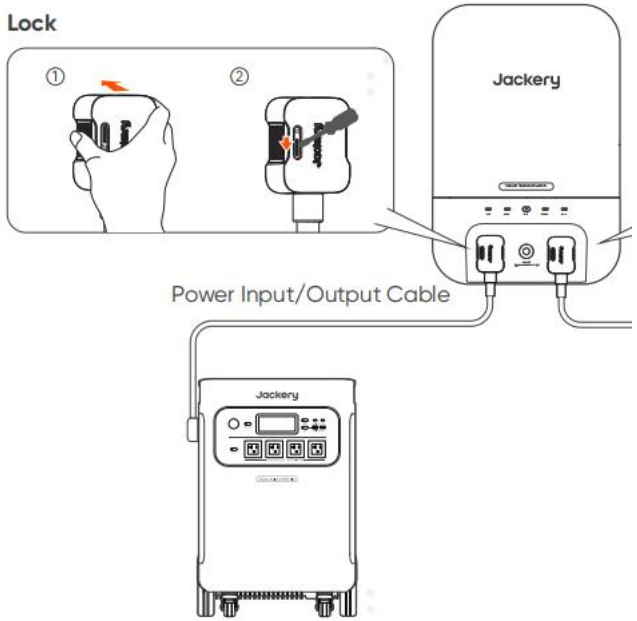
Installation Guide 5 - Completion of Installation

1 Installing the Deadfront Cover



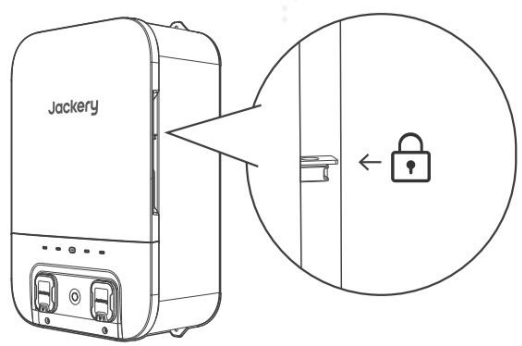
- Safety Interlock Switch under deadfront cover. Shut off output of the entire system immediately after removing the deadfront cover.

2 Connecting with Power Station



- The power input/output cable’ s plug need to be locked after connecting to the STS and E5000Plus.

3 Locking the Panel



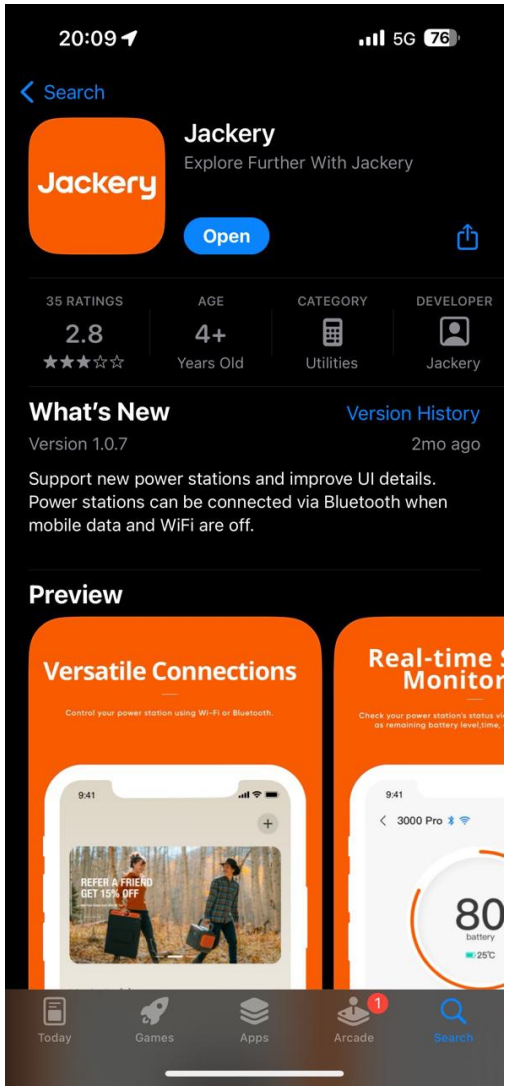
- Lock the STS using a padlock.

Internet and Initialization Setup 1 - Download App and log in

Use the customer's phone search for "Jackery" in Google Play or App Store to install the App, or scan the QR code.

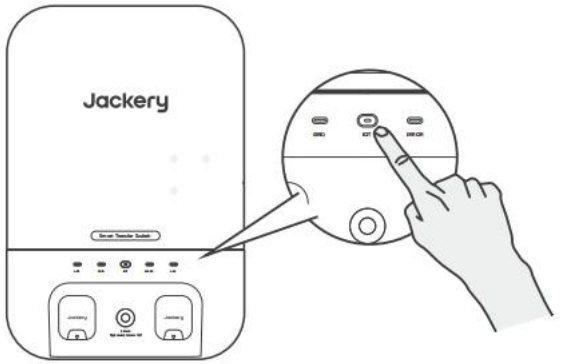
Available on the App Store

GET IT ON Google Play



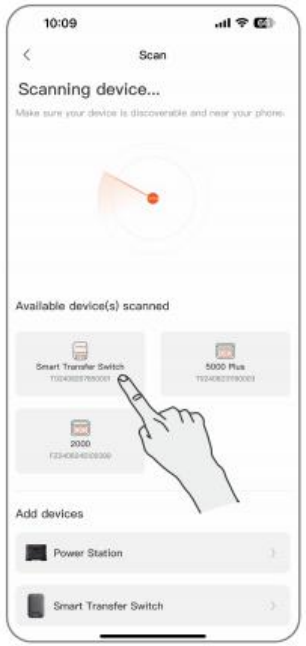
Internet and Initialization Setup 2 - To add device

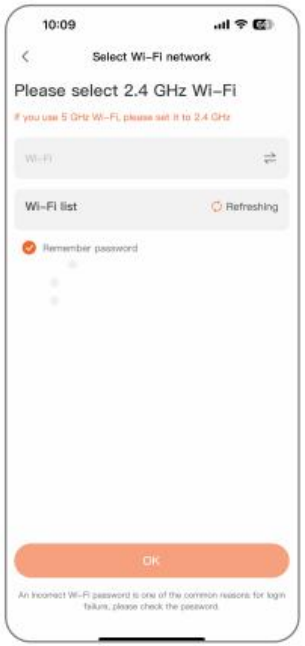
1 **Press the IoT button to enable Wi-Fi and Bluetooth; the IoT light will start flashing.**



2 **Add the device and connect to the Wi-Fi network.**





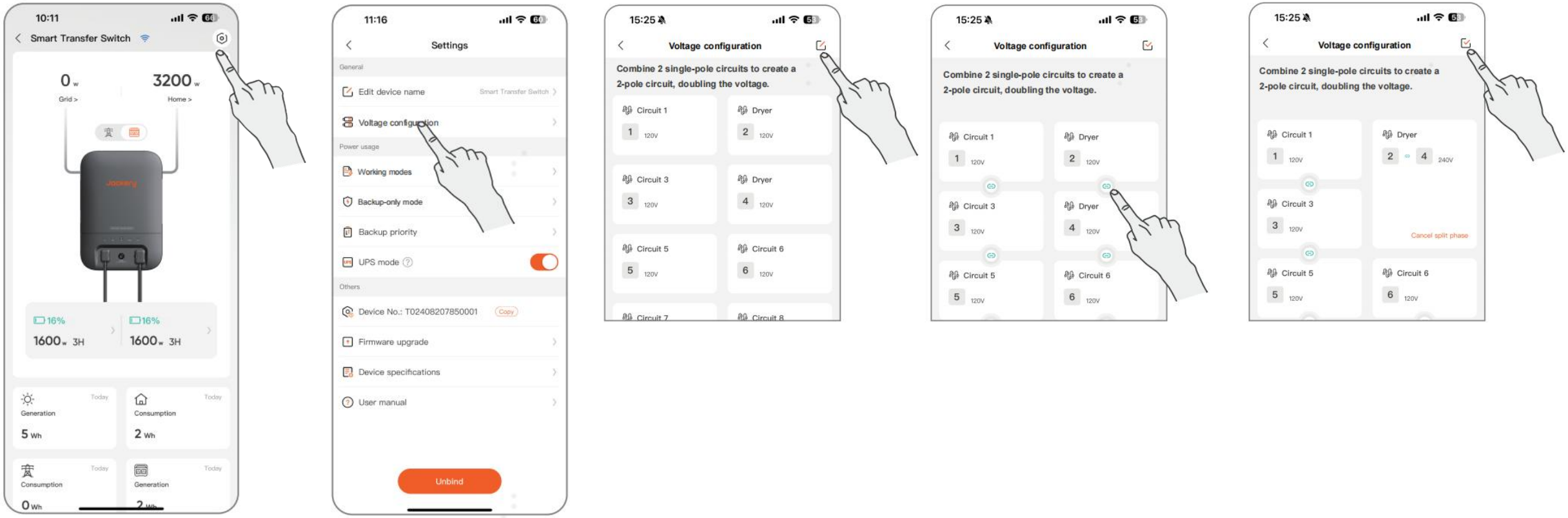


3 **Successfully added.**



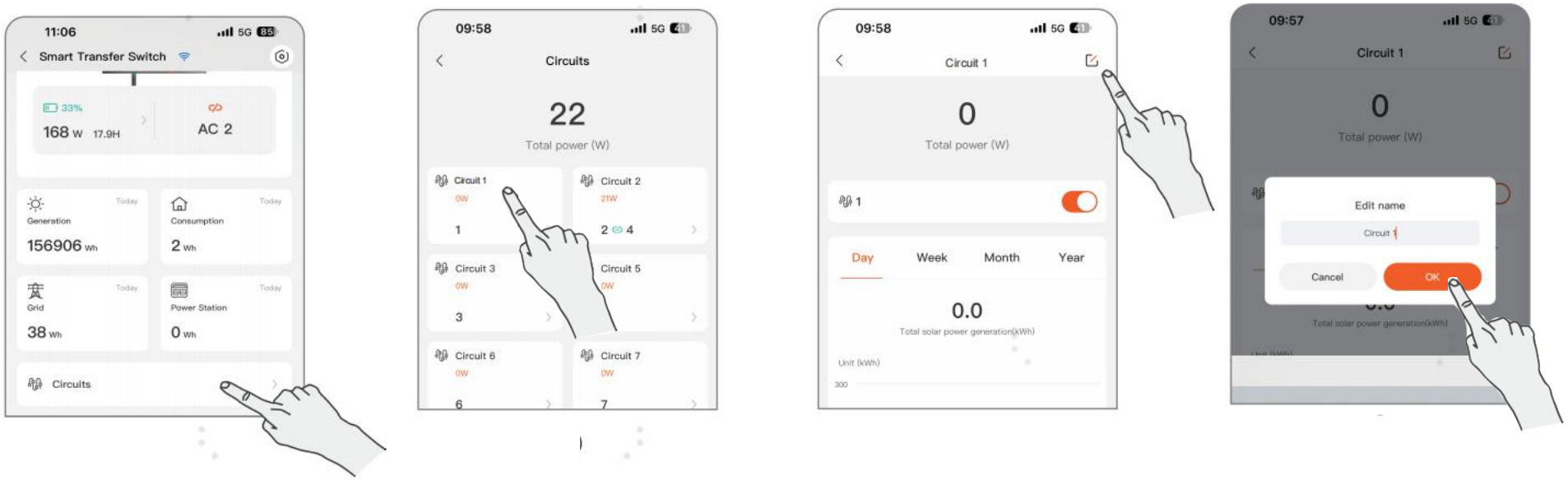
Internet and Initialization Setup 3 - Voltage configuration

Combine 2 single-pole circuits to create a 2-pole 240V circuit.



Internet and Initialization Setup 4 - Edit circuit name

Update the circuit names based on the actual connections made during installation.



Installation complete

