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IMPORTANT SAFETY INSTRUCTIONS

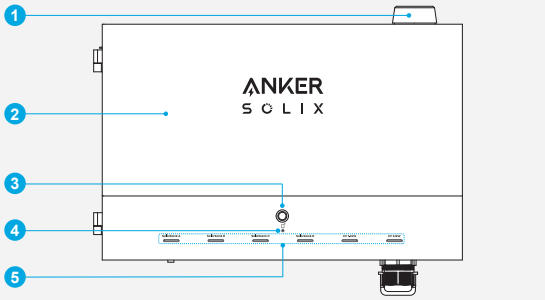
1. About This Guide

This guide describes **Anker SOLIX Power Dock** in terms of product overview, unboxing, installation, electrical connections, Anker app, product specifications, and safety instructions.

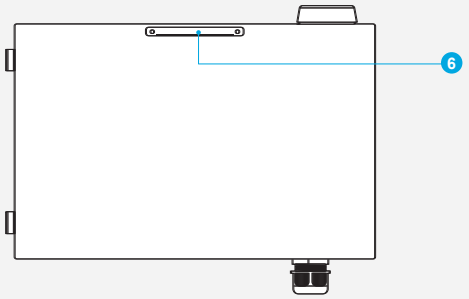
· **Anker SOLIX Power Dock** supports interconnection to other Anker SOLIX products, such as Solarbank and EV Charger.

2. Product Overview

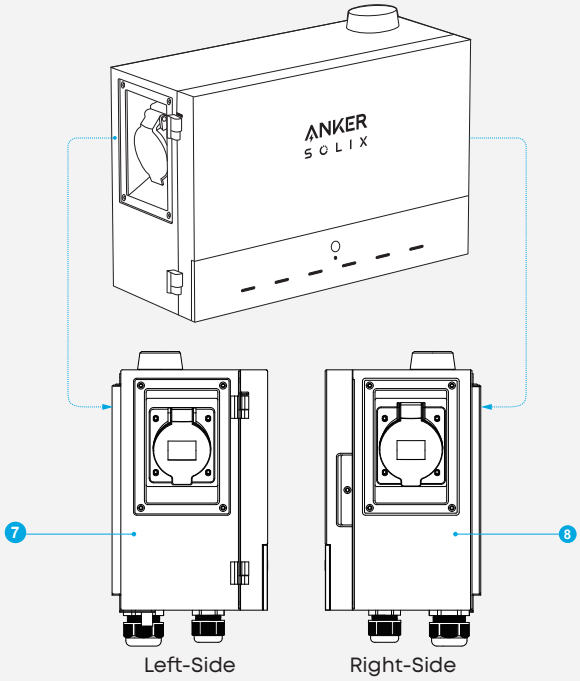
At a Glance



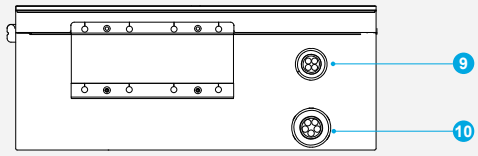
Front



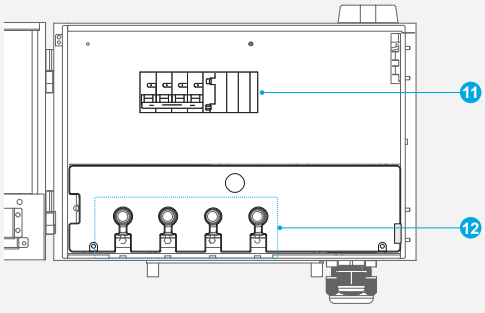
Back



Left-Side Right-Side



Bottom

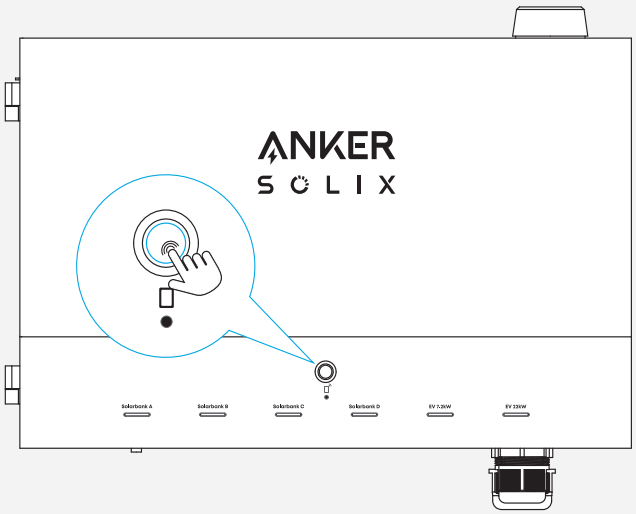


Front Cover Open

❶ Antenna	❼ EV Charger Port (Single-Phase)
❷ Cover	❽ EV Charger Port (Three-Phase)
❸ IoT Button	❾ Communication Cable Gland
❹ IoT Light	❿ AC Cable Gland
❺ Port Status Light	⓫ EV Circuit Breaker (for EV Charger)
❻ Mounting Slot	⓬ Terminals for Solarbank

Button and Indicator Lights

IoT Button and Indicator Light



Function	Action	Description
Reset Connections	Press for 7 seconds.	The IoT Light will start blinking, indicating the activation of Bluetooth pairing mode. The light will stop blinking once paired or the pairing mode ends, which will last for 3 minutes.
Check Connection Status	Press once.	With devices connected: The IoT Light and the indicator lights for ports in connections will remain on for 30 seconds. Without devices connected: The IoT Light will blink for 3 minutes.
Suspend Connections	Press for 2 seconds.	The IoT Light and Port Status Lights will turn off.
Resume Connections	Press for 2 seconds.	The IoT Light and Port Status Lights will turn on.

Port Status Indicator Lights

A Port is Normal

· If you plug in a powered-on device, the corresponding Port Status Light will turn on and remain on for 30 seconds.

· If you unplug a device, the corresponding Port Status Light will turn off.

A Port is Malfunctioning

· If a port is malfunctioning, the corresponding Port Status Light will continue to blink red until the fault is resolved or the device is unplugged from the port.

Hardware Upgrading

· If the device is upgrading hardware, which will be triggered on the Anker app, the light will continue to blink from left to right.

Device Self-Check

· If the device is performing self-check, which will be triggered on the Anker app, the light will continue to blink from left to right.

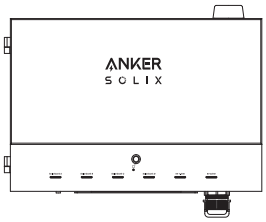
The Entire Power Dock is Malfunctioning

· If the entire Power Dock is malfunctioning, all Port Status Lights will continue to blink until the issue is resolved or the Power Dock is turned off.

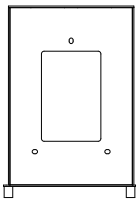
3. Unboxing

What's In the Box

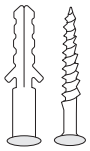
Model: AE100



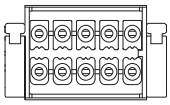
Anker SOLIX Power Dock



Bracket



Expansion Screw (M5 60 mm) ×3



10-Pin Terminal Block Connector

Documents

Check Before Installation

Inspect Outer Packaging

Before unpacking, check the outer packaging for damage, such as holes or cracks, and review the equipment model number. If any damage is found or the model is not what you requested, do not unpack the equipment and contact Anker customer service as soon as possible.

Verify Deliverables

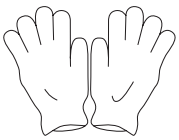
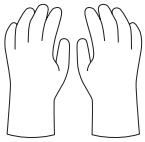
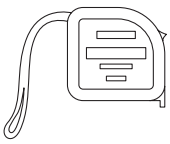
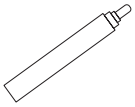
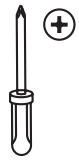
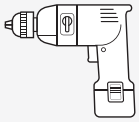
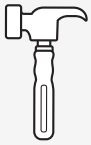
After unpacking the equipment, check that the deliverables are intact and complete, and are undamaged. If any item is missing or damaged, contact Anker customer service.

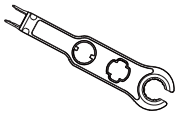
4. Pre-Installation

The following tools and components are not included in the package. Ensure that you have them ready before proceeding with the installation and electrical connections.

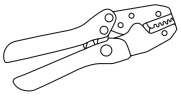
Required Tools

Use appropriate personal protective equipment (PPE) and follow safe electrical work practices.

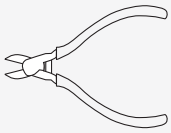
Personal Protective Equipment	
 Protective Gloves	 Insulated Gloves
 Dust Mask	 Safety Goggles
 Protective Footwear	 Safety Hat
Measuring Instruments	
 Level	 Metal Tape Measure
Installation and Wiring Tools	
 Marker	 Screwdriver (M4 and M5)
 Power Drill Drill Bit: 8 mm	 Hammer



Disassembly Tool

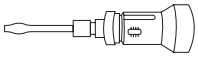


OT Terminal Crimper

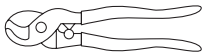


Pliers

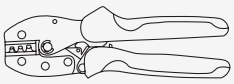
Wire Stripper



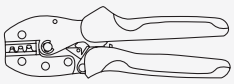
Flathead Screwdriver



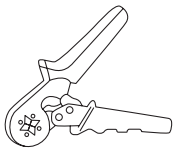
Cable Cutter



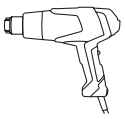
Solar Crimping Tool



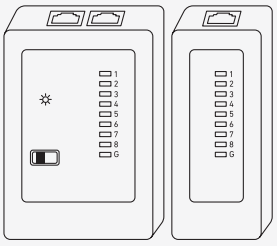
RJ45 Crimping Tool



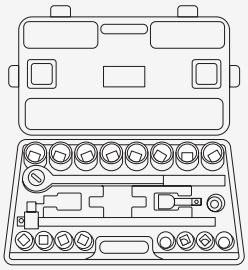
Tube Terminal Crimper



Heat Gun



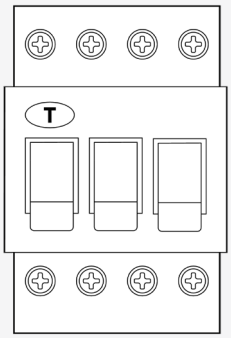
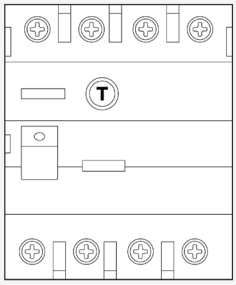
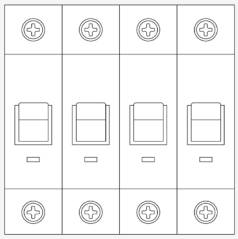
Cable Tester

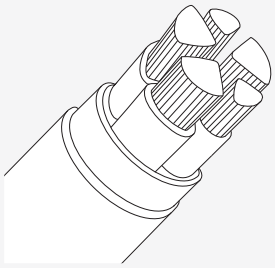
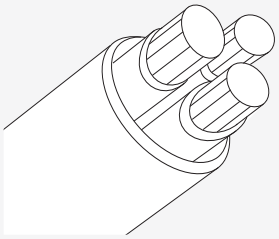
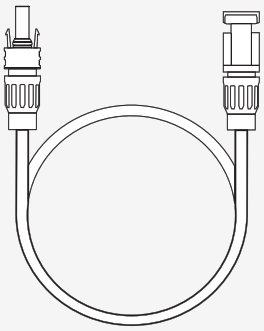


Torque Wrench
Cross Socket Bits: PH1 / PZ1 (M4),
PH2 / PZ2 (M5)
Hex Socket: 10 mm (M6), 13 mm (M8)

Required Components

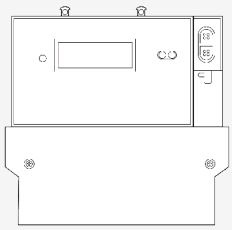
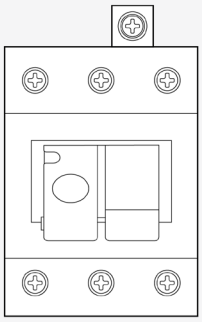
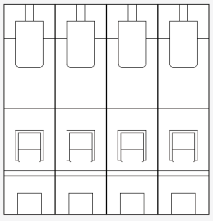
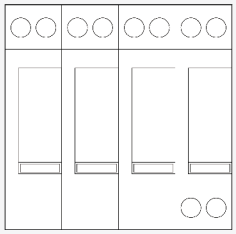
Required Components for Electrical Connections

Components for Dedicated Circuit Branch - Option 1		
Component	**Specifications**	**Remarks**
 Residual Current Circuit Breaker with Overcurrent Protection (RCBO)	Rated current: 40A	If RCBO is installed, the RCCB and breaker listed in option 2 will not be needed.
Components for Dedicated Circuit Branch - Option 2		
Component	**Specifications**	**Remarks**
 Residual Current Circuit Breaker (RCCB)	Rated current: 40A	/
 Breaker	Rated current: 40A	/

Other Components		
Component	**Specifications**	**Remarks**
 Three-Phase Five-Core Cable	Size: 6–10 mm^2 Length: 5 m	· For three-phase connections. · 10 mm^2 power cable is recommended for the consideration of system expansion in the future, such as adding 22kW EV charger and multiple Solarbank modules. You may use cables of other sizes, but a size of at least 6 mm^2 is recommended.
 Single-Phase Three-Core Cable	Size: 6–10 mm^2 Length: 5 m	· For single-phase connections. · 10 mm^2 power cable is recommended for the consideration of system expansion in the future, such as adding a 7.4kW EV charger and multiple Solarbank modules. You may use cables of other sizes, but a size of at least 6 mm^2 is recommended.
 Solar Panel Extension Cable	Size: 4 mm^2 Length: 5 m Fireproof, Wear-Resistant, Corrosion-Resistant, Heat-Resistant, UV-Resistant, IP68 Waterproof	/

Distribution Box Components

The following are the main components of the distribution box. If your distribution box is missing one or more of the following, you may request a licensed electrician to make an evaluation and add the required components.

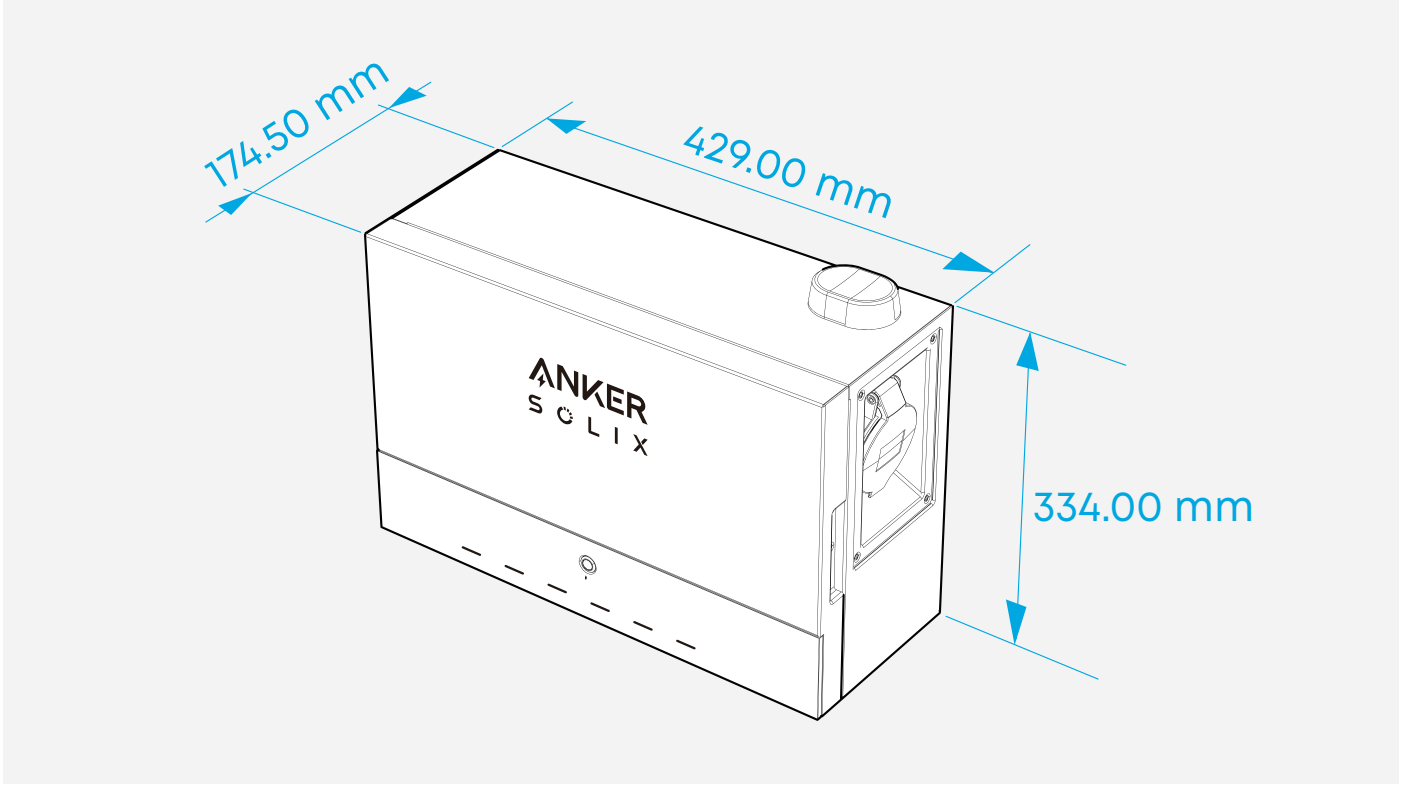
Component	Specifications	Remarks
 Bidirectional Meter	Depending on the electrician's evaluation.	· A main component of distribution box for conformity. · Not a required component of Power Dock.
 Main Circuit Breaker	Depending on the electrician's evaluation.	· A main component of distribution box. · Not a required component of Power Dock.
 Selective Mains Circuit Breaker (SLS Switch)	Depending on the electrician's evaluation.	· A main component of distribution box. · Not a required component of Power Dock.
 Surge Protection Device (SPD)	Type 1 + 2 Other specifications depend on the electrician's evaluation.	· A main component of distribution box. · Not a required component of Power Dock. · If your distribution box does not have an SPD, it is recommended to add one to ensure safety for the newly added Power Dock.

5. Installation

Select Installation Site

Equipment Dimensions

Dimensions: 429 (W) × 174.5 (D) × 334 (H) mm



Site Recommendation

- If you are considering connecting an EV Charger, install the Power Dock inside a garage for easy connection.
- If you are not considering connecting an EV Charger, install the Power Dock where it is easiest to connect Solarbank modules.
- Install the Power Dock at chest level to allow comfortable two-handed operation.

Environmental Requirements

- Install the Power Dock away from flammable, explosive, or chemical materials, strong magnetic fields, or wireless transmitters.
- Install the Power Dock in a well-ventilated environment away from liquids.
- Install the Power Dock 1.2 m to 3 m above the ground.
- Ensure the wall is solid, flat, and large enough to support the Power Dock, with a minimum bearing capacity of 100 kg.
- Avoid areas with strong vibrations, shock, or electromagnetic interference, such as car washes, welding machines, electric arc furnaces, electric motors, and places that may cause interference to the power grid.

Install the Power Dock

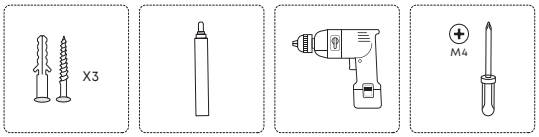
Step 1: Mount the Bracket to Wall

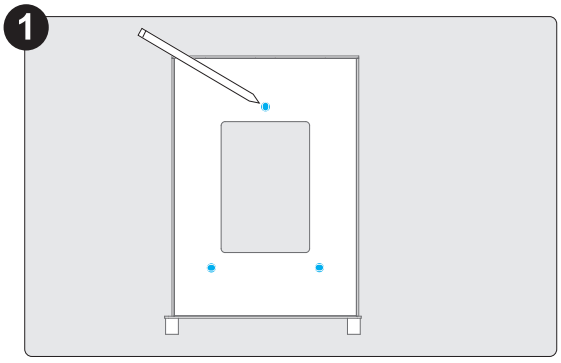
· Decide the mounting height and location, and mark the hole positions on the wall.

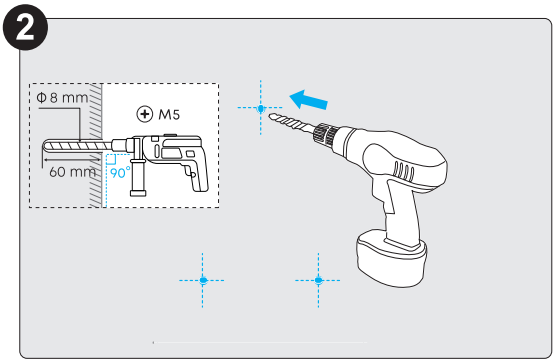
· Drill holes at the marked points. The depth of the holes should be slightly longer than the expansion bolts.

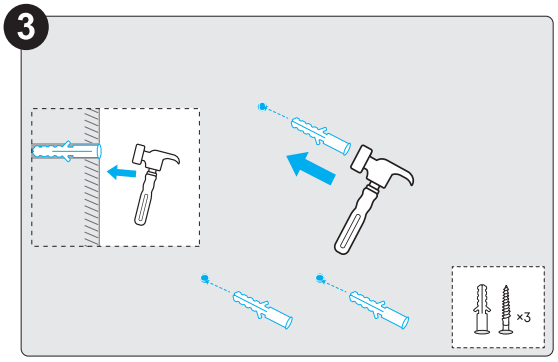
· Tap the expansion bolts into the drilled holes.

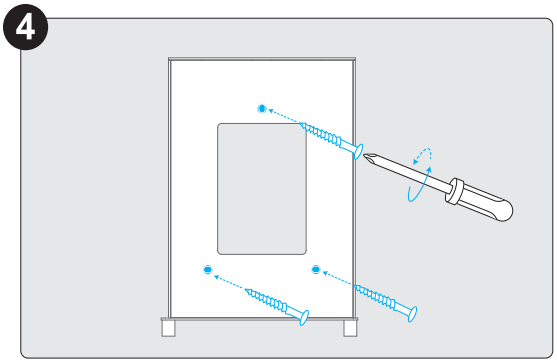
· Align the mounting holes of the wall bracket with the holes in the wall, and insert the provided screws through the bracket. Initially, tighten all screws to ensure the bracket is properly aligned, then fully tighten all screws to secure the bracket firmly to the wall.











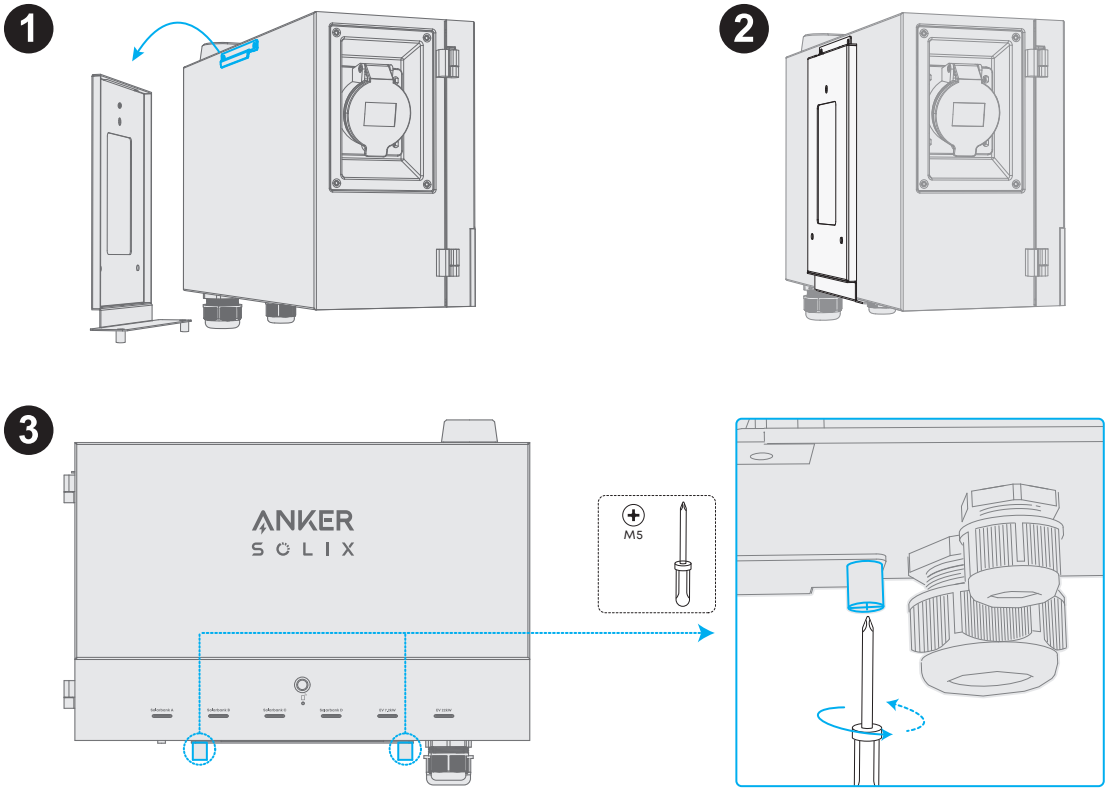
Step 2: Secure the Power Dock to the Bracket

· Hook the mounting slot on the upper back of the Power Dock into the top gap of the wall bracket.

· Hook the top of the Power Dock into place, then rotate it downward, allowing the bottom to seat into the base tray of the bracket.

· Tighten the pre-installed screws at the base tray.

After hanging, be sure to tighten the screws at the base tray of the bracket to ensure safety.



6. Electrical Connections

- The following operations must be carried out by a licensed electrician.
- Before you begin, make sure that your distribution system has been powered off and that the installation personnel and electricians are in a safe condition.

Update the Distribution Box

The following components are required to build a dedicated braInch circuit for Power Dock:

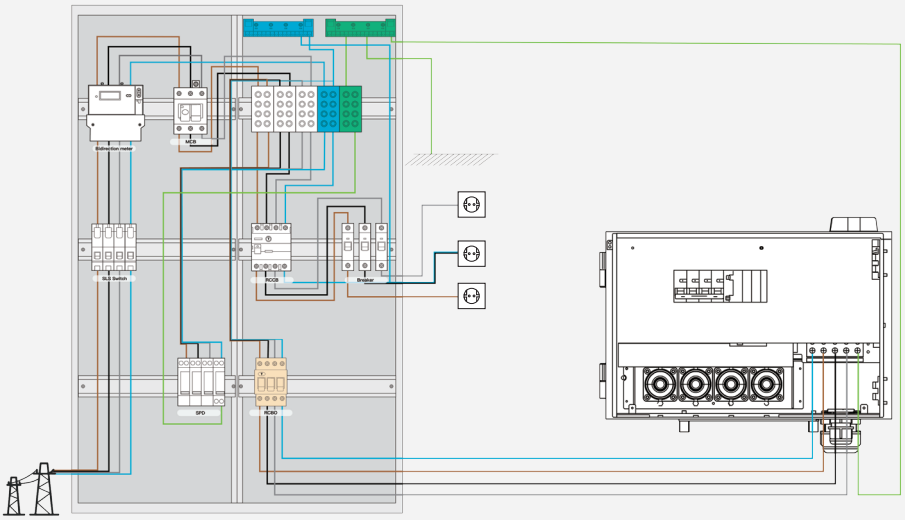
- Option 1: Residual Current Circuit Breaker with Overcurrent Prottection (RCBO)
- Option 2: Residual Current Circuit Breaker (RCCB) and circuit bireaker

Before you begin, check if your main distribution box is conmpliant with local regulations, which may require the following components: Bidirectional meter, main circuit breaker(MCB), SLS switch, and surge protection device (SPD). You may request a licensed electrician to evaluate and add the required components.

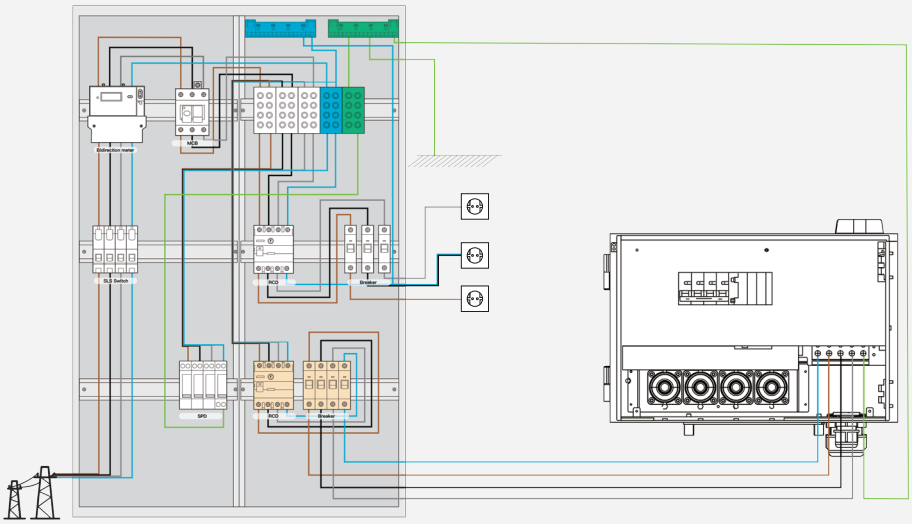
- You may use a Residual Current Circuit Breaker with Overcurrent Protection (RCBO) as an alternative to RCCB and circuit breaker for lower cost and eassier wiring.
- Use power cables with a size of 6–10 mm^2 for the considerationof system expansion in the future.
- If your distribution box does not have an SPD, it is recommended to add one to ensure safety for the newly added Power Dock.

The distribution box can be updated following the illustrations below, in which brown lines refer to L1 lines, black lines refer to L2 lines, grey lines refer to L3 lines, blue lines refer to N lines, and yellow-green lines refer to PE lines.

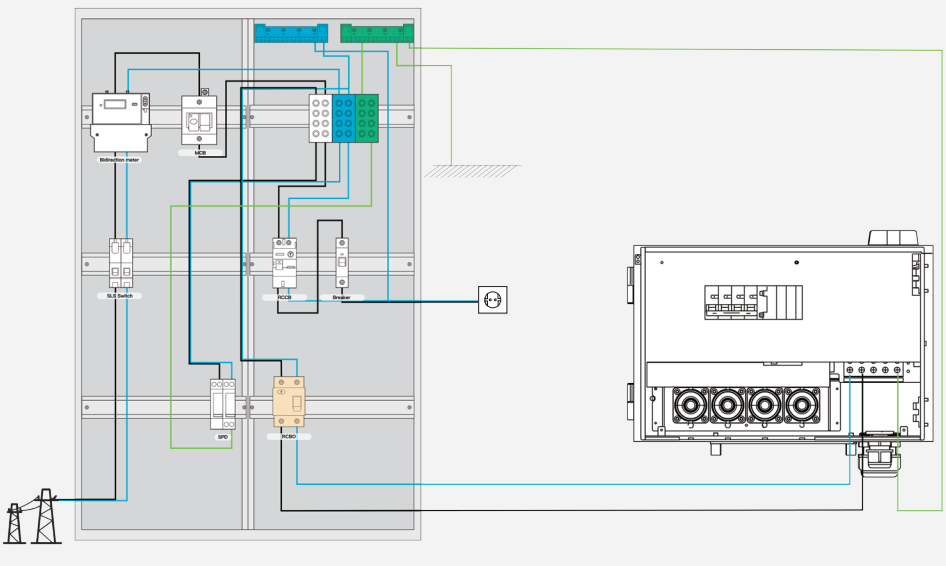
Three-Phase Wiring with RCBO



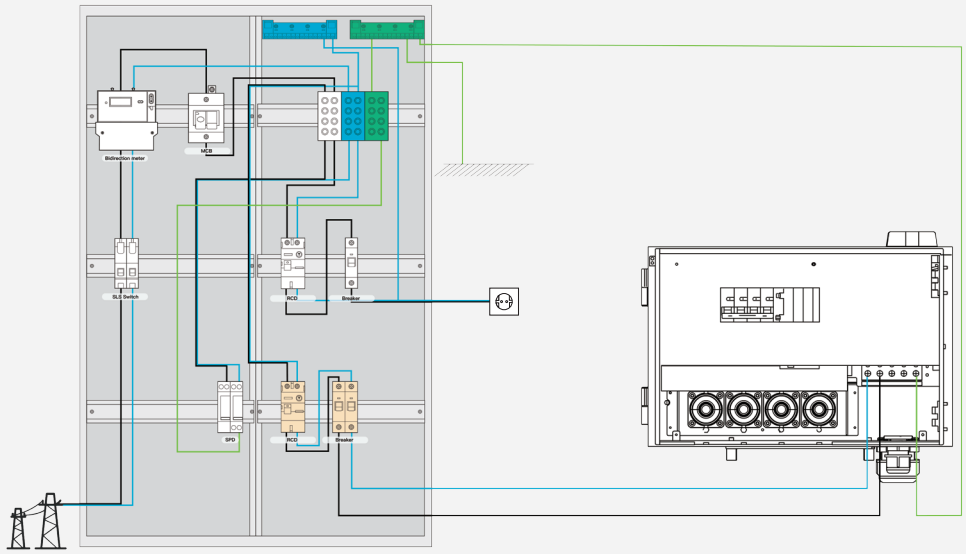
Three-Phase Wiring with RCCB and Breaker



Single-Phase Wiring with RCBO



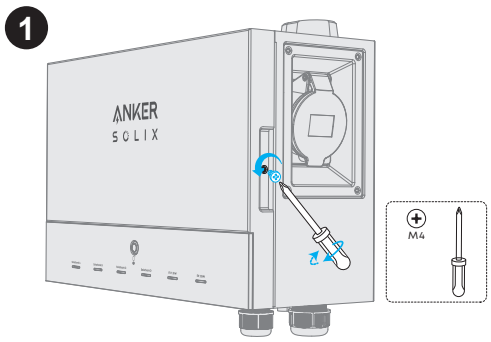
Single-Phase Wiring with RCCB and Breaker

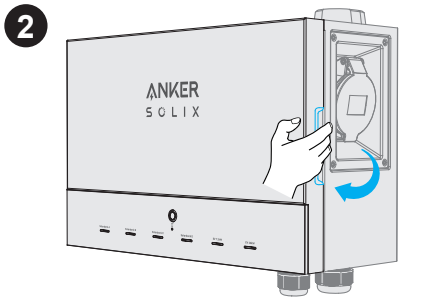


Connect the Power Dock to the Distribution Box

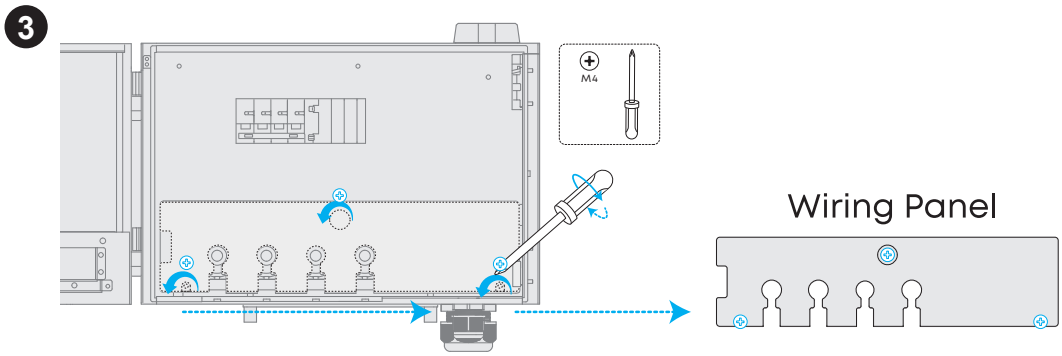
After updating the distribution box, connect the Power Dock to the distribution box following the steps below.

Step 1: Open the Cover and Remove the Wiring Panel





Open the cover gently.



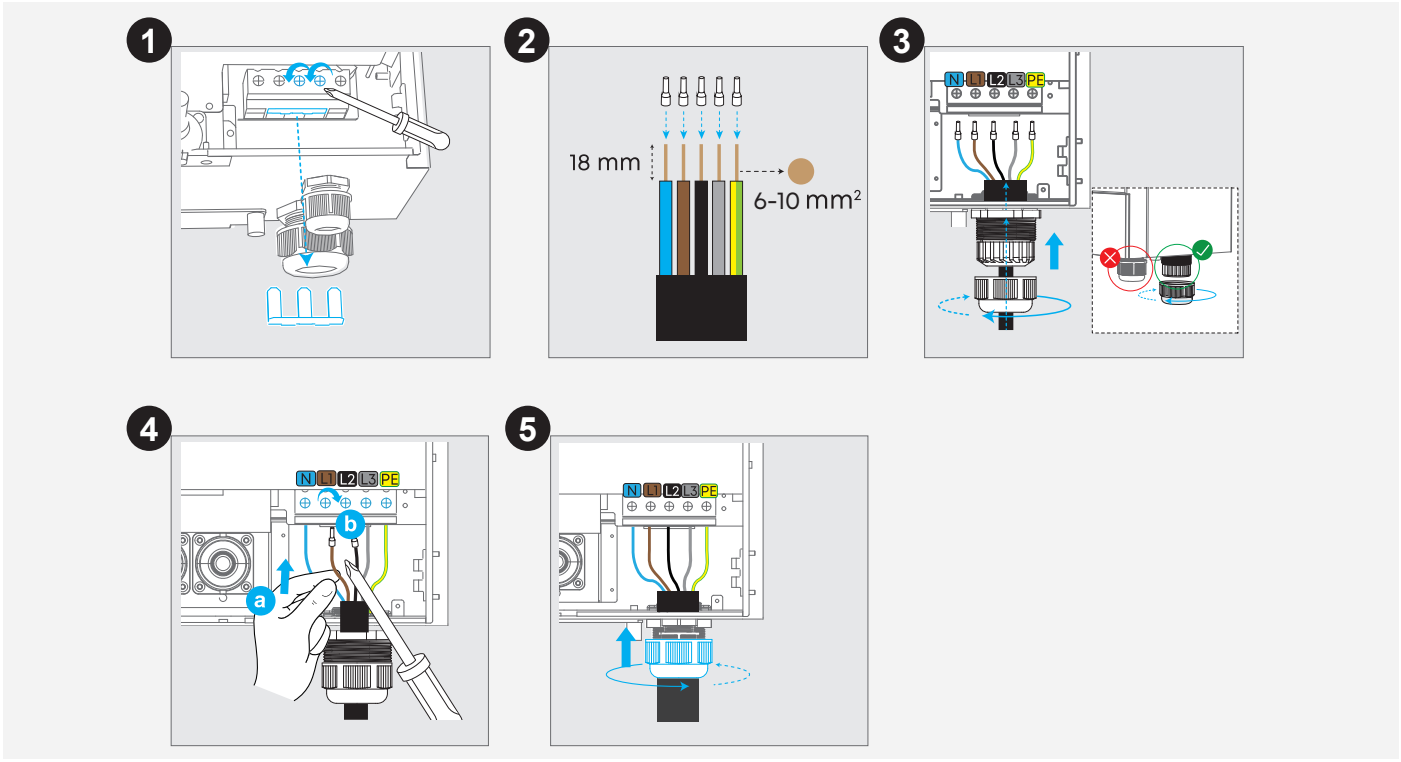
Step 2: Connect Power Cables from the Main Panel to the Power Dock

· Ensure the main breaker is turned off before wiring.

· It is recommended to use flexible cables with a size of 6–10 mm^2.

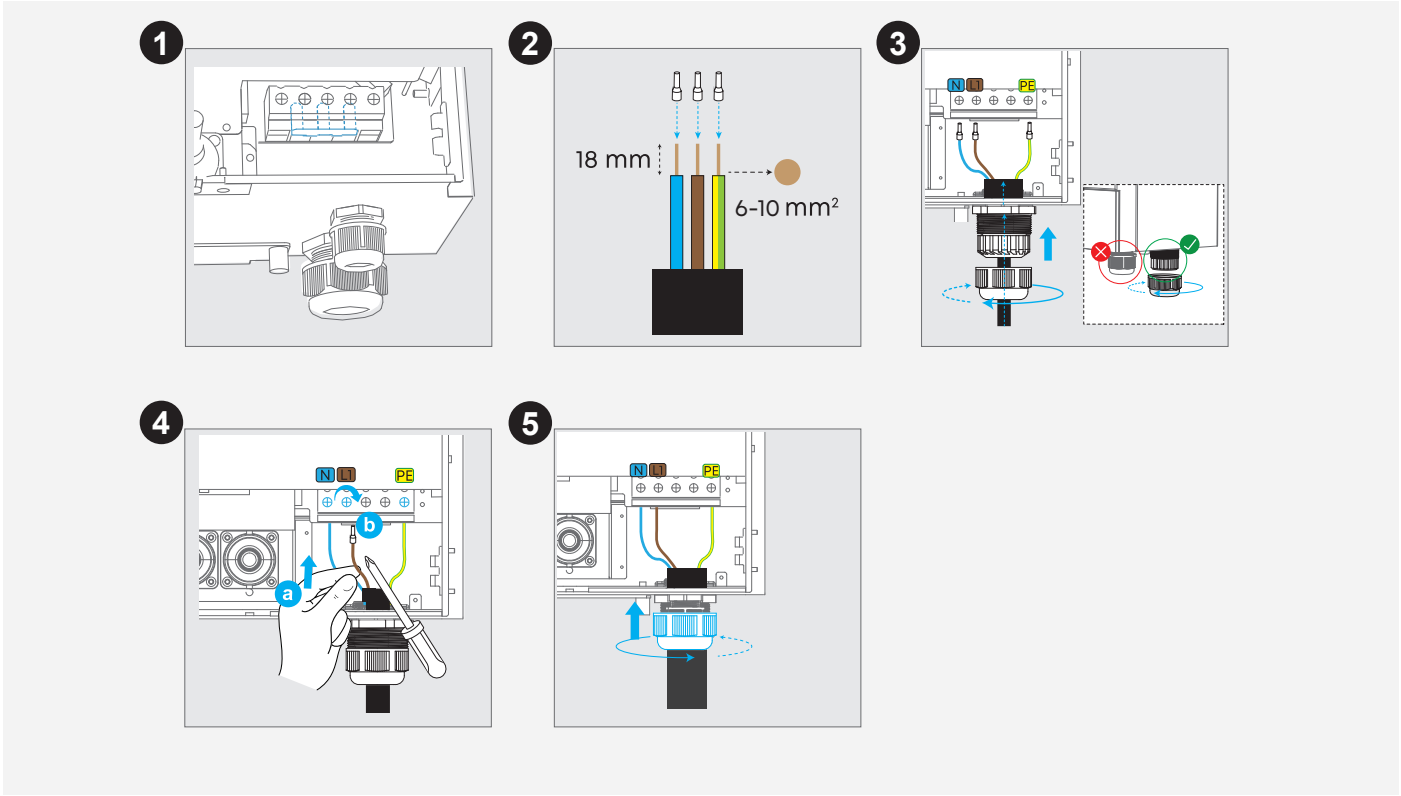
Three-Phase Connection

1. Remove the jumper bar.
2. Strip the cables and crimp the tube terminals.
3. Route the cables through the larger cable gland. Please note that the smaller cable gland is for communication cables.
4. Insert the cables and tighten the screws.
5. Tighten the connector.



Single-Phase Connection

1. Keep the jumper bar in place.
2. Strip the cables and crimp the tube terminals.
3. Route the cables through the larger cable gland. Please note that the smaller cable gland is for communication cables.
4. Insert the cables and tighten the screws.
5. Tighten the connector.

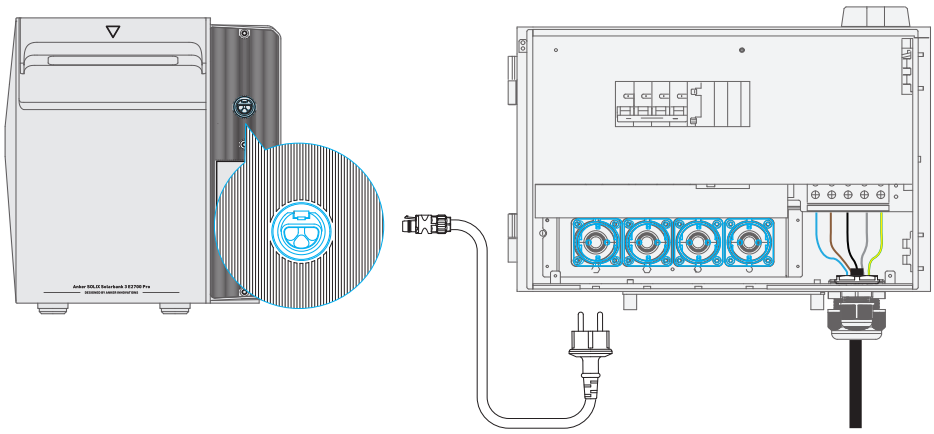


Step 3: Connect to Solarbank or EV Charger (Optional)

Connect to Solarbank

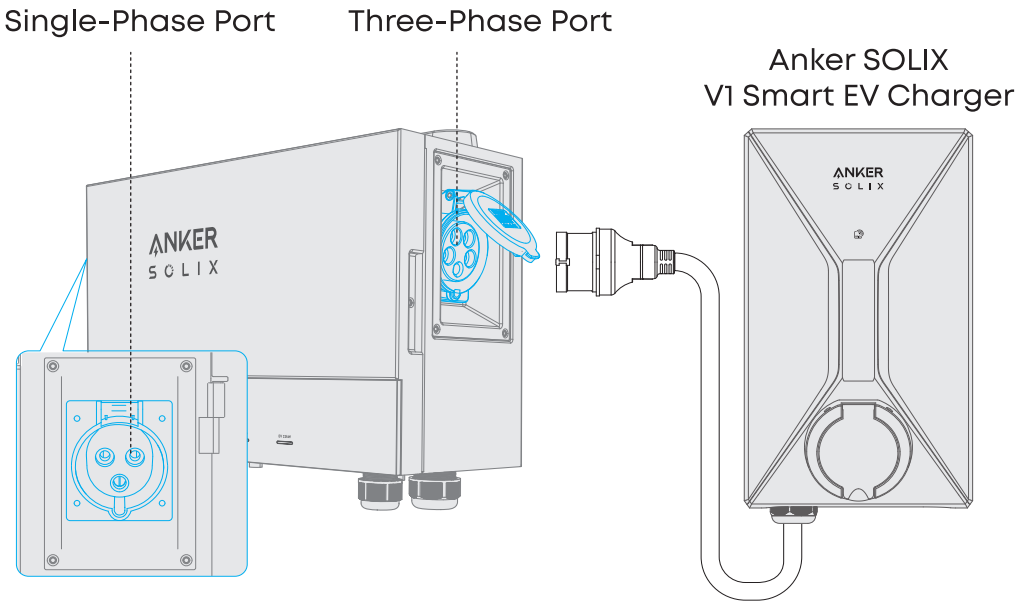
· Up to four Solarbank modules can be connected.

· Power Dock is compatible with Solarbank models except for E1600. The time needed for compatibility with different models may vary depending on firmware updates. It is recommended to regularly update the firmware to enjoy optimal performance.

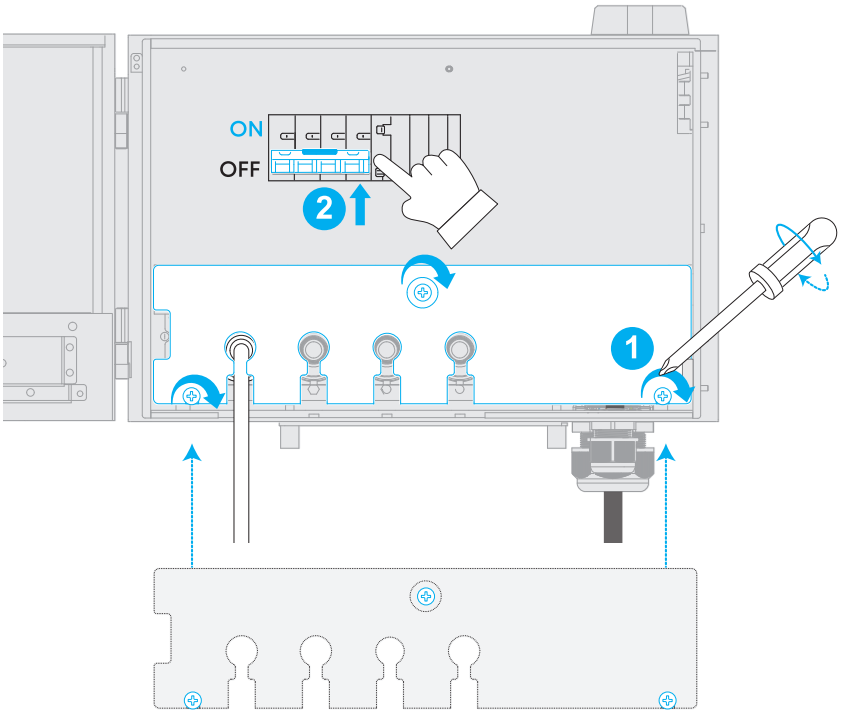


Connect to the EV Charger

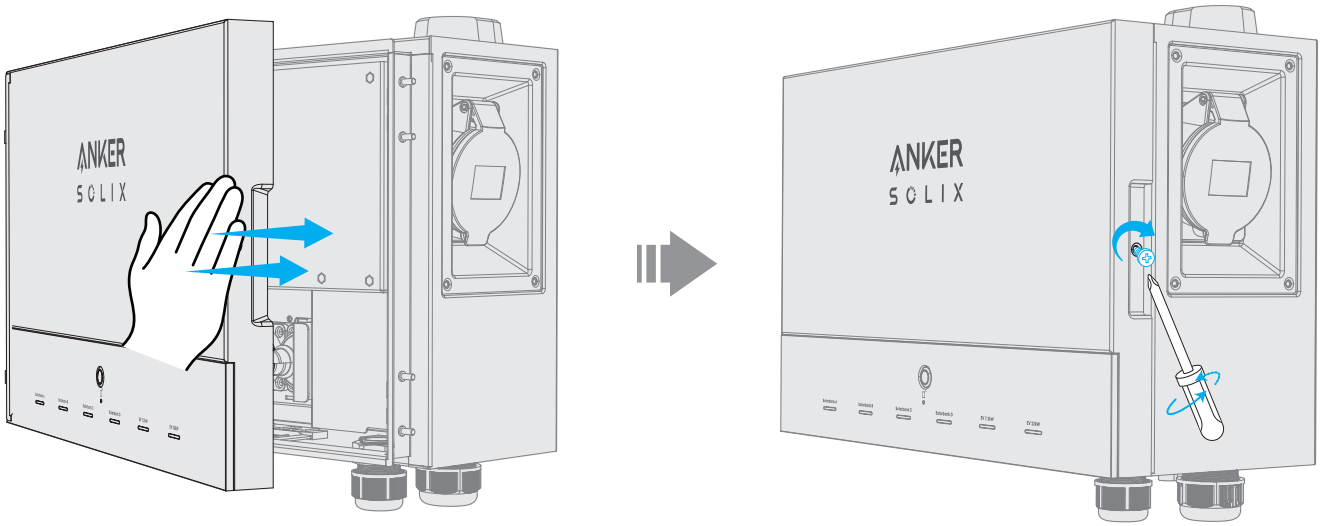
· Do not connect single-phase and three-phase Anker SOLIX V1 Smart EV Chargers to the Power Dock simultaneously.



Step 4: Reinstall Wiring Panel and Turn on the EV AC Circuit Breaker



Step 5: Close and Lock Cover

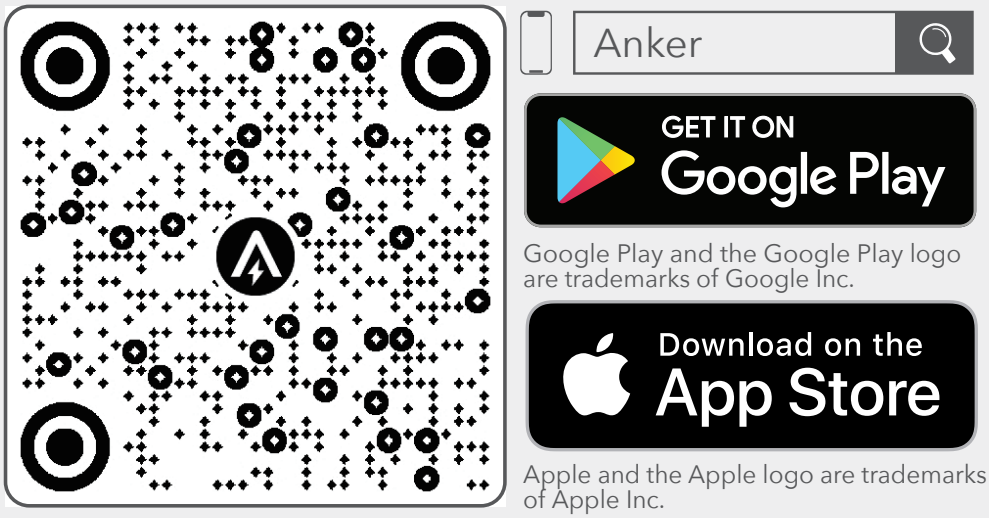


7. Anker App for Setup

The Anker App allows you to set up the Power Dock easily. Please note that the user interface images displayed are for illustration purposes and may differ from your actual view based on the software version.

Download the Anker App

Download the Anker app from the App Store (iOS devices) or Google Play (Android devices), or by scanning the QR code.



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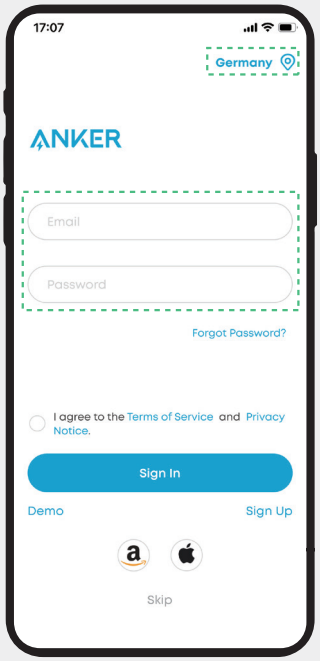
Apple and the Apple logo are trademarks of Apple Inc.

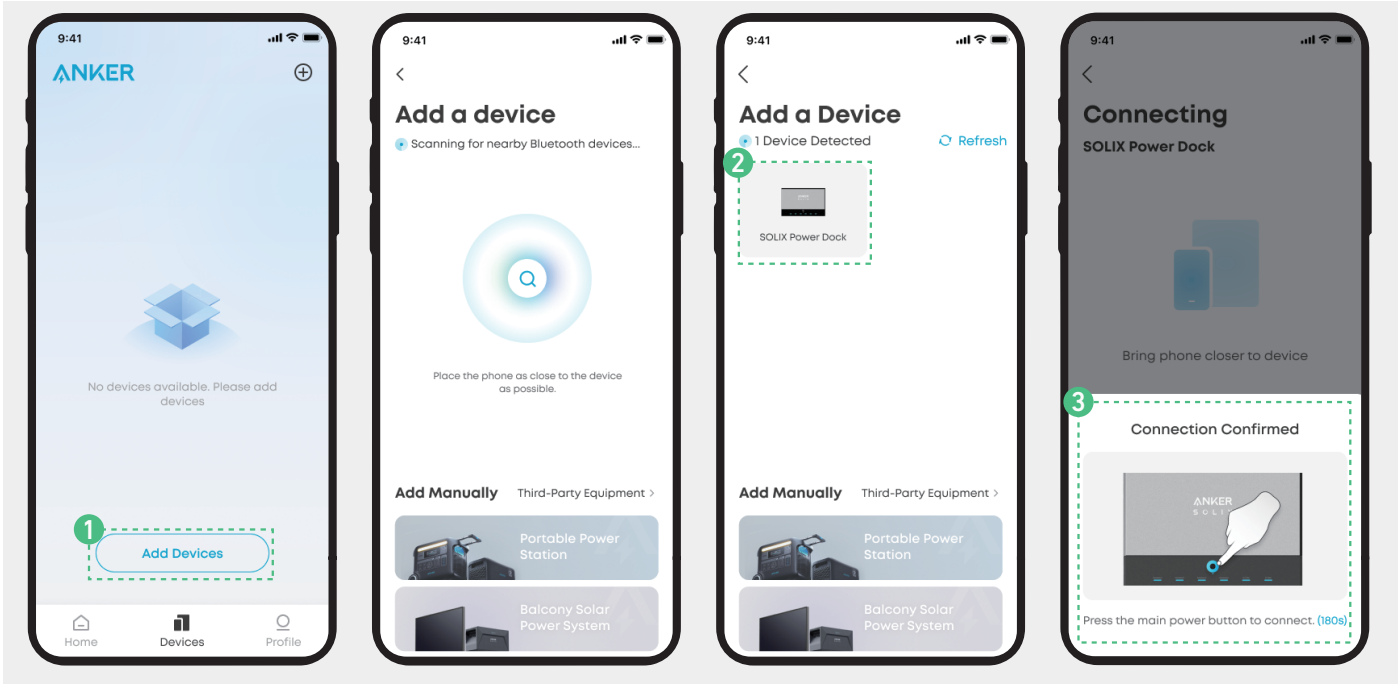
Sign Up / Sign In

Sign in or create an account. Please be reminded that the country or region MUST match where you live. An incorrect country or region may cause the device connection to fail.



Step 1: Add Power Dock

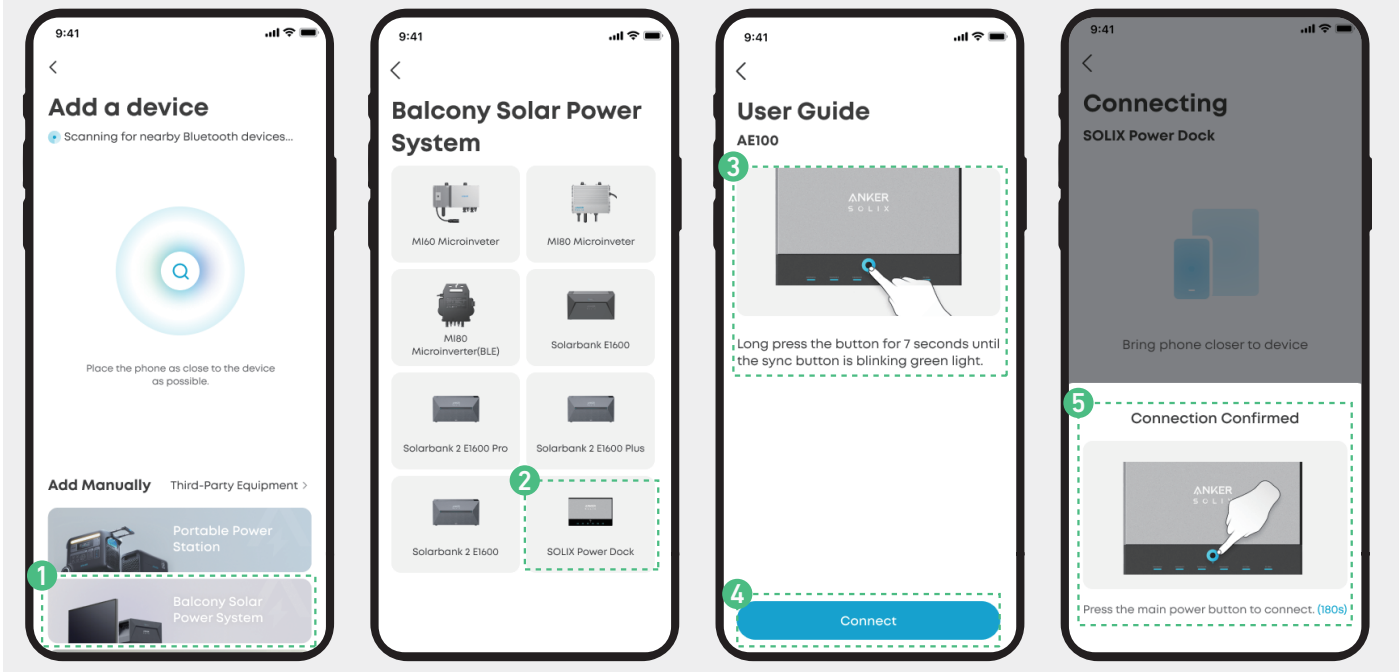
- Tap **Add Device** or the add icon in the upper right of the Devices screen to add the Power Dock.
- Bluetooth broadcasting will be auto-enabled once your Power Dock is turned on.
- When it is paired with your phone, press the IoT button on your Power Dock to confirm the connection.



How can I add the Power Dock to my account if my phone cannot find it?

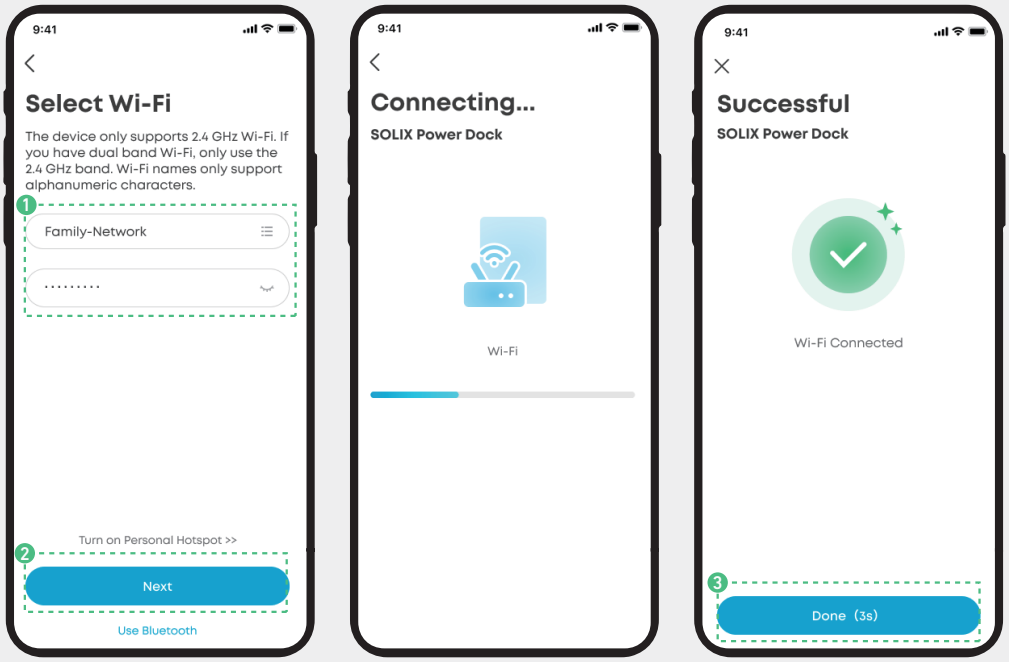
You may add the device manually:

- Select **Balcony Solar Power System** on the **Devices** screen.
- Select **SOLIX Power Dock**, and then long-press the IoT button on the device for 7 seconds to activate pairing mode.
- When it is paired with your phone, press the IoT button on your Power Dock to confirm the connection.



Step 2: Connect to the Network

· The **Select Wi-Fi** screen will be entered after your Power Dock is bound to your account.



If you encounter connection issues, try the following:

· Confirm that your Wi-Fi router is working normally.

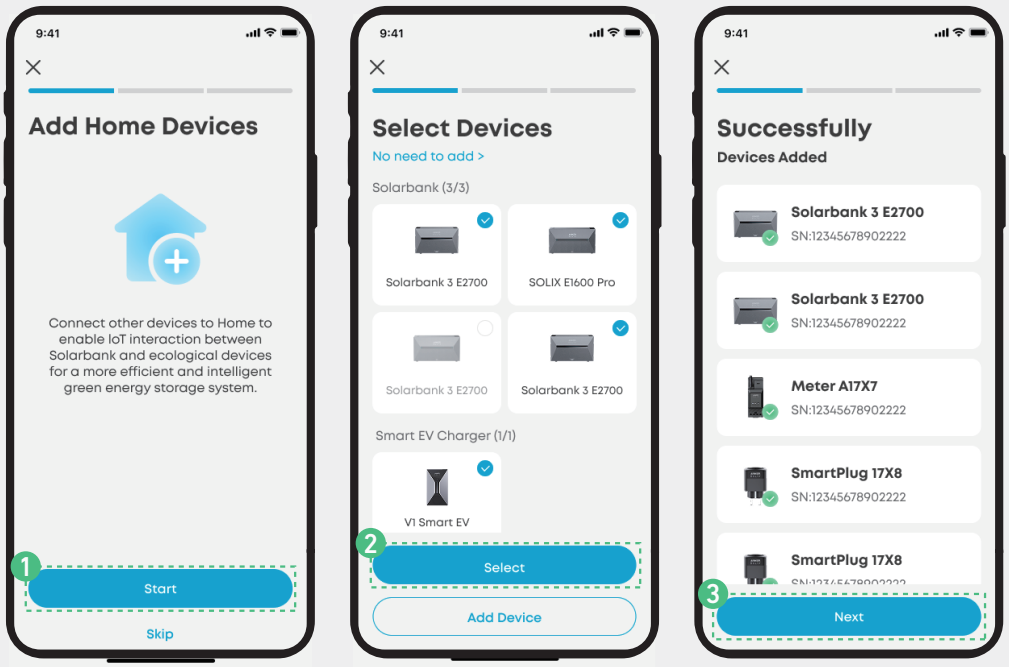
· Move your router closer to the Power Dock.

· Verify that the Wi-Fi password is correct.

Step 3: Add Home Devices

· The **Add Home Devices** screen will be entered after the network connection.

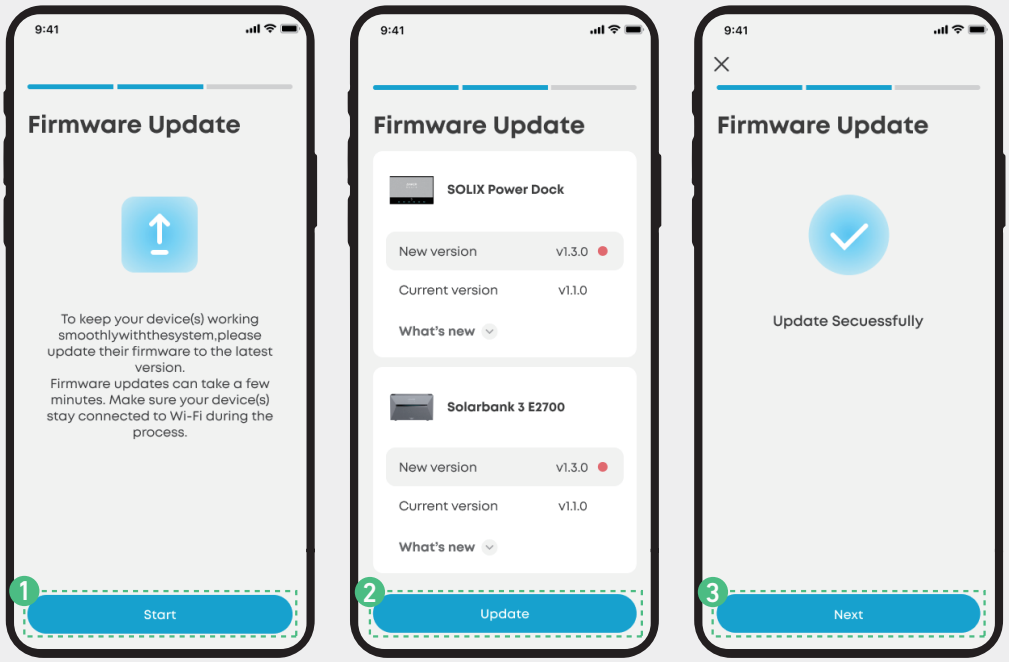
· If the device has been bound to your account, simply select it from the list. Otherwise, tap **Add Devices** to bind new devices and complete the network connection.



Step 4: Update Firmware

· The **Firmware Update** screen will be entered after selecting other devices.

· Tap **Start**, and the app will check if there is a new hardware version.



· Before upgrading, ensure all devices are connected to a stable Wi-Fi network.

· The upgrade process may take a few minutes. Please be patient.

· If the upgrade fails, check if the devices are turned on and connected to Wi-Fi.

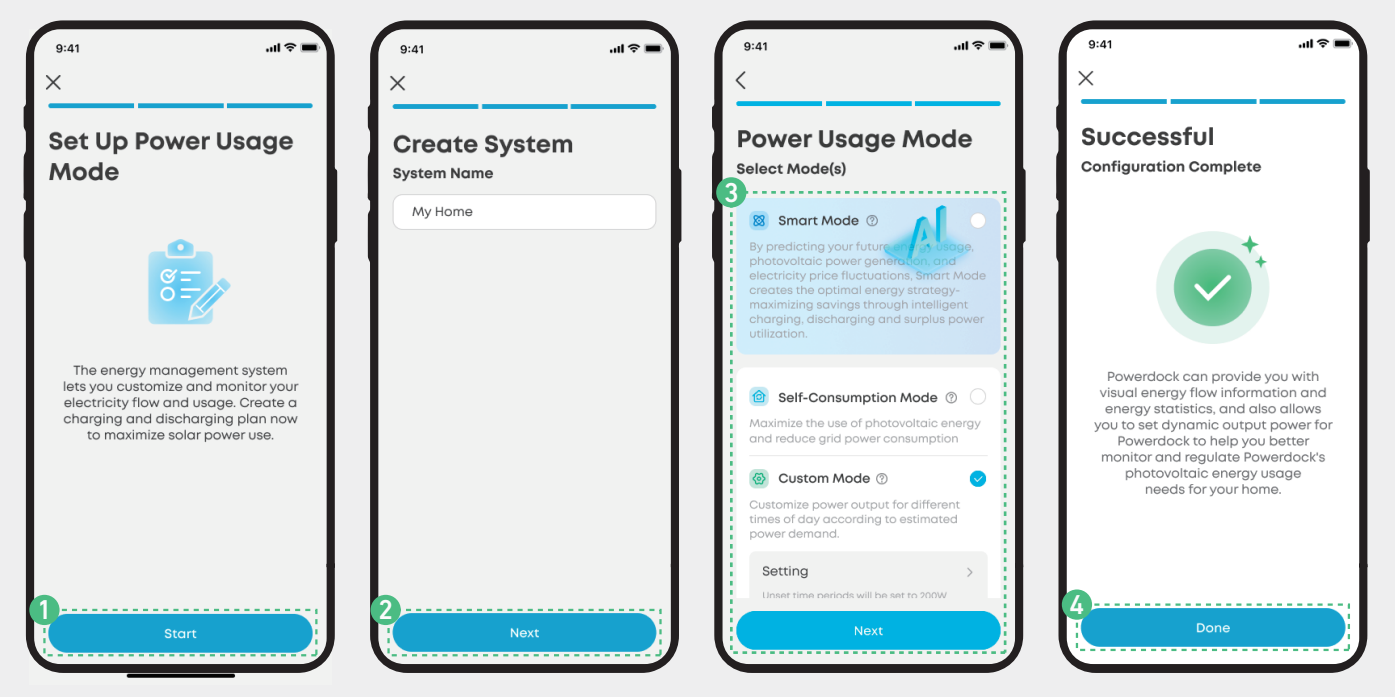
Step 5: Set Up Power Usage Mode

· The **Set Up Power Usage Mode** screen will be entered after the firmware update.

· Tap **Start**, and then type the name of your power system.

· Select a power mode for your power system.

See "Appendix I: How to Select Power Mode on Anker App" for instructions to select power mode.



8. Registration

After installation, the responsible electrician must submit a report for official approval.

In addition, if the Power Dock connects Solarbank modules, you may also need to submit a report for official approval according to local regulations.

In Germany, you must register the grid-connected photovoltaic system in the MaStR (Central Federal Market Data Register) within one month after commissioning. MaStR website: https://www.marktstammdatenregister.de/MaStRHilfe/subpages/faq.html

9. Specifications

System Model	AE100
Schuko Terminal (AC Output)	
Normal Voltage	L+N+PE 230Va.c., 50Hz/60Hz
Max AC Output Current	16Aa.c.
Rated AC Output Power	3.6kW
Schuko Terminal (AC Input)	
Normal Voltage	L+N+PE 230Va.c., 50Hz/60Hz
Max AC Input Current	16Aa.c.
Rated AC Input Power	3.6kW
EV 7.4kW (Single-phase)	
Normal Voltage	L+N+PE 230Va.c., 50Hz/60Hz
Max AC Output Current	32Aa.c.
Rated AC Output Power	7.4kW
EV 22kW (Three-phase)	
Normal Voltage	L1+L2+L3+N+PE 400Va.c., 50Hz/60Hz
Max AC Output Current	32Aa.c.
Rated AC Output Power	22kW
On Grid Port (Single-phase)	
Normal Voltage	L+N+PE 230Va.c., 50Hz/60Hz
Max AC Current	32Aa.c.
Rated AC Power	7.4kW
On Grid Port (Three-phase)	
Normal Voltage	L1+L2+L3+N+PE 400Va.c., 50Hz/60Hz
Max AC Current	32Aa.c.
Rated AC Power	22kW

General Parameters	
Ingress Protection	IP54
Impact Protection	IK07
Dimensions	429 × 174.5 × 345 mm
Net Weight	11 kg ± 0.5 kg

Network Configuration Instructions

Bluetooth Low Energy (BLE) Status: When the equipment is not yet connected to a network, it will automatically enable BLE broadcasting and activate BLE services to provide Bluetooth network configuration capabilities.

Note: During the BLE configuration process, ensure your network environment is stable and follow the instructions to complete the setup.

Port 5353

The primary function of port 5353 (TCP/UDP 5353) in a network is to implement the mDNS protocol for mutual discovery between devices on the local area network (LAN).

Application Scenarios: Multi-device linkage, self-consumption scenarios, and energy scheduling strategies in the LAN.

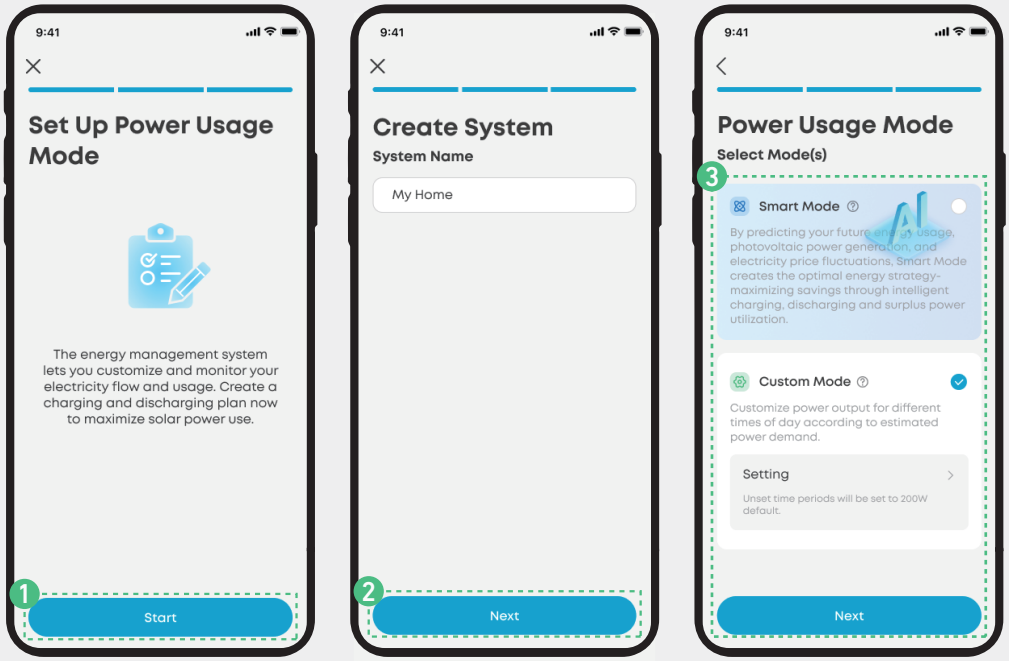
Access the device via hostname.local on the same local area network without traditional DNS configuration.

mDNS Protocol Characteristics: Using UDP protocol, port 5353 is its standard port, compatible with the standard DNS query format.

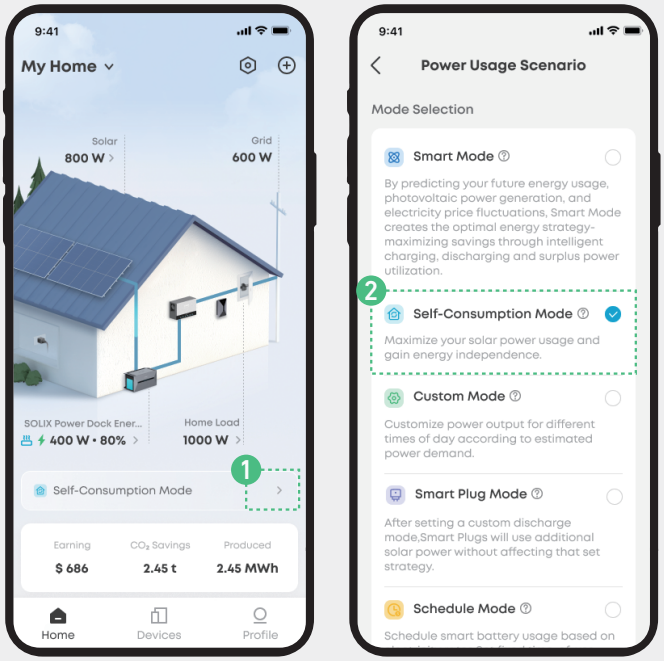
Appendix I: How to Select Power Mode on Anker App

Access Mode Selection

During Setup: Select a power mode from the options provided.



After Setup: Access mode selection from the shortcut on the home screen.



Power Mode Overview

Power Mode	Description	Preconditions
Smart Mode	This mode can decide an optimal strategy by learning your solar power generation and electricity use patterns, as well as your utility rate plan.	· Smart meter added · Google Maps supported by your phone
Self-Consumption Mode	This mode prioritises the use of solar power.	· Smart meter added
Custom Mode	Under this mode, you can customise your electricity use strategy.	/
Smart Plug Mode	This mode is largely the same as Custom Mode except for adding the power of smart sockets into your plan. You can customise your electricity use strategy.	· Smart socket added
Schedule Mode	This mode can schedule your electricity use based on your utility rate plan, aiming to cut electricity costs.	/
Manual Backup Power (Advanced Option)	If Manual Backup Power is enabled, energy storage batteries will be charged at full speed using solar power and then the grid in preset time periods.	· Smart meter added

Smart Mode

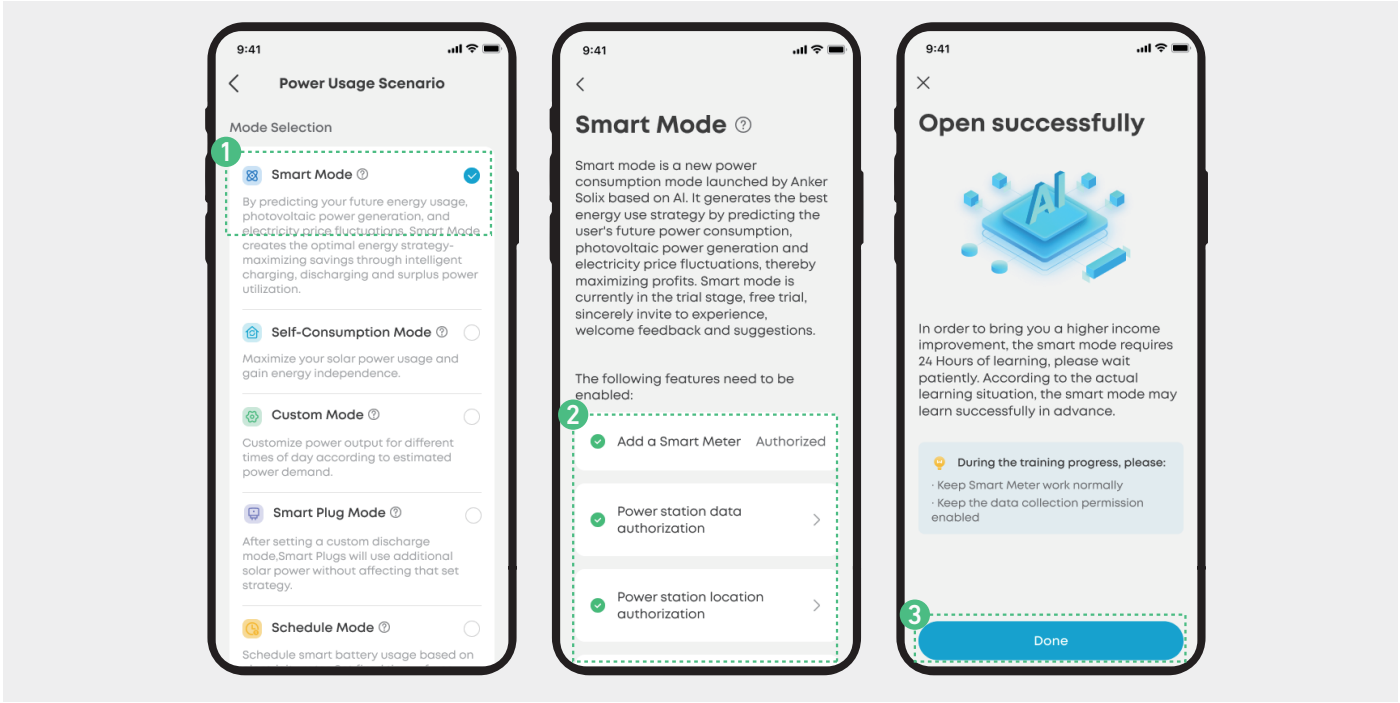
Under Smart Mode, the Power Dock predicts your electricity use and cost by learning the solar power generation patterns, your electricity use patterns, and your utility rate plan to create an optimal power strategy.

· Smart Mode requires a smart meter and is only compatible with phones that support Google Maps.

How to Set Up

1. Select **Smart Mode**.
2. Complete the following settings:
   · Add a smart meter.
   · Authorise data access.
   · Authorise location access.
   · Set your utility rate plan.
   · (Optional) Add and set your power plug.
3. Power Dock will start self-learning and complete it within 24 hours.

See "Appendix II: How to Set Utility Rate Plan on Anker App" for instructions to set the utility rate plan.



How does Smart Mode help me save money?

Smart Mode will help you reduce electricity costs through smart charging / discharging and utilisation of excess electricity.

1. Smart Charging / Discharging

· When the predicted solar power generation is less than the predicted electricity use, the Smart Mode will use the grid to charge batteries at off-peak hours and use batteries for household loads at peak hours.
· According to the preset utility rate plan, the Smart Mode will use up batteries for household loads just before negative electricity price hours, and then use the grid for household loads and battery recharging (at peak charging speed) at negative price hours.

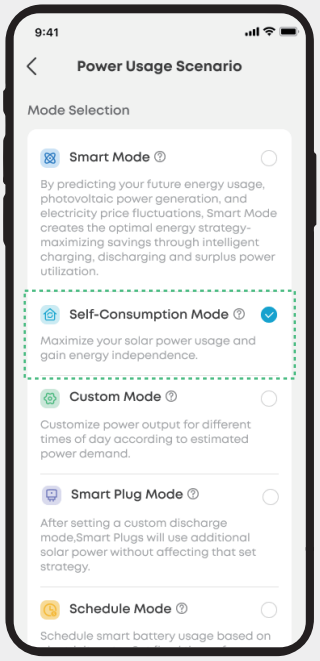
2. Utilisation of Excess Electricity

· This will be enabled when a smart socket is added and set in the Smart Mode configuration.
· The excess electricity generated by the solar power system will be used for charging through smart sockets.

Self-Consumption Mode

Self-Consumption Mode maximises your use of solar power and minimises reliance on the grid. In this mode, the smart meter will continuously monitor power demand, and the Power Dock will dynamically adjust the power output or storage.

- Self-Consumption Mode requires a smart meter.
- If the smart meter goes offline or malfunctions, Power Dock will automatically switch to Custom Mode until the smart meter is functional again.



Custom Mode

In this mode, you can set a 24/7 schedule to customise the power output based on your specific needs. The system will power your household loads according to the schedule you set. Based on your maximum power output settings, excess power will be stored in batteries, while insufficient power will be purchased from the grid.

You can set a 24/7 schedule of solar power consumption and storage for the solar power system

- Under this mode, the power output of time periods and days without any settings is 200W by default.
- The maximum power output that can be set is 800W.

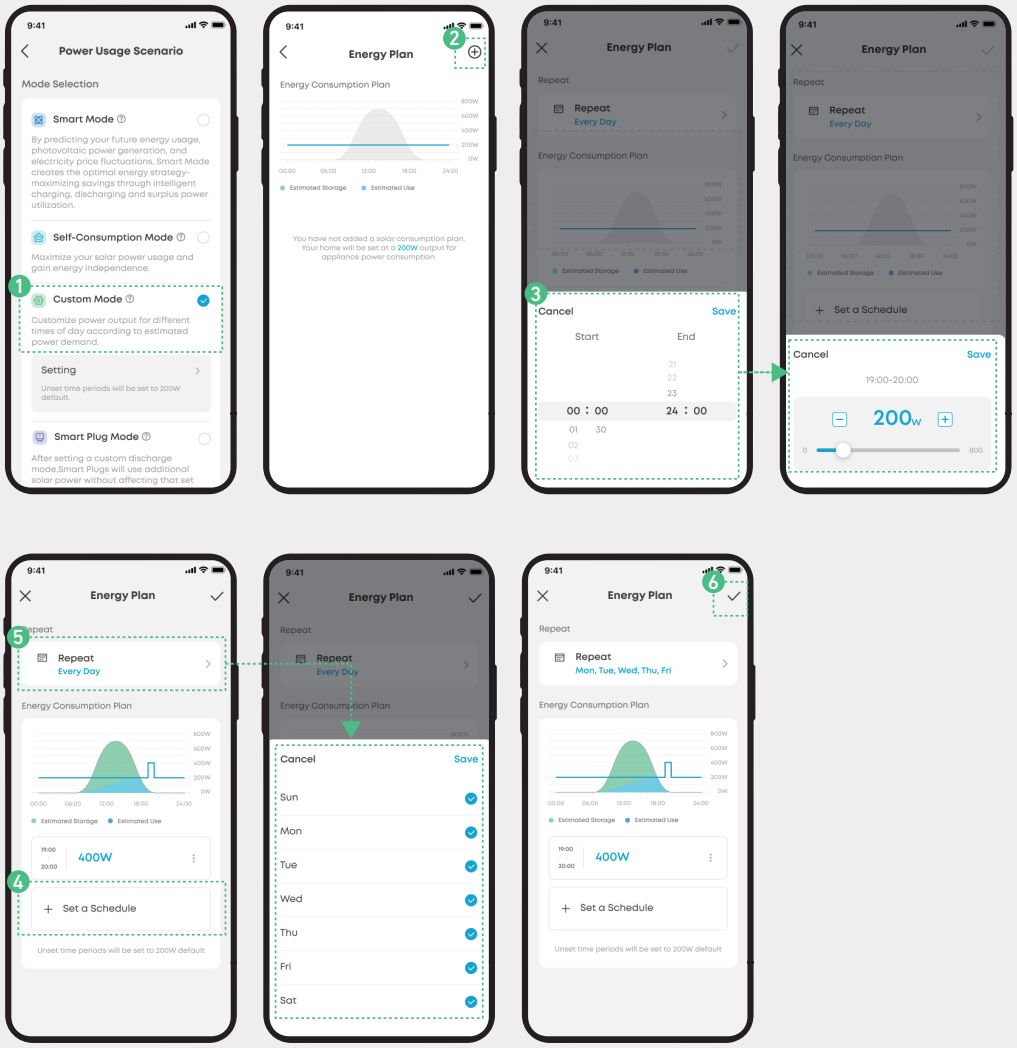
How to Set Up

1. Select **Custom Mode** and tap **Settings**.
2. Tap < ⊕ > to add an energy plan.
3. Set the time period and power output.

4. Tap **Set a Schedule** to add time period and define power output.

5. Tap **Repeat to set** repeated days of current plan.

6. Save and apply the energy plan by tapping ✓



Smart Plug Mode

The Smart Plug Mode is largely the same as the Custom Mode except for adding the power of smart sockets into your plan. You can set a 24/7 schedule to customise the power output based on your specific needs. The system will power your household loads according to the schedule you set. Based on your maximum power output settings, the excess power will be stored in batteries, while insufficient power will be purchased from the grid.

- Smart Plug Mode requires at least one smart socket. Up to 6 smart sockets can be added.
- You do not need to consider the power of smart sockets when making an energy plan. The power of smart sockets will be auto-added to your energy plan.

Refer to Custom Mode for how to set up Smart Plug Mode.

Schedule Mode

Schedule Mode schedules electricity use and storage based on your utility rate plan, in order to reduce electricity costs. Select the Time-of-Use Mode if your rate plan is fixed. Select the Time Slot Mode if your rate plan is dynamic.

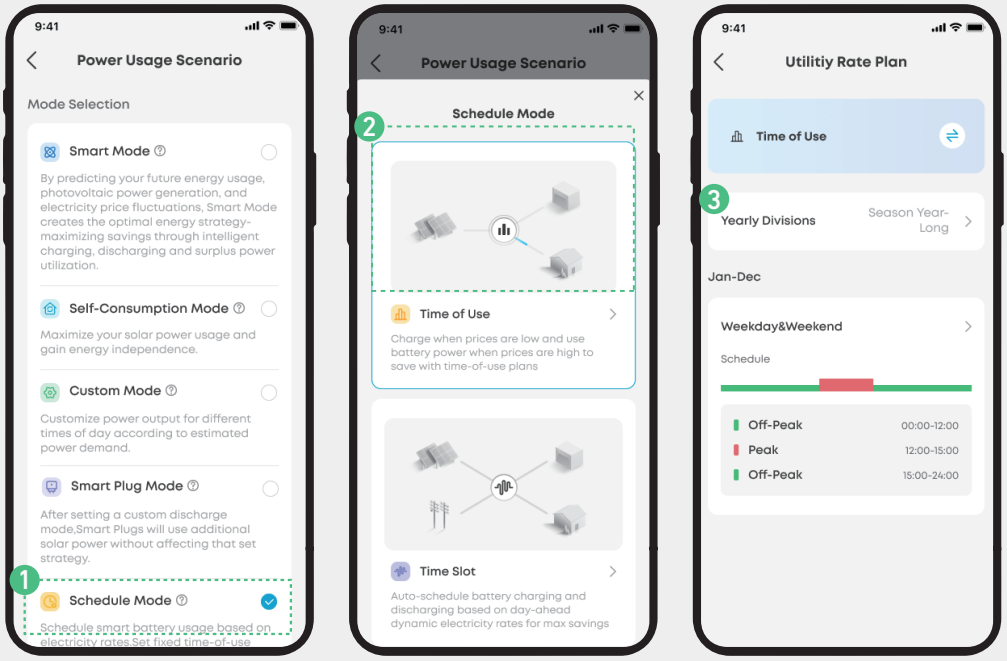
Schedule Mode requires a smart meter.

Time of Use	The Power Dock will schedule electricity use and storage based on the rate plan you set. How the power system works during the following periods: · **Peak / Mid-Peak:** Solar power prioritises supplying household loads. Excess solar power recharges energy storage batteries. If solar power is insufficient for the loads, batteries will discharge, and then power will be purchased from the grid to meet demand. Batteries will not be charged from the grid during these periods. · **Off-Peak:** Solar power prioritises supplying household loads. Excess solar power recharges energy storage batteries. If solar power is insufficient, batteries supply power to the loads until the remaining power is approximately 80%. Batteries will not be charged from the grid during these periods. · **Super Off-Peak:** Solar power prioritises recharging energy storage batteries. If solar power is insufficient, electricity will be purchased from the grid. When batteries are fully charged, household loads will be powered by solar power and then by the grid. Batteries will not discharge at all during this period.
Time Slot	Auto-schedule battery charging and discharging based on dynamic electricity rates for maximum savings.

Set Up Time-of-Use Mode

· Select **Schedule Mode** and tap **Time-of-Use**.

· Set your rate plan following the instructions specified in Time of Use in Appendix II.

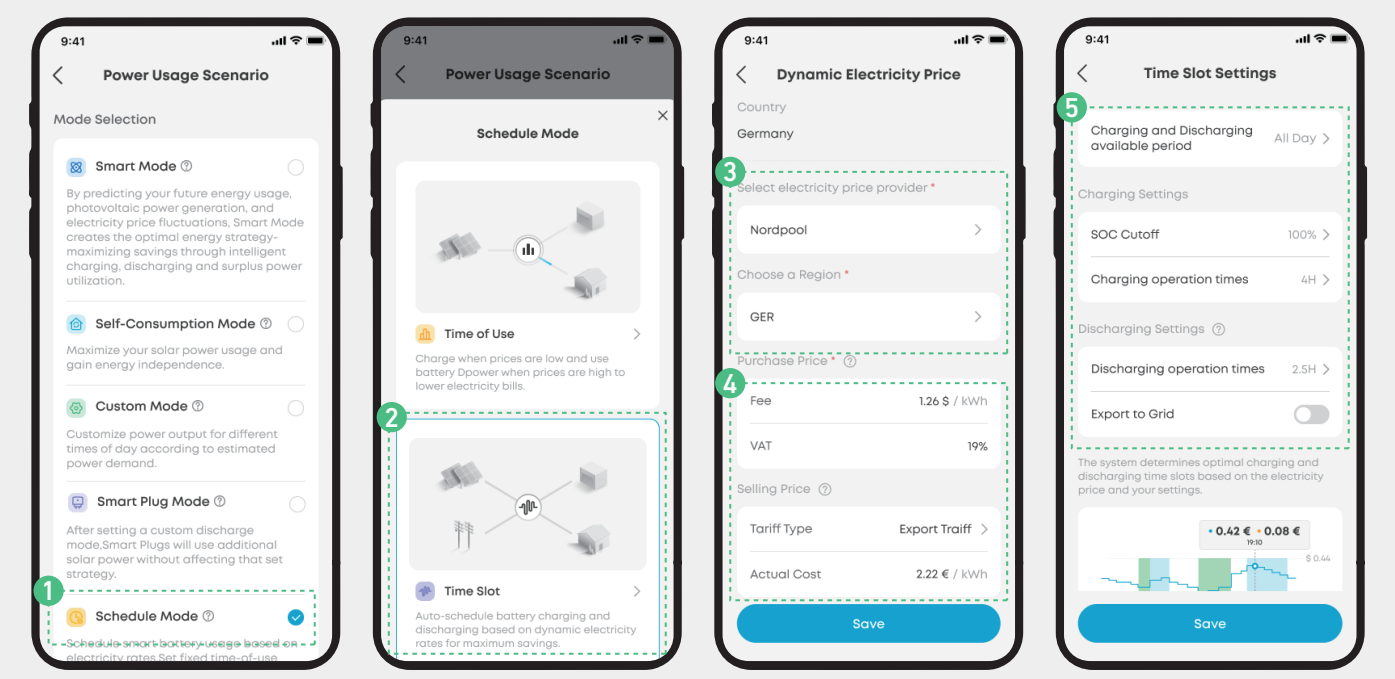


Set Up Time Slot Mode

1. Select **Schedule Mode**.
2. Tap **Time Slot**.
3. Select your electricity provider and choose your region.
4. Review and modify the purchase price and selling price (if applicable) as needed.

Purchase Price	**VAT:** Confirm the correct value-added tax rate for your area. **Fee:** Ensure it includes other applicable taxes, network fees, and levies. Note: The combined total of the wholesale price, VAT, and fees should closely match the retail price on your electricity bill.
Selling Price (If Applicable)	**Tariff Type:** If you intend to sell energy to the grid, select the appropriate tariff type. **Fee:** Set the selling price accordingly.

5. Check time slot settings and make adjustments as needed.



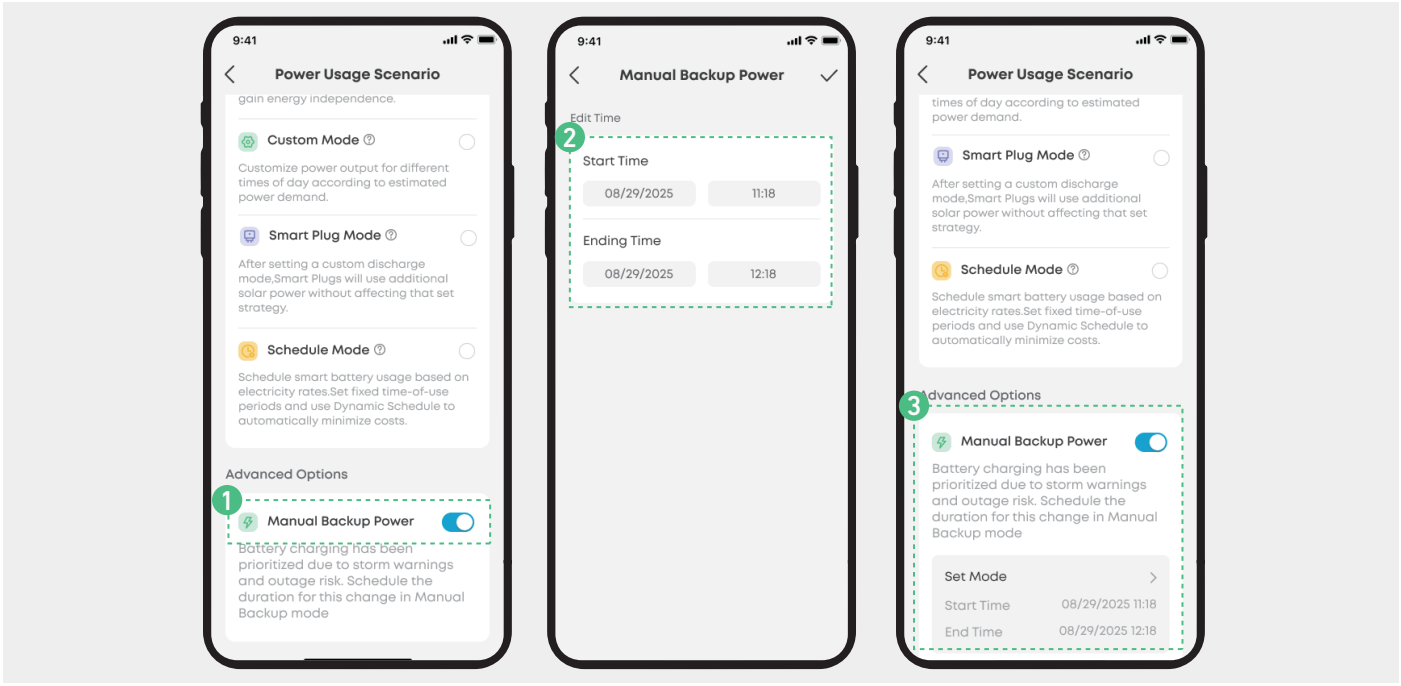
The system determines the optimal charging and discharging time slots based on the electricity prices and your settings.

Charging and Discharging Available Period	You can set the time period for charging and discharging. During the time period, the system will execute the schedule according to the charging operation times and discharging operation times set below.
Charging Settings	**SOC Cutoff:** The system automatically stops charging when the battery reaches the SOC cutoff. **Charging Operation Times:** The system will identify the corresponding periods with the lowest electricity prices based on your dynamic rate plan, and then automatically charge the batteries during those periods.
Discharging Settings	**Discharging Operation Times:** The system will identify the corresponding periods with the highest electricity prices based on your dynamic rate plan, and then automatically discharge the batteries during those periods. **Excess to Grid:** Enable this feature to feed excess energy to the grid. If this feature is disabled, the energy will be reserved for home use.

- If the charging or discharging times are not set, the system will execute the Self-Consumption Mode.
- If the charging or discharging times are set, the system will charge or discharge within the set time period.

Manual Backup Power (Advanced Option)

When manual backup power is enabled, Power Dock prioritizes battery charging in case of storm warnings or potential outages. You can set the start and end time for this change.

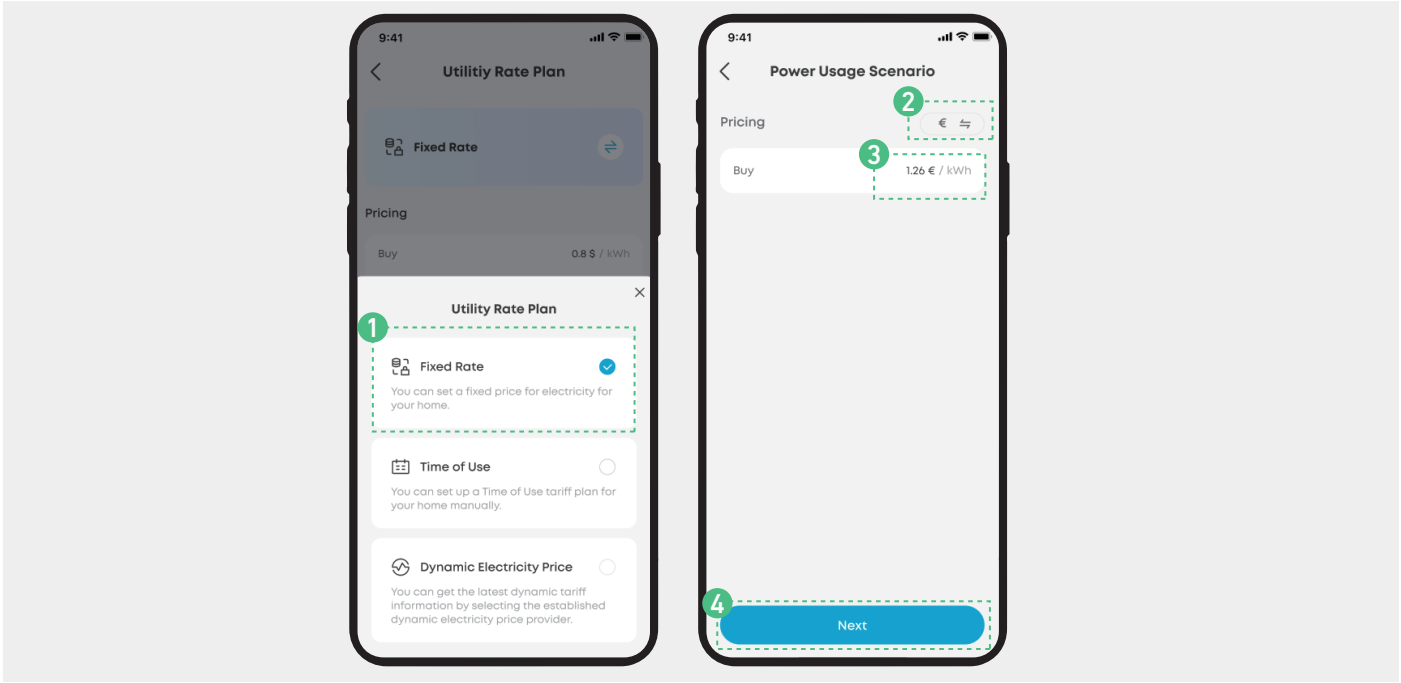


Appendix II: How to Set Utility Rate Plan on Anker App

Fixed Rate

Set the utility rate as a fixed rate.

1. Select **Fixed Rate**.
2. Select the price unit.
3. Type in the fixed rate.
4. Save the settings.



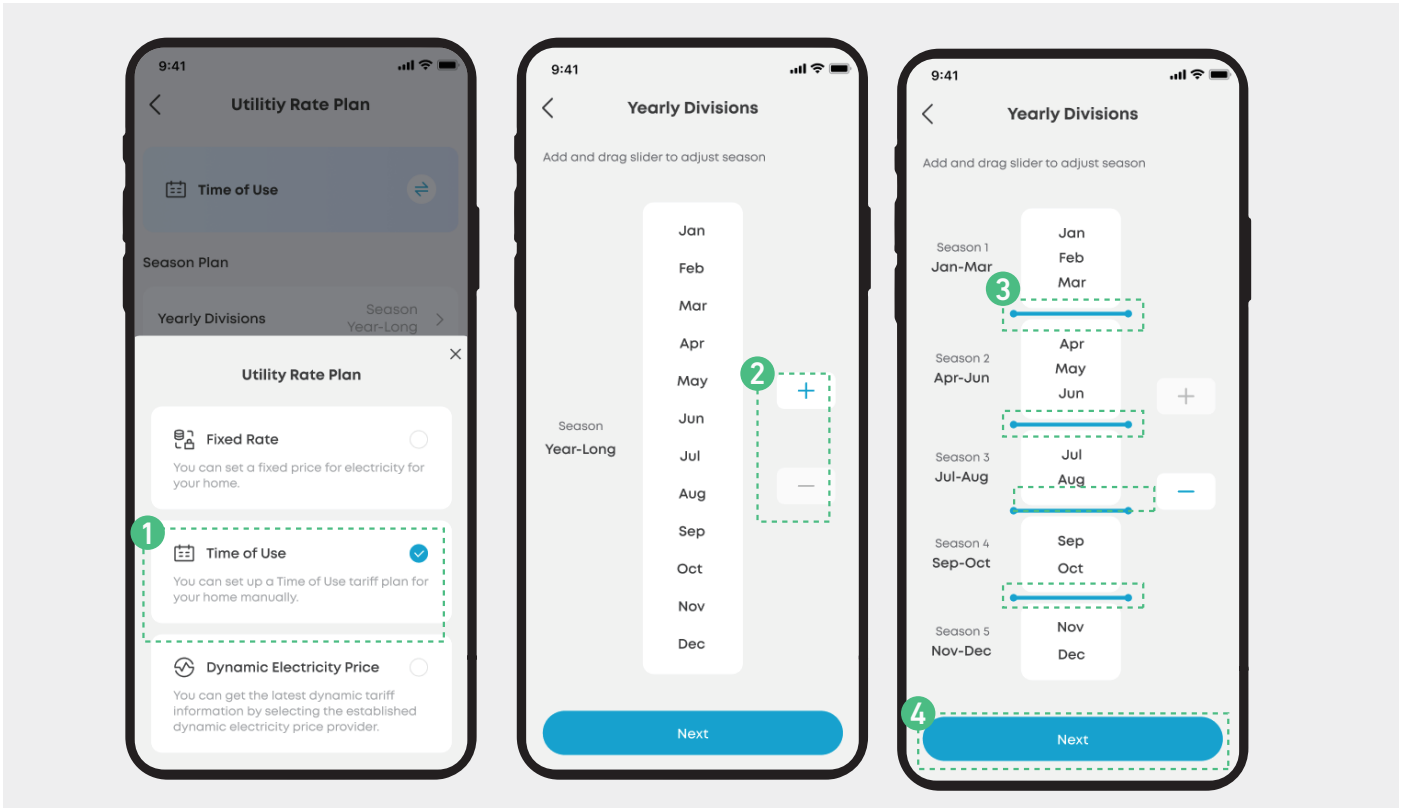
Time of Use (TOU)

Set the peak and off-peak rates for time periods during weekends and weekdays.

Step 1: Set Seasons

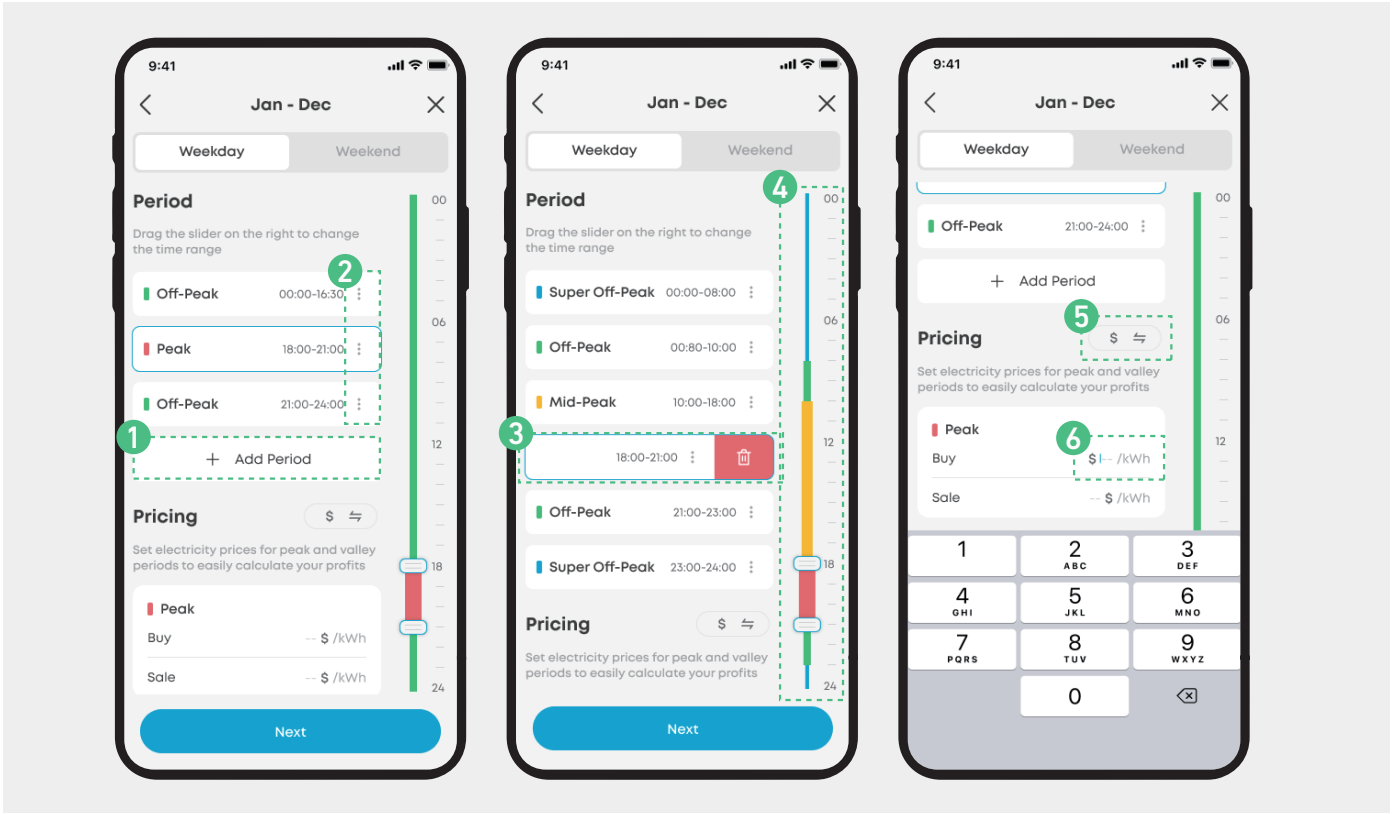
1. Select **Time of Use**.
2. Tap **< + >** or **< – >** to add or remove seasons. Up to 5 seasons can be added.
3. Drag the sliders to adjust the months.
4. Tap **Next** to proceed to the next step.

If the energy pricing does not change across seasons, skip items 3 and 4.



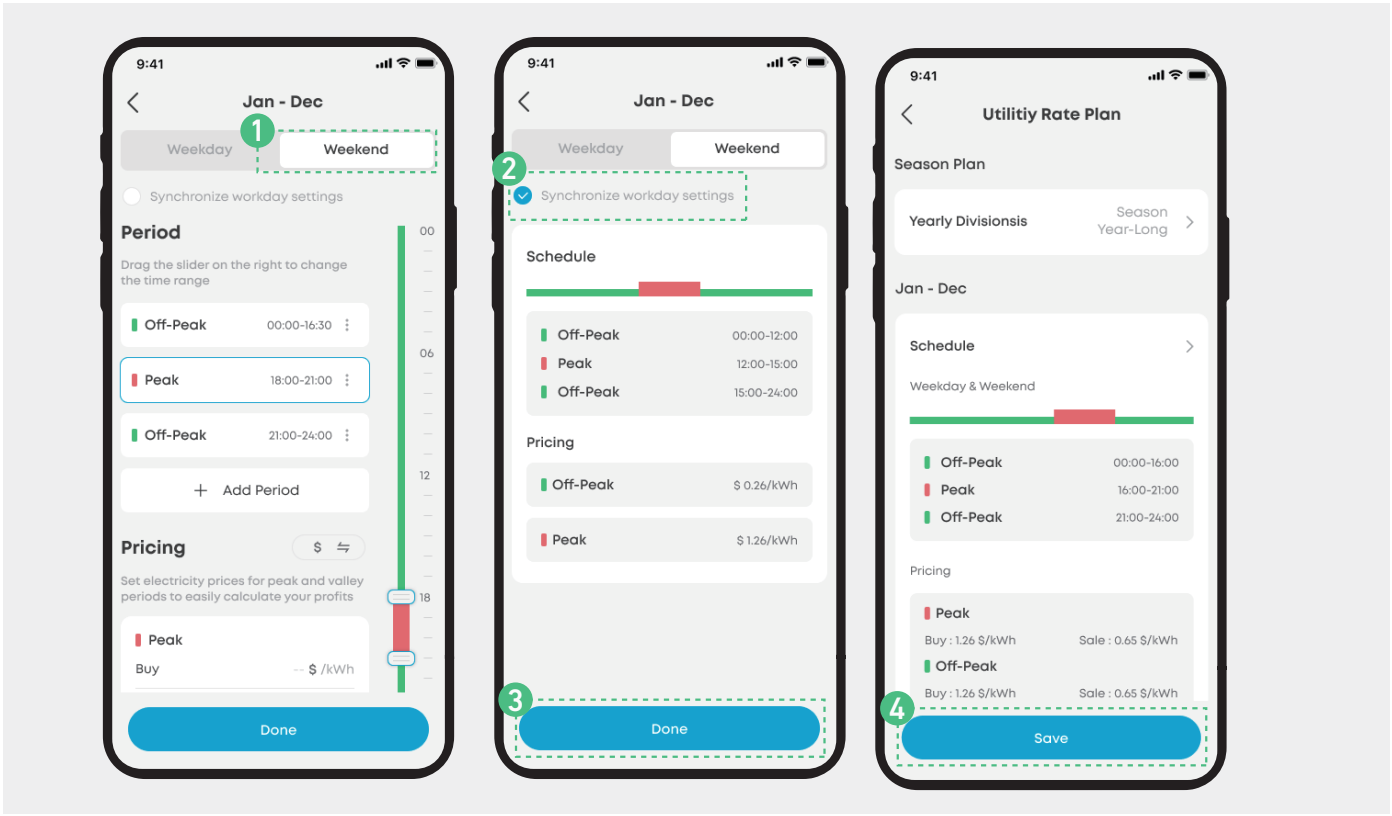
Step 2: Set Periods and Pricing for Weekdays

1. Tap **Add Period** to add a period. Up to five periods can be added.
2. Tap **< ⋮ >** to change the type of the time period. Four types can be selected, e.g., Peak, Mid-Peak, Off-Peak, and Super Off-Peak.
3. Swipe left to delete a period.
4. Drag the slider on the right to change the time range.
5. Select price unit.
6. Define the pricing for different types of periods.



Step 3: Set Periods and Pricing for Weekends

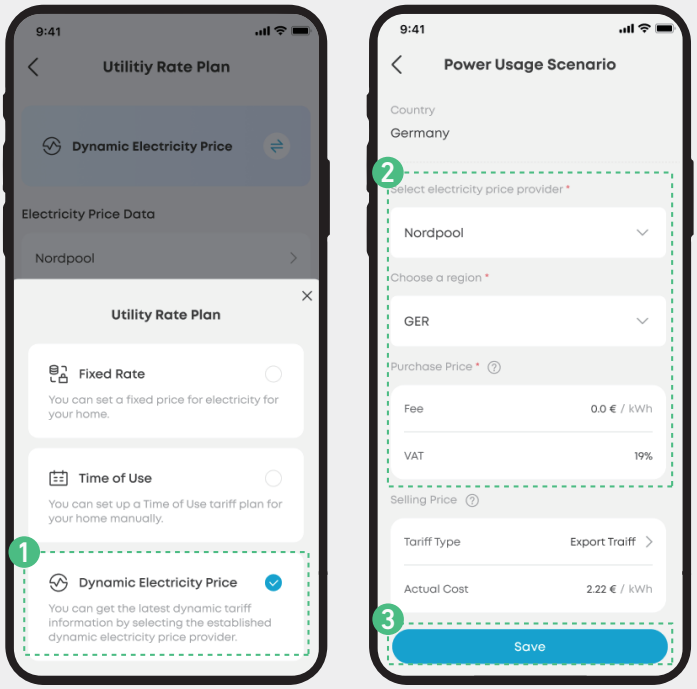
1. Tap **Weekend** to set periods and pricing for weekends following the same instructions as specified in Step 2.
2. If the periods and pricing are the same as weekdays, tick **Sync Weekdays Settings**.
3. Tap **Next** to set periods and pricing for the next season.
4. If all seasons are set, the confirmation screen will be reached. Tap **Save** to save the settings.



Dynamic Electricity Price

Select your electricity provider for the system to gain dynamic electricity prices.

1. Select **Dynamic Electricity Price.**
2. Select provider and package information. The **Country** information will be auto-selected based on your location.
3. Save the settings.



IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS • This document contains important instructions that must be followed during installation, use, and maintenance. Before installing and using the equipment, read all instructions, including the equipment safety markings. Do not make any changes or create settings that are not described in this document. If physical injury, loss of data, or damage is caused by failure to follow instructions, the warranty does not apply.

Personal Safety

- Do not open the lid privately and put your hands or fingers into the device.
- Installation should be carried out by a qualified electrician.
- Non-standard and improper operations on energized equipment may cause fire, electric shocks, or explosions, resulting in property damage, personal injury, or even death.
- Always wear goggles and protective gloves when drilling or handling equipment and components that may spark or arc, which could ignite flammable vapors.
- Remove any debris accumulated within or around the equipment after drilling.
- External circuit connections between devices should not run through the building wiring and should not exceed 10 meters in length.
- Do not replace the fuse. The internal fuse Is non-replaceable.

Environmental Requirements

- Do not use the product at a temperature above 55°C.
- Install the equipment away from flammable, explosive, or chemical materials, strong magnetic fields, or wireless transmitters.
- Install the equipment in an area away from liquids and in a well-ventilated environment.
- Install the equipment 1.2 m to 3 m above the ground.
- Ensure the wall is solid, flat, and large enough to support the equipment, with a minimum bearing capacity of 100 kg.
- Avoid areas with strong vibrations, shock, or electromagnetic interference, such as a car wash, welding machine, electric arc furnace, electric motor, and places that may cause interference to the power grid.

Installation

- Do not continue to use Power Dock if water enters the equipment. Please handle the equipment in accordance with local regulations to avoid fire or injury.
- Do not use damaged wires or plugs.

- Always follow the installation instructions. If no additional devices are being added to the corresponding port, please close the cover.
- The grounding wire requirements should refer to the operation manual. The grounding impedance should not exceed 0.05 Ω.
- Installation should be carried out by a qualified electrician.
- Verify that the equipment is intact before installation. Damaged equipment may cause electric shocks or fires.
- Ensure power is off before installation. Do not install or remove cables with power on.
- Take off conductive objects (such as watches, bracelets, bangles, rings, and necklaces) to prevent electric shocks during installation.
- Use dedicated insulated tools to prevent electric shocks or short circuits.
- Only use Anker SOLIX charging stations with 6mA DC RCD protection.
- Use cables that comply with local regulations and check for an intact insulation layer.
- Do not join or weld power cables. Use a longer cable if necessary.
- Please keep the product away from fire sources and explosive substances.
- Ensure cables are not twisted.
- Use a screwdriver with proper torque to tighten screws. The torque error should not exceed 10% of the specified value. Ensure that the screwdriver does not tilt when using it.
- Seal any unused cable entry holes after installation.
- The equipment terminals are used for electrical connections only.
- Do not make contact with other conductors or indirect contact with power supply equipment through wet objects.
- Ensure that all electrical connections comply with local electrical standards.

Usage and Operation

- Operate under conditions of -20 to 55°C.
- Store under conditions of -20 to 55°C and humidity within 95%.
- Do not use or replace the equipment in extreme weather conditions.
- Keep children away from the equipment.
- Follow local regulations and the instructions specified in this document. Non-standard and improper operations may result in fire or electric shocks.
- Prevent foreign objects from entering the equipment.
- Do not insert fingers or sharp objects into any components of the equipment.
- Do not drop, fold, crush, or puncture the equipment.
- Do not use the equipment if it is defective, cracked, damaged, or malfunctioning.

- Do not remove the safety marks, warning signs, nameplates, or cabling marks from the equipment.
- If there is a probability of personal injury or equipment damage during operations on the equipment, immediately stop the operations, report the case to the supervisor, and take feasible protective measures.
- The high voltage generated by the equipment during operation may cause an electric shock, which could result in death, serious injury, or serious property damage.
- After installing the product, please close the cover in time to avoid contact with the electrical body and causing injury.

Maintenance and Replacement

- Do not disassemble, repair, or modify the equipment by yourself.
- Only qualified professionals are allowed to disassemble and maintain the equipment.
- Use original or certified cables and accessories.
- Before any maintenance, power off the equipment and strictly follow the safety instructions in this document and other relevant documents.
- During maintenance, use appropriate tools and testing equipment. Place temporary warning signs or barriers to restrict access.
- Contact customer service if the equipment malfunctions. Do not power on the equipment until all issues have been resolved to prevent further damage.
- Do not clean the product with harmful chemicals or cleaning agents.

Default Exposed Network Interfaces and Services

- Bluetooth Low Energy (BLE) Configuration
- Status Description: When the equipment is not yet connected to a network, it will automatically enable BLE broadcasting and activate BLE services to provide Bluetooth network configuration capabilities.
- Note: During the BLE configuration process, ensure that your network environment is stable and follow the instructions to complete the setup.

Declaration of Conformity

Hereby, Anker Innovations Limited declares that this equipment is in compliance with Directives 2014/35/EU & 2014/53/EU & 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address: https://support.anker.com/s/articleRecommend?otherType=Anker_EN_Extemal_Manual_and_Download&secondType=doc. Maximum output power: < 20 dBm (For EU)

Frequency band: 2.4G band (2.4000GHz - 2.4835GHz)

UK PSTI Statement

Hereby, Anker Innovations Limited declares that this equipment complies with the Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023. The full text of the Statement of Compliance is available at the following website:
https://www.anker.com/uk/psti-related

The following importer is the responsible party (contract for EU matters):

Anker Innovations Deutschland GmbH I Georg-Muche-Strasse 3, 80807 Munich, Germany

The following importer is the responsible party (contract for UK matters):

Anker Technology (UK) Limited I GNR8, 49 Clarendon Road, Watford, Hertfordshire, WD17 1HP, United Kingdom

This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Follow local rules and never dispose of the product and rechargeable batteries with normal household waste. Correct disposal of old products and rechargeable batteries helps prevent negative consequences for the environment and human health.

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc., and any use of such marks by Anker Innovations Limited is under license. Other trademarks and trade names are those of their respective owners.