APP User Manual for Smart Home Panel

ECOFLOW
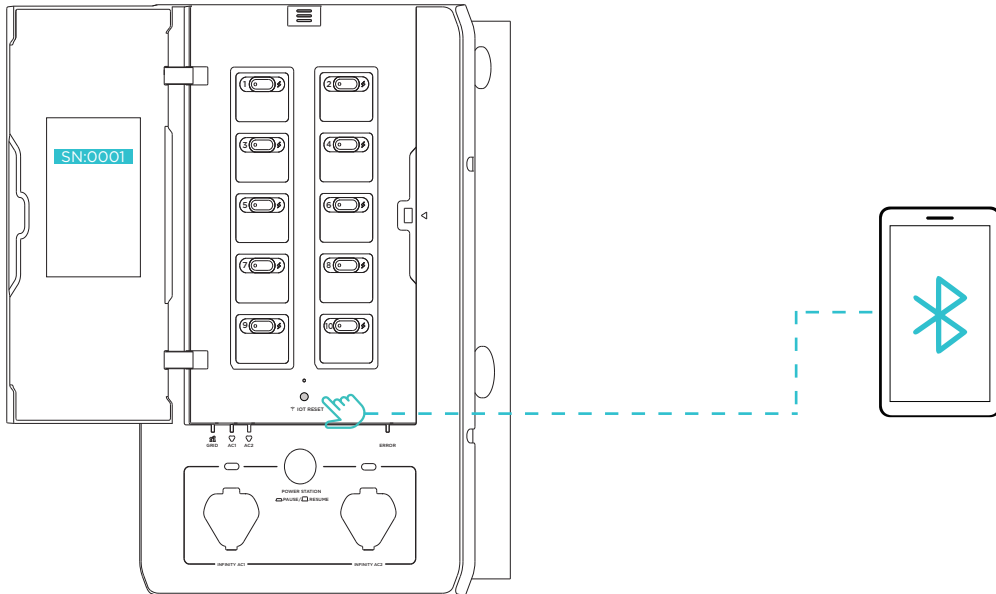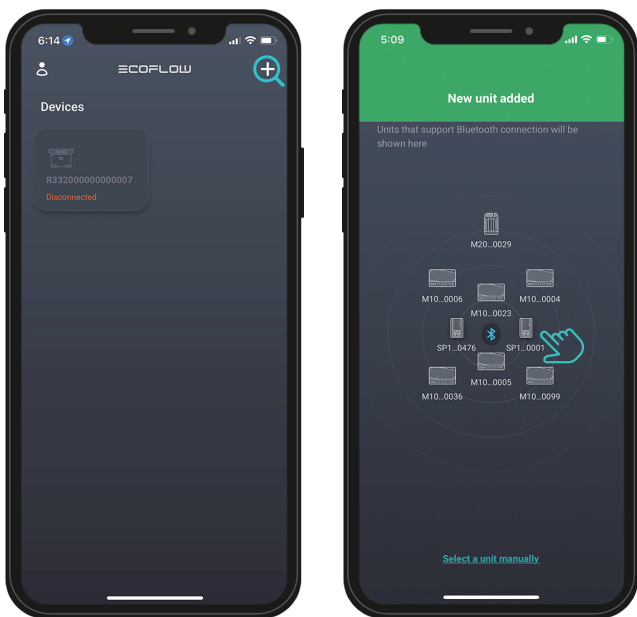
Content

How to Connect Devices

1. Enable Bluetooth

After supplying power to the SHP, open the front cover and short press the IOT button. Meanwhile, enable Bluetooth and Wi-Fi on the mobile phone.
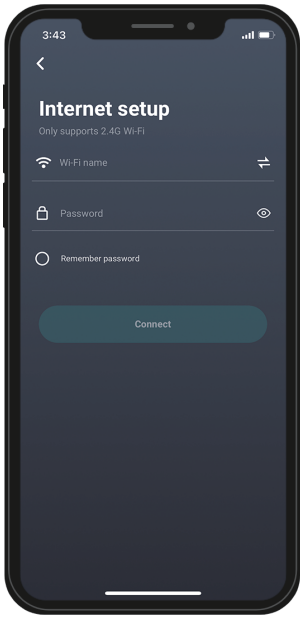

2. Search for devices

Open the Ecoflow app[1], click the Add(+) icon in the upper-right corner to search for devices, and tap the device icon with the required serial number (SN) to connect the device.

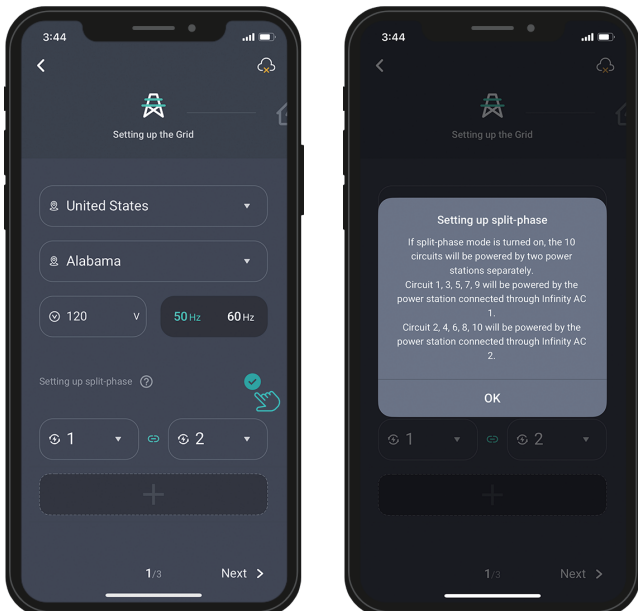[1]If you do not have an EcoFlow account, register it as instructed in the app.

2.Internet Setup

Enter the name and password of your Wi-fi access to complete the network configuration① and then enable the IOT mode.

How to Configure Parameters

1. Setting up the grid

Select your country and state②, and the system will automatically adapt to the local grid parameters. If there is any error, you can also modify the parameters manually.

If the local voltage is less than 120 V, you can enable the split-phase③ function.

①If you skip the step of configuring the network, you can view only 7 days of electricity consumption data in the app. You must reconfigure the network before you can view 30-day data.
②If you need to reconfigure your location, navigate to "Decive Homepage > Settings".
③Setting up split-phase: In areas where the single-phase grid voltage is less than 120 V, you can enable the split-phase function to connect to a high-voltage (240 V) load.
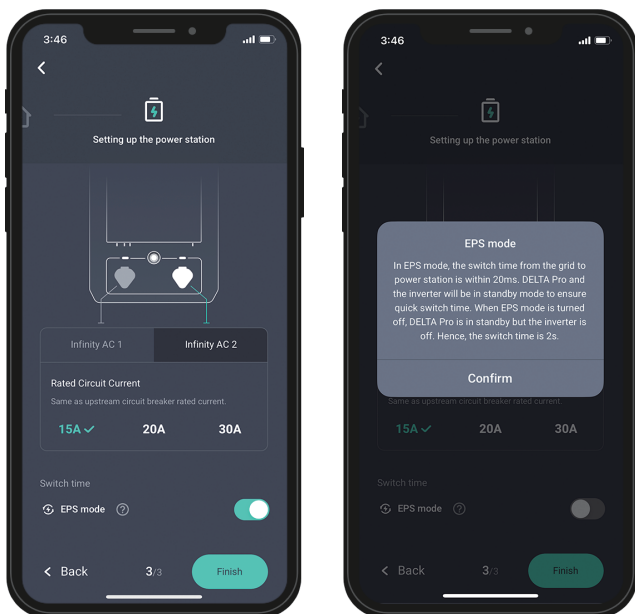
2. Setting up My Home

You need to configure the parameter settings[①] for 10 household power circuits, including enabling or disabling each power circuits and setting a custom name and icon for each power circuits.

When setting the rated current of a circuits, refer to the rated current of the circuits in the circuit breaker of SHP.

3.Setting up the Power Station

Infinity AC1 and AC2 respectively correspond to the charging ports of two DELTA Pro devices. Set the rated current based on the power circuits connected to the DELTA Pro charging port.

You can also enable the EPS mode in case of emergencies.

①If you want to adjust the parameters of the power circuit, go to "Device Homepage - ⚙ Settings" in the upper-right corner, and find the circuit option to modify it.

4. Device Wiring Testing

During the initial circuit connection of SHP, the app throws out a Device Wiring Testing after you have configured the parameters.

If you have reconfigured the circuit connection after using it for a period of time, find Device Wiring Testing by navigating to "Device Homepage - ⚙ Settings" in a timely manner to conduct self-check so as to ensure that the circuits is correct.

During Device Wiring Testing, all load circuits in the SHP are disconnected, and the AC output/input ports of DELTA Pro are off.

The self-check duration is about one second.

If you are prompted with a wiring error, check manually as instructed (as shown in the left figure).

If the Device Wiring Testing passes, the app throws out a prompt stating that the check succeeds[1], and you can start using the SHP with confidence.

[1]If the device wiring testing passes, you still do not see the prompt stating that the check succeeds, you can take the following measures to solve this issue:
If you have configured the network, check whether Wi-Fi is faulty. After confirming that the network is normal, restart Wi-Fi and try again.
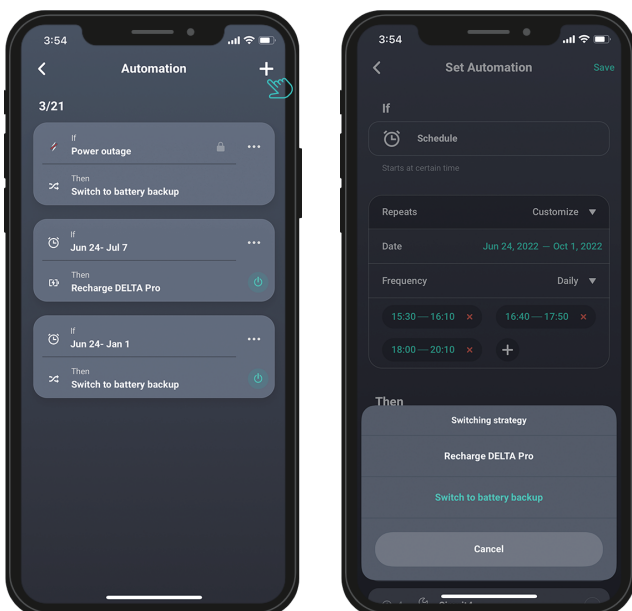If you are using the Bluetooth direct connection mode, the self-check passes if you do not see any failure prompt.
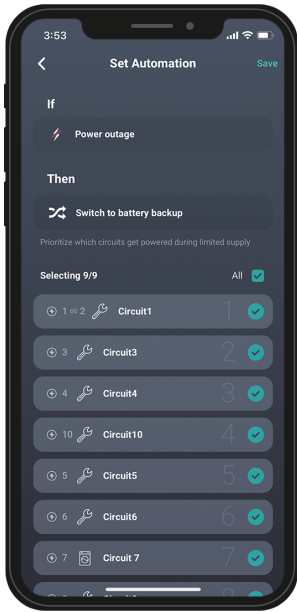
Common Functions

After configuring the parameters, you can go to the Device Homepage of the SHP to quickly try out its common functions.

Set automation

Get insight of your energy consumption history

Monitor and control the 10 circuits to extend the runtime during blackouts

Power ststion usage overview

Basic settings

Reconfigure the network

10:30

SP10ZEW4ZE2Q0001

Usage
12.96
kWh

2.35 kW

1.22 kW

Power consumption overview

Power stations
0.00kW

Monitor and control your power stations

DELTA Pro 1
Disconnected

DELTA Pro 2

33%

1. Set Automation

3:54
Automation
3/21

If
Power outage
Then
Switch to battery backup

If
Jun 24- Jul 7
Then
Recharge DELTA Pro

If
Jun 24- Jan 1
Then
Switch to battery backup

3:54
Set Automation   Save

If
Schedule
Starts at certain time

Repeats   Customize ▼
Date   Jun 24, 2022 — Oct 1, 2022
Frequency   Daily ▼
15:30 — 16:10 ×   16:40 — 17:50 ×
18:00 — 20:10 ×   +

Then
Switching strategy
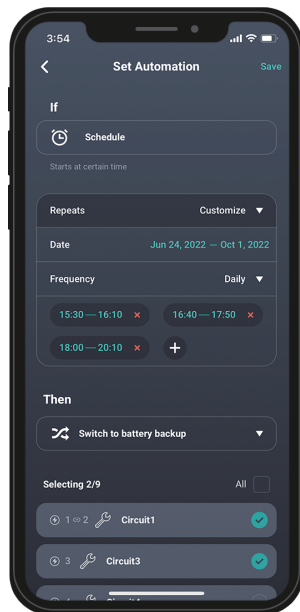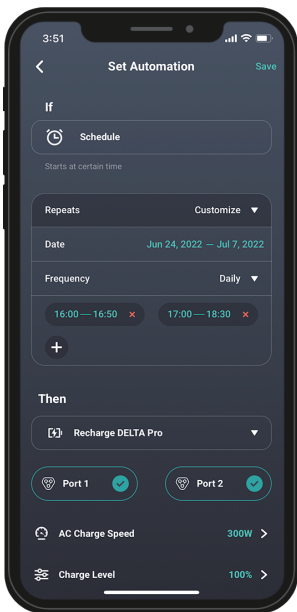Recharge DELTA Pro
Switch to battery backup
Cancel

You can enjoy a smarter and more stable power consumption environment by configuring a schdule to regularly charge DELTA Pro or regularly switch the power supply mode of the circuit.You can turn on this option by tapping the Add(+) icon in the upper-right corner of the "Automation" page.

Emergency backup policy

When the grid encounters an outage[①], the system automatically switches the selected circuit to battery backup. When the power capacity becomes insufficient, only the prioritized circuits will be powered.

You can adjust the priority of a circuit by long-tapping the icon for the circuit and dragging it up or down.

Recharge DELTA Pro regularly

You can freely set the charging period, charging port, and charge level[②] to avoid forgetting to charge the device, resulting in insufficient power.

Switch to battery backup regularly

You can regularly switch certain circuits to be powered by DELTA Pro, so as to stagger the peak power consumption and save your electricity costs.

2. Monitor and control the 10 circuits

On the circuit list page, you can view the power supply mode, real-time power, and total power consumption of each circuit. Tap the icon for a circuit to open the details page, where you can view the power consumption data of each circuit.

①In the case of grid power outage, if the emergency backup power policy conflicts with the timed power switching policy, the system prioritizes the emergency backup power policy.

②After you set the charge level, the system will charge the power supply to the set value (5% more or less) in the corresponding period. You can set the charging capacity based on your needs.

Device log

Tap to switch the circuit

Error report①

3. Overview of electricity consumption data 📊

On the "Dashboard" page, you can tap the options to view the total electricity consumption, total power station usage, and total grid power usage. In "Usage overview", you can switch between daily data, weekly data, and monthly data②.

①Click ERROR to view the error report. You can instantly find the exact exception of the product and view the correction suggestions for it. If you cannot solve the exception, contact our after-sales customer service with the product SN, error report screenshots, and a simple problem description.
②If you are using the Bluetooth direct connection mode, you can view only 7-day electricity consumption data in the app. You must reconfigure the network before you can view 30-day data.
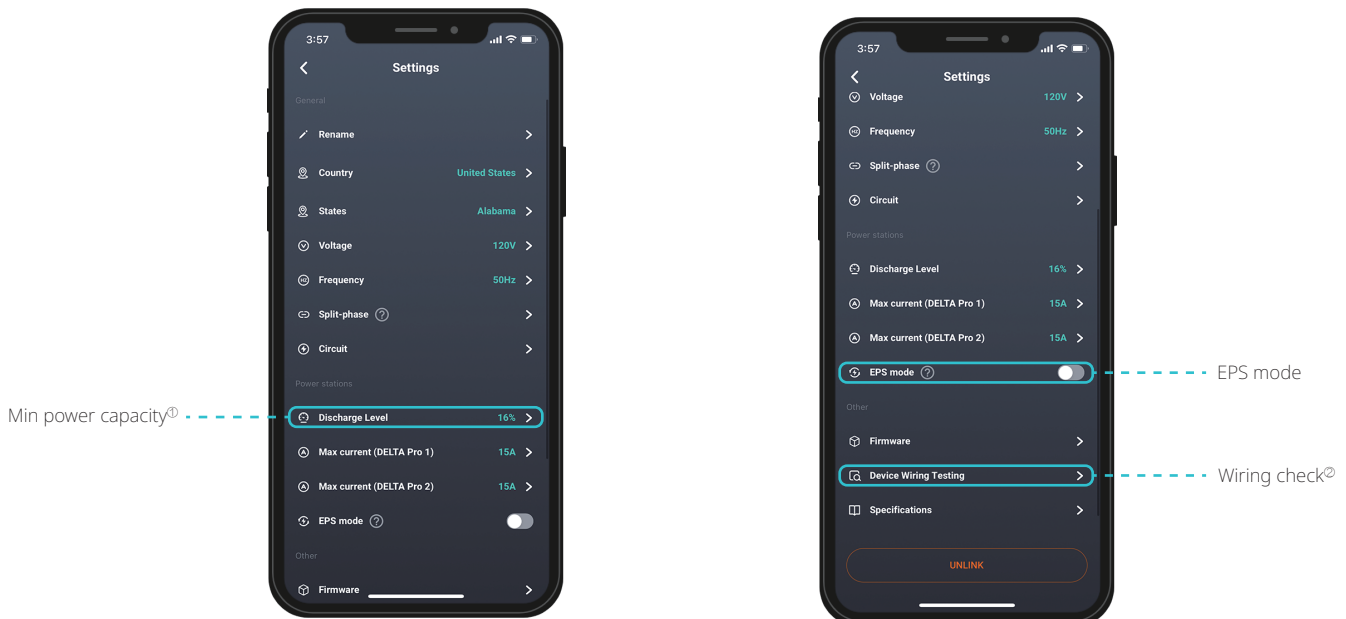
4. DELTA Pro operation page

On the operation page of DELTA Pro, you can quickly understand the working status of DELTA Pro. By tapping the "Recharge" button, you can manually charge the power station, and the system will charge DELTA Pro with a power of 1,600 W, which will be automatically stopped when DELTA Pro is fully charged. You can also turn off this option manually.

5. Settings ⚙

On the "Settings" page, you can modify various parameters of the device, including basic information and power station parameters.

Min power capacity[1]

EPS mode

Wiring check[2]

[1]Min power capacity: You can set a minimum discharge level for DELTA Pro. When the power capacity of DELTA Pro is lower than the set value, it stops discharging and enters the standby state, in which case only the charging command is responded.
[2]If you have reconfigured the wiring of SHP, tap "Device Wiring Testing" to conduct self-check in a timely manner to ensure that the wiring is correct.