

ANKER SOLIX

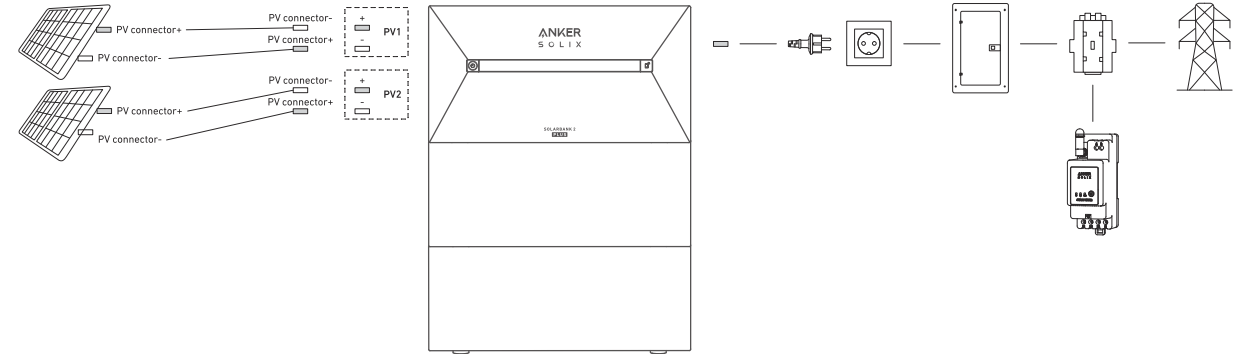
Anker SOLIX Solarbank 2 E1600 Plus

QUICK INSTALLATION GUIDE



System Design

This diagram shows the primary system for the whole-home photovoltaic energy cycle, with Anker SOLIX Solarbank 2 E1600 Plus installed as the main service equipment.



Note: Anker SOLIX Smart Meter and Anker SOLIX BP1600 Expansion Battery can be purchased optionally.

Installing Your Solarbank

Pre-Installation Instructions

Configuration Description

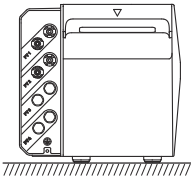
- One Anker SOLIX Solarbank 2 E1600 Plus can support up to five Anker SOLIX BP1600 Expansion Battery modules.
- Anker SOLIX Solarbank 2 E1600 Plus can be used with Anker SOLIX Smart Meter.

Environment Requirements

- Do not place the modules near an area exposed to direct sunlight, fire, or explosive materials.
- Ensure the site is protected from potential hazards such as floods.
- The maximum operating altitude is 4,000 m (13,123 ft).

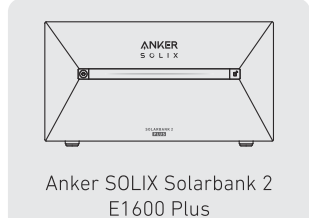
Safety Instructions

- Make sure that the Solarbank 2 E1600 Plus is turned off during the entire connection process.
- The grid connection must be connected to a socket with grounding, otherwise there is a risk of electric shock. Alternatively, the casing should be grounded. The grounding point is shown below.
- Measure the distance. Reserve sufficient space for heat dissipation and safety isolation.

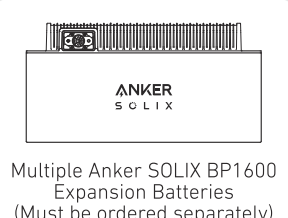


What You Need

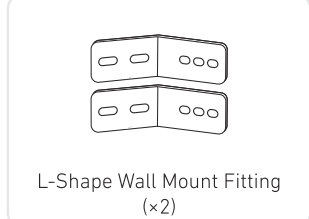
The steps below describe the installation of one Solarbank 2 E1600 Plus and two Expansion Batteries as an example.



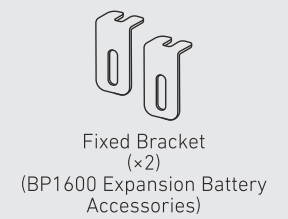
Anker SOLIX Solarbank 2 E1600 Plus



Multiple Anker SOLIX BP1600 Expansion Batteries (Must be ordered separately)



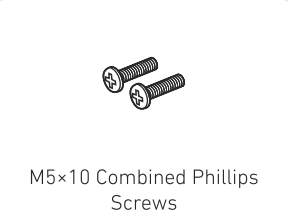
L-Shape Wall Mount Fitting (x2)



Fixed Bracket (x2) (BP1600 Expansion Battery Accessories)



M5x60 Self-Tapping Expansion Screws (x2)

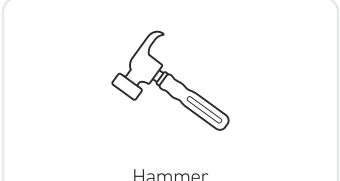


M5x10 Combined Phillips Screws

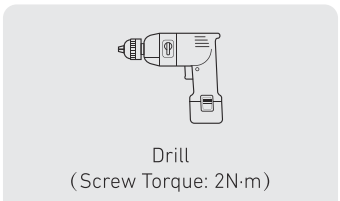
Note: The following components are not included in this package. Please make sure they are ready before installation and electrical connection.



Phillips Screwdriver

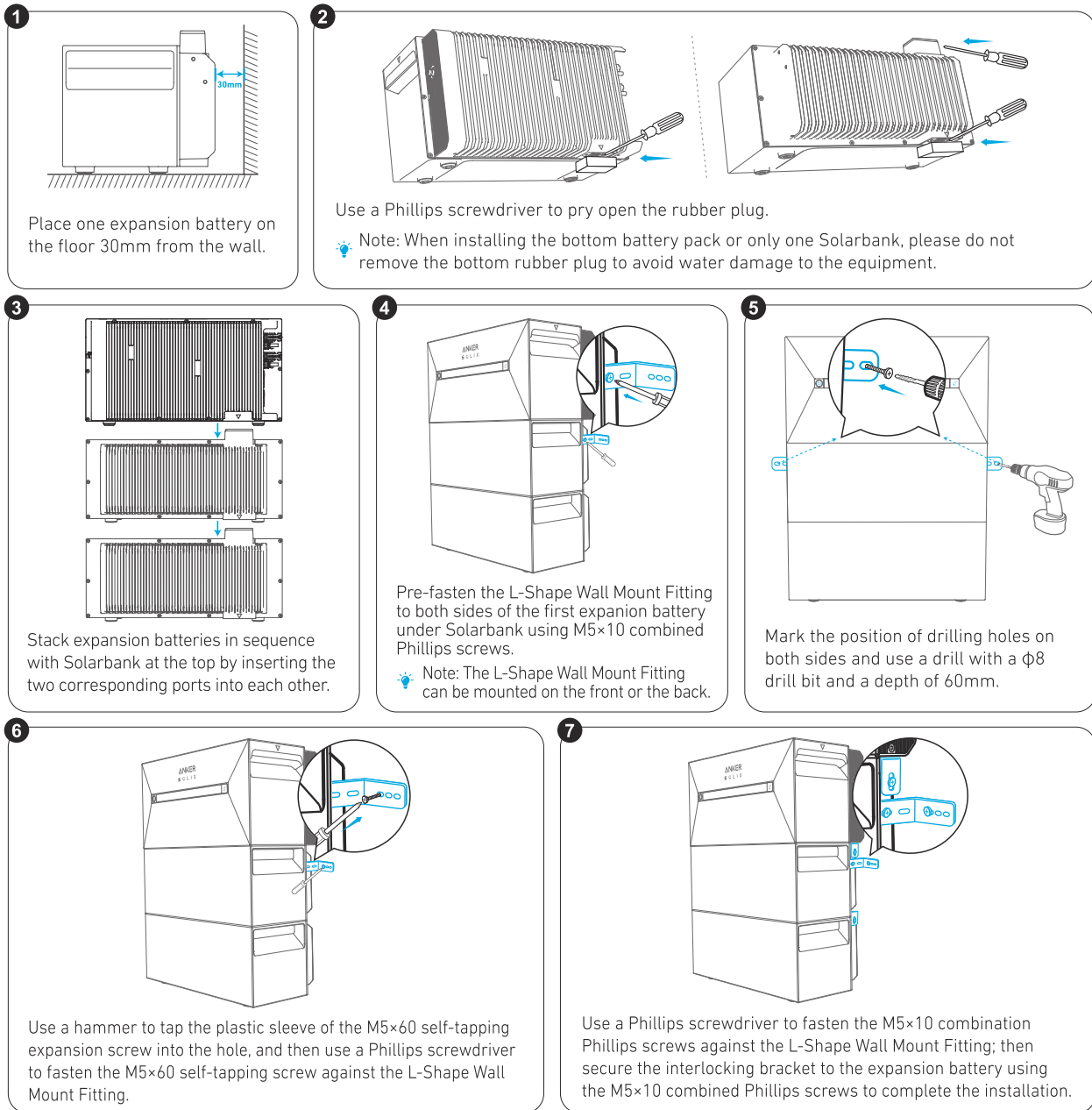


Hammer



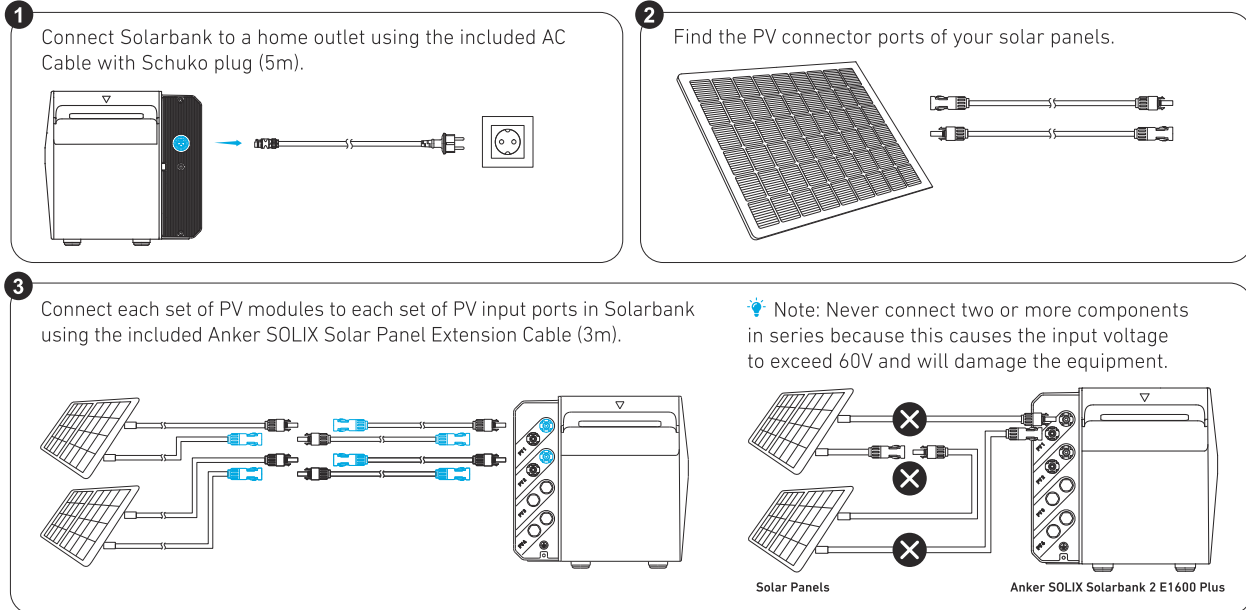
Drill (Screw Torque: 2N·m)

Installation

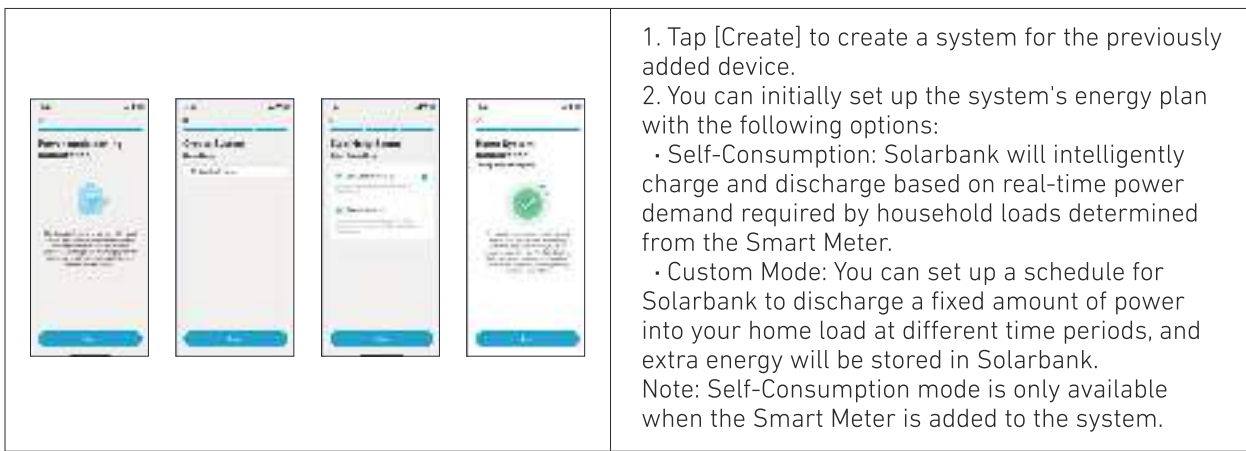


Electrical Connections

Connecting Cables



Power Mode Setting Initialization



Installing the Smart Meter

Installation Instructions

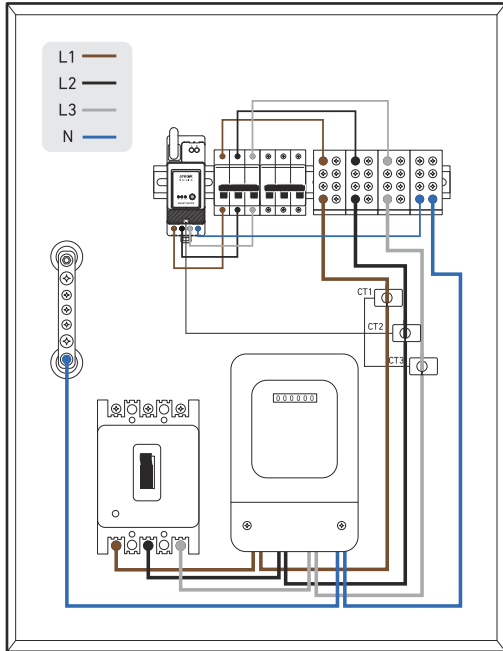
- CAUTION**
 - Danger of electrocution. Mounting/installation of the device to the power grid has to be performed with caution by a qualified electrician.
 - Danger of electrocution. Ensure there is no voltage present at the device terminals before making any connection change.
- Use the device only with a power grid and appliances which comply with all applicable regulations. A short circuit in the power grid or any appliance connected to the device may damage it.
- Do not connect the device to appliances exceeding the given max load.
- Connect the device only in the way shown in these instructions. Any other method could cause damage and/or injury.
- Do not install the device where it can get wet.
- RECOMMENDATION:** Connect the device using solid single-core cables with increased insulation heat resistance no less than PVC T105°C (221°F). Before starting the mounting/installation of the device, check that the breakers are turned off and there is no voltage from their terminals. This can be done with a phase tester or multimeter. When you are sure that there is no voltage, you can proceed to connecting the cables. Follow the diagram in fig. 1 to install the current transformers CT L1 around the Phase L1 cable to the load(s), CT L2 around the Phase L2 cable to the load(s) and CT L3 around Phase L3 cable to the load(s). Mount the device onto the DIN rail. Plug the cables of the CT L1, CT L2 and CT L3 into the Device L1, L2 and L3 input connectors respectively.
- Mount circuit breakers in accordance with your local regulations and connect Phase L1, Phase L2, and Phase L3 cables through them to the Device L1, L2 and L3 inputs respectively. Connect the neutral cable to the N input. The device is powered through its L1, L2, L3 input. Make sure you have made all the connections correctly and then turn on the circuit breakers.

CAUTION
Do not allow children to play with the buttons/switch connected to the device. Keep the devices for remote control of Anker SOLIX products away from children.

Connecting Cables

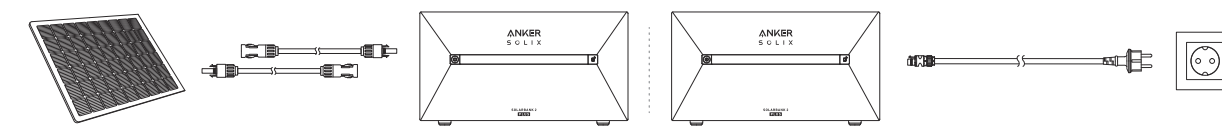
Please snap the CT to the phase cables on the household side. The cables are thick, and the specifications for the household side L1/L2/L3 are 63A with a maximum of 100A.

- Note:
 - Install a voltage cable (sold separately).
 - A three-phase smart meter can be used as a single-phase smart meter.

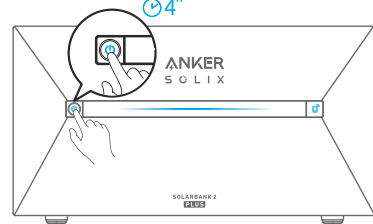


Turn On the Solarbank

1. The first use requires the connection of a solar panel and a home outlet.



2. When you use it at night, you can press and hold the power button on the solarbank for 4 seconds to turn it on, which will enable network pairing. Please complete the network pairing with the app within 30 minutes. If the network pairing is not completed within 30 minutes, Solarbank will automatically turn off.



Using the App

Download the App

Search "Anker" and download the App via App Store or Google Play. Or scan QR code below to go to the corresponding application store.



Account Registration

Region Selection

When the app is launched, you will head to the login page. Please be reminded that the country region MUST match where you live. An incorrect country region may cause the device connection to fail.

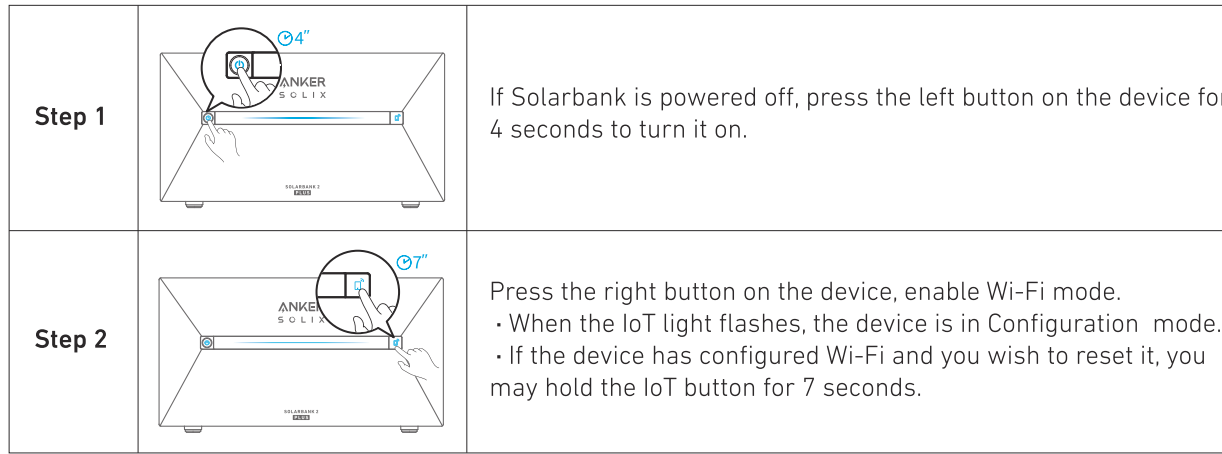
Sign Up / Sign In

You can login via Anker account, Amazon, or Apple ID. If you do not have an Anker account, you can tap [Sign Up] to register an account. Please prepare an email for the registration process. Passwords must contain 8-20 characters using upper-case and lowercase letters, numbers, and symbols.

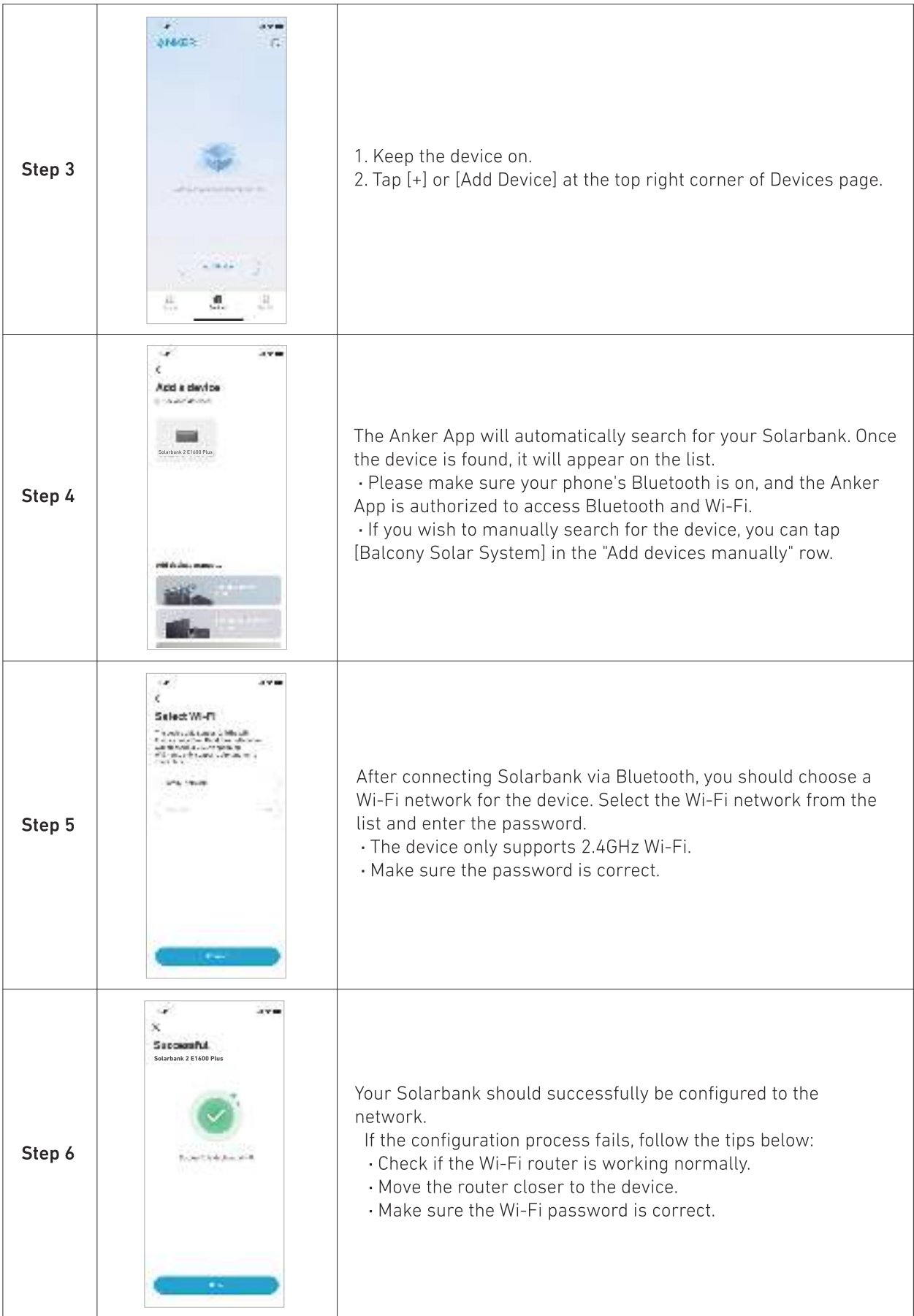
Initialization Setting

Network Configuration

Before configuring, please ensure the network connection is working well with a strong Wi-Fi signal. Do not place the device far away from the router.

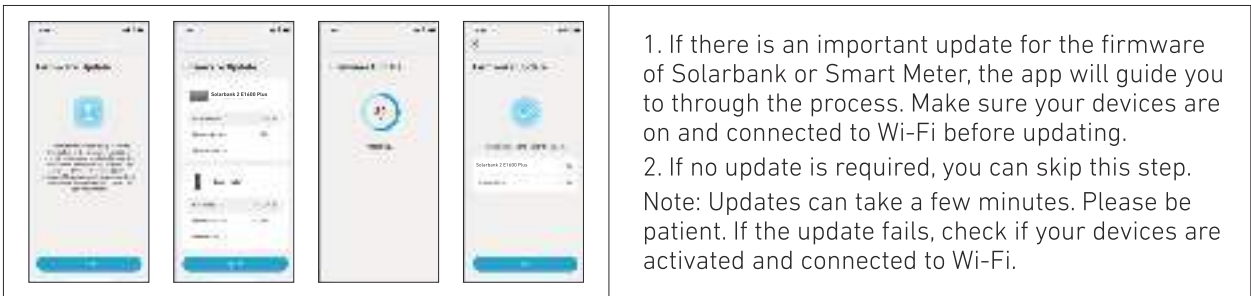


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Firmware Update

Make sure all your devices have configured Wi-Fi and have a stable network connection.



LED Indicator

- The connection between the Smart Meter and the distribution box has been completed.
- When the Smart Meter is connected to the CT and the CT is snapped to the corresponding phases, the CT automatically detects the current.
- Network configuration completed.
- Connection successful.

After successful connection, the Smart Meter is automatically powered on. If the user does not use the App for network configuration within 30 minutes, it will be turned off automatically.

Customer Service

support@anker.com
(DE) +49 (0) 69 9579 7960 +49 (800) 000 2522 (Anker SOLIX)

