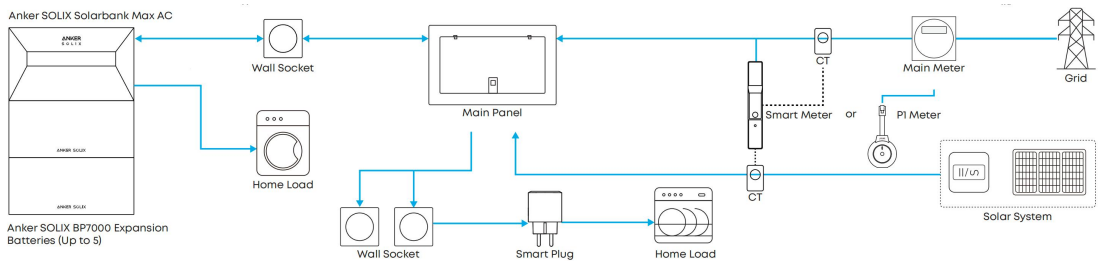
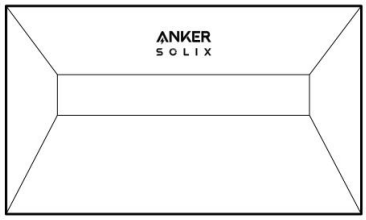
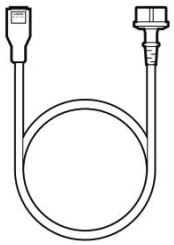
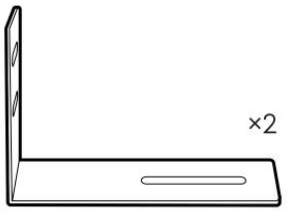
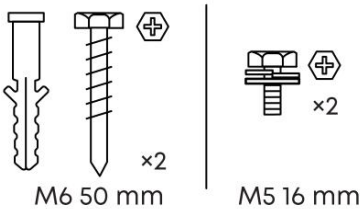
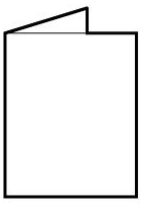
1. System Overview

This diagram shows the typical energy flow in the Solarbank system.

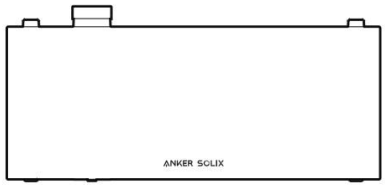
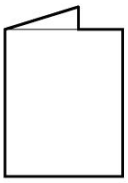


2. Unboxing

In the Solarbank Box

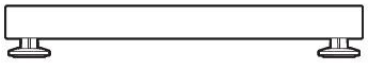
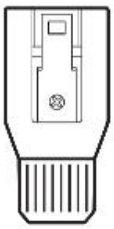
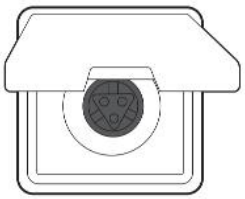
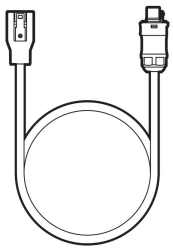
		
Anker SOLIX Solarbank Max AC	AC Cable	Wall Mount Brackets
		
Screws	Documents	

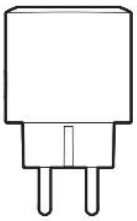
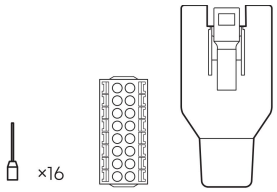
In the Expansion Battery Box

		
Anker SOLIX BP7000 Expansion Battery	Screws	Document

Optional Accessories

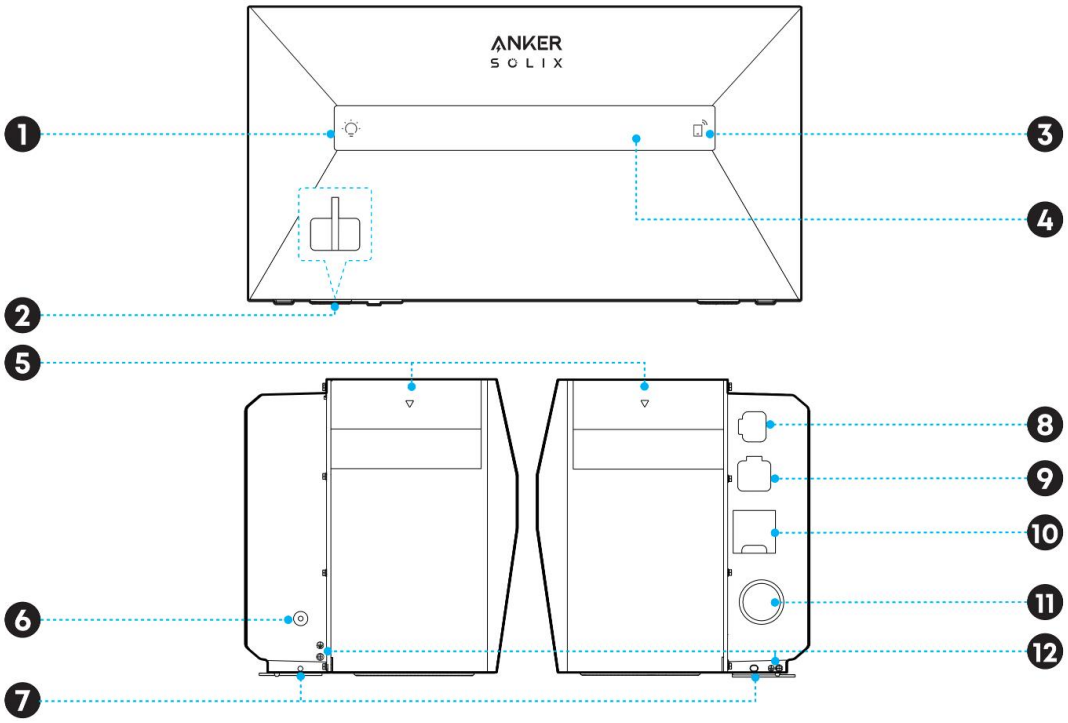
The following accessories can be ordered separately. See online guide for instructions.

		
Mounting Base	AC Connector (Hardwiring)	Wieland Socket
		
AC Cable with Wieland Plug	Smart Meter Gen 2	P1 Meter

		
Smart Plug (Gen 2)	COM Connector Kit	

3. Product Overview

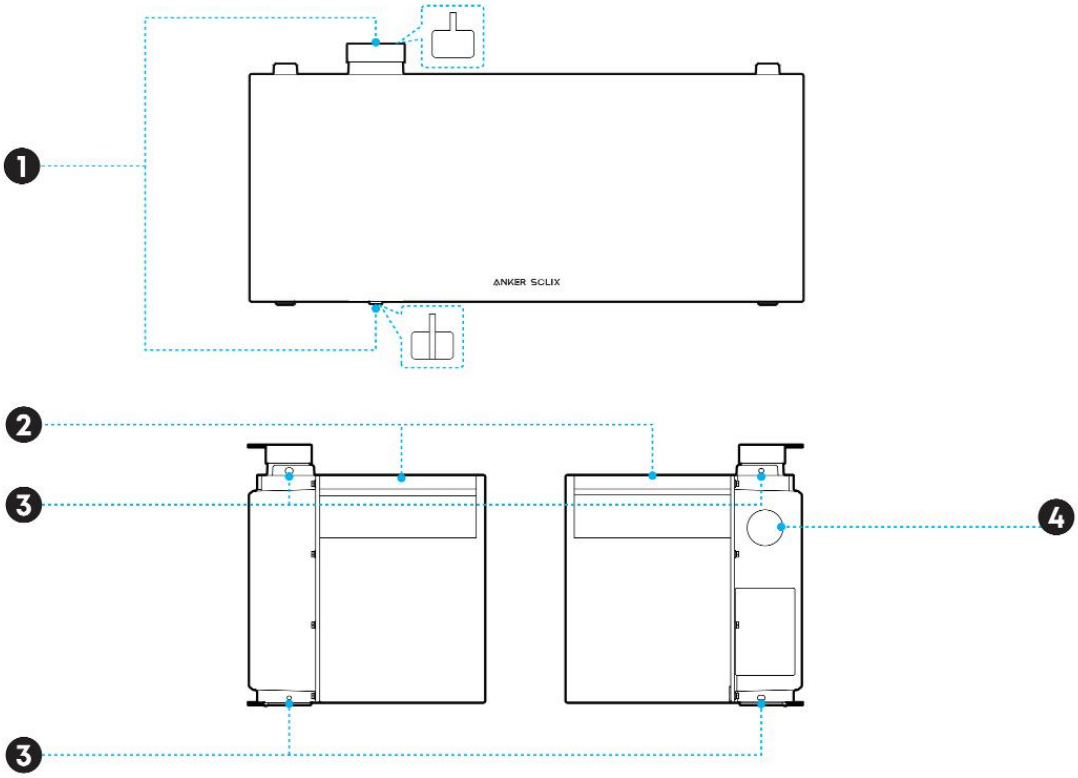
Anker SOLIX Solarbank Max AC



1. Screen On/Off Button
2. Battery Port
3. IoT Button
4. Display
5. Handle
6. Power Button
7. Interlocking Screw Holes
8. On-Grid Port

9. COM Port
10. Load Port
11. Pressure Relief Valve*
12. Ground Terminals

Anker SOLIX BP7000 Expansion Battery



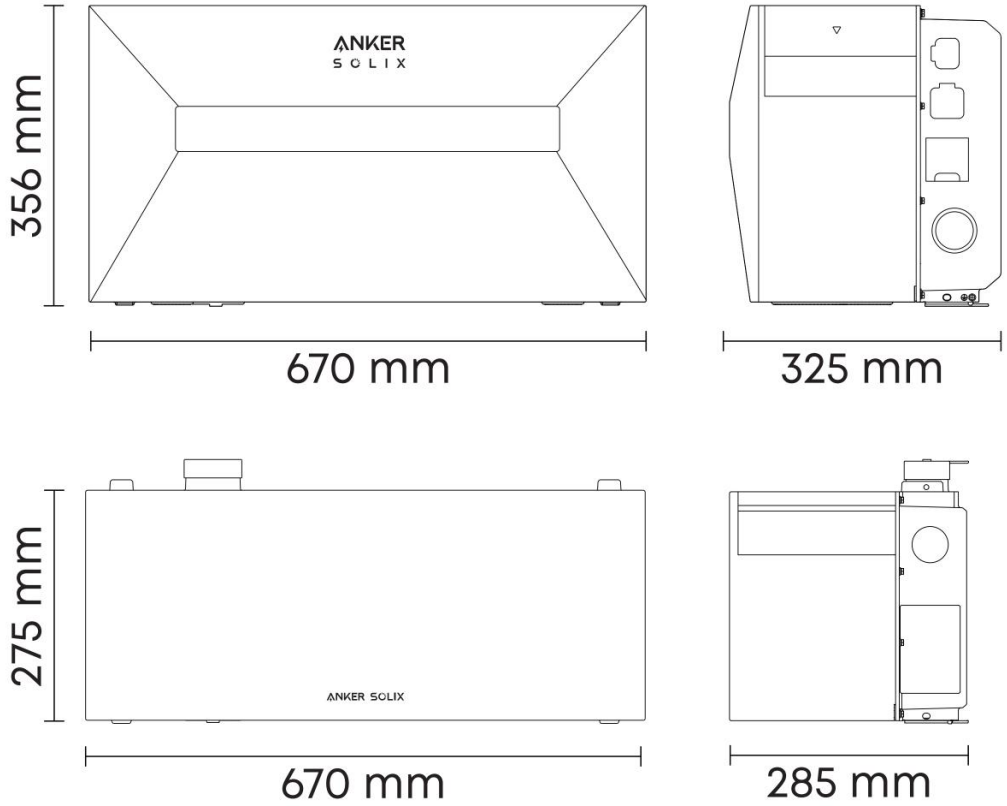
1. Battery Port
2. Handle
3. Interlocking Screw Holes
4. Pressure Relief Valve*

*This valve is a safety device. Do not operate or damage it.

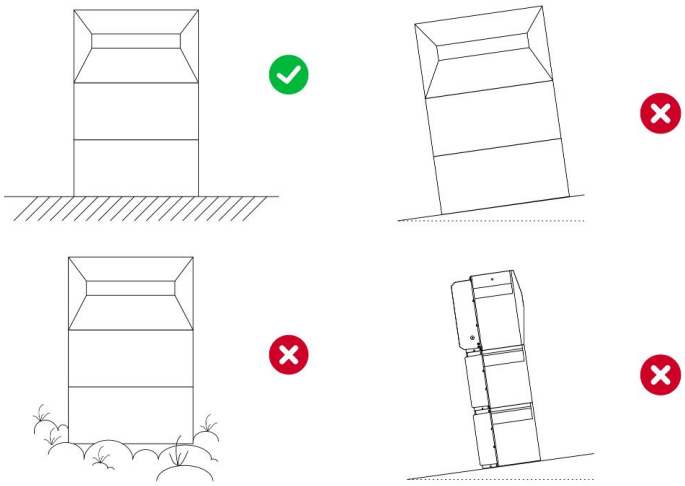
4. Site Selection

- Read all instructions in the safety document before installation.
- Do not place the equipment near direct sunlight, heat sources, or materials that are flammable or explosive.

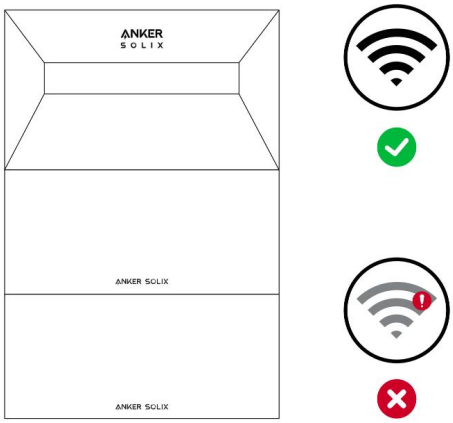
Ensure enough installation space.



Place on a flat, hard surface.



Ensure a good Wi-Fi signal.



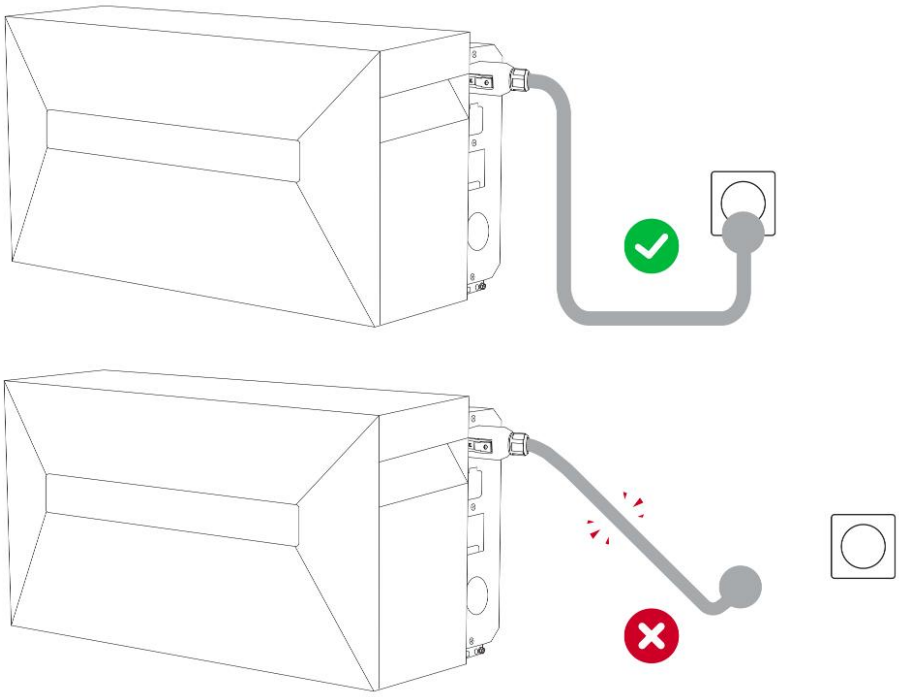
For Grid Connection Via Wall Socket

Ensure the AC cable can reach both the socket and Solarbank.

Important Notes:

- **Basic Mode:** Identify a household circuit with a continuous current capacity of 16A. When Solarbank is connected to this circuit, the system will default to a grid-tied configuration with 3,000W input and 800W output.
- **Professional Mode:** To enable enhanced grid-tied power capabilities, connect Solarbank via hardwiring or to a dedicated circuit. See the Solarbank online guide for details.

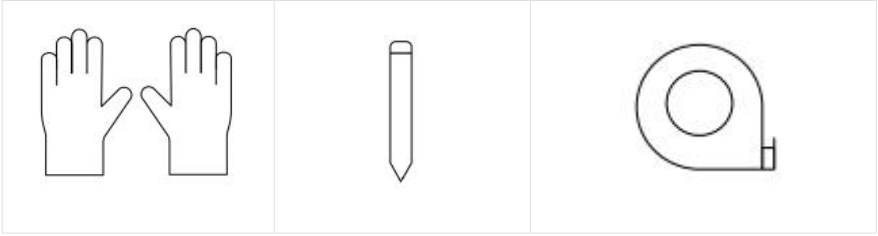
- **CAUTION:** All applicable local electrical codes, safety standards, and regulations must be followed. Installation by a licensed electrician is strongly recommended to ensure compliance and reduce safety hazards or equipment damage.

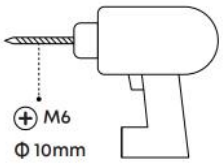
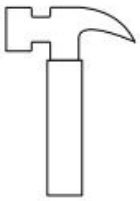
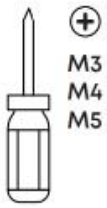


5. Installation

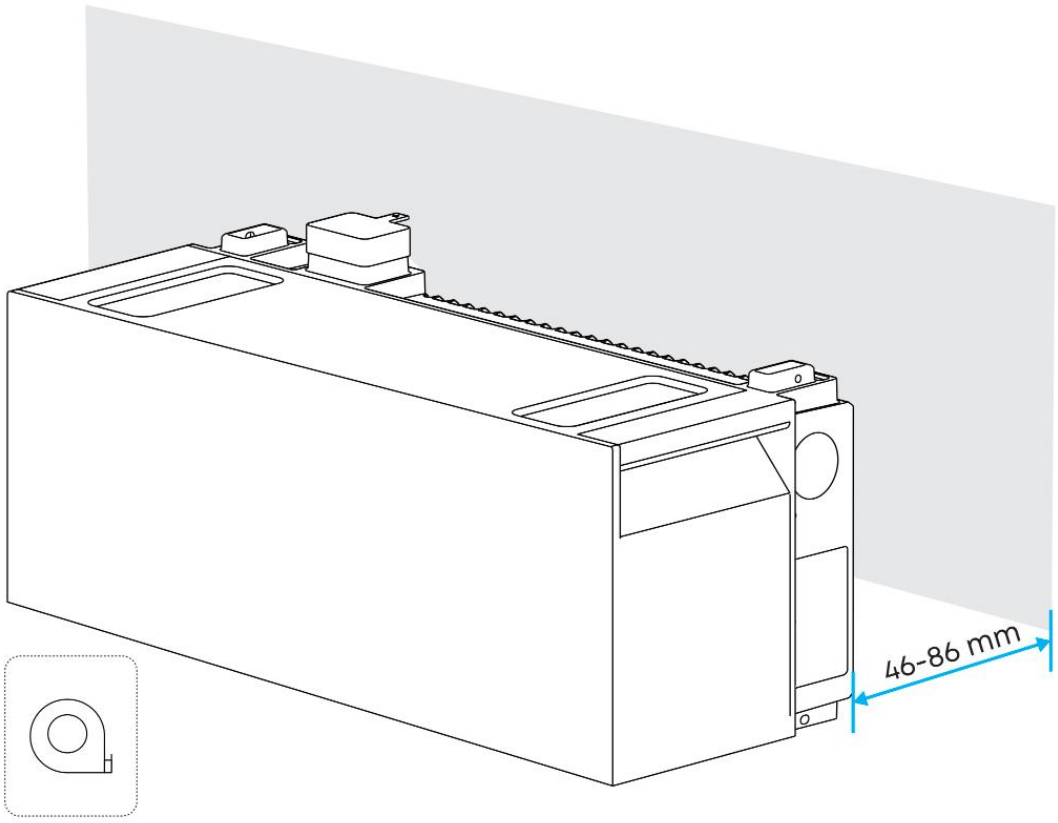
- Ensure Solarbank is powered off during installation.
- When moving the equipment by hand, wear protective gloves to prevent injury.
- For installation with a mounting base, refer to the mounting base guide.

① Get Tools Ready (Not Included)



Safety Gloves	Pen	Measuring Tape
		
Power Drill	Hammer	Screwdriver

② Place the Bottom Expansion Battery



For standalone installation (Solarbank only):

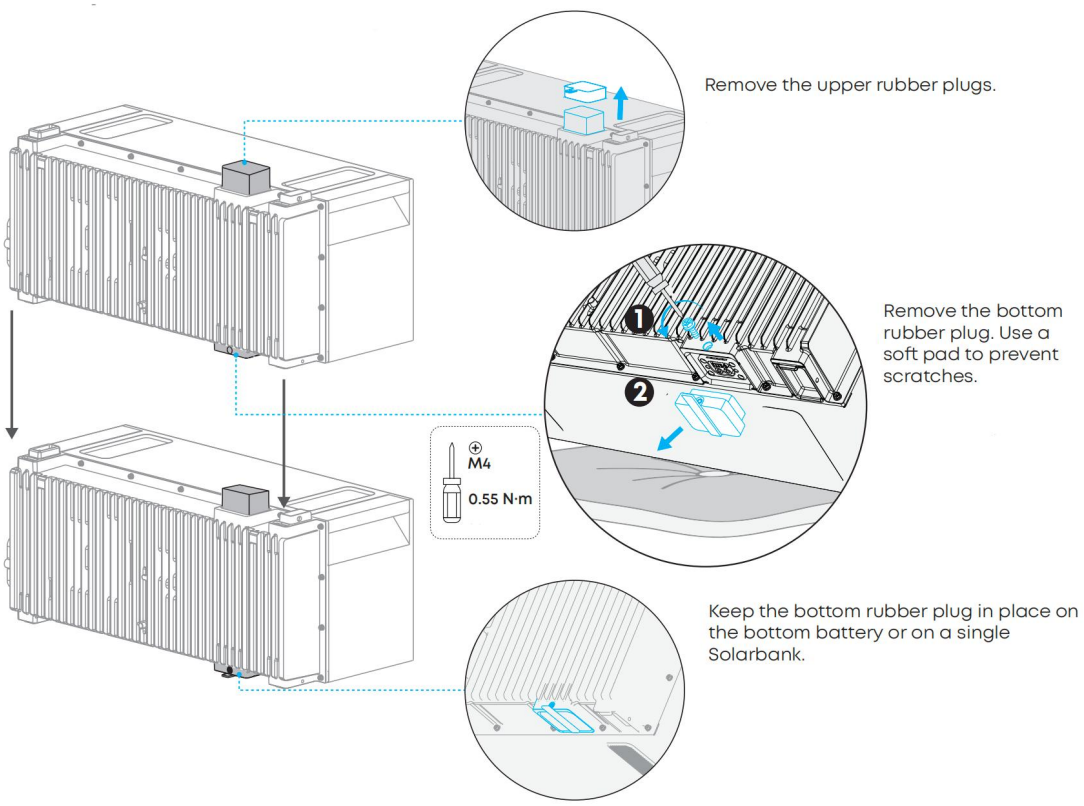
- Position Solarbank 30–70 mm from the wall.
- Skip steps 3–6.

③ Stack Expansion Batteries

Remove the upper rubber plug.

Remove the lower rubber plug. Use a soft pad to prevent scratches.

Keep the lower rubber plug in place on the bottom battery or on a single Solarbank.

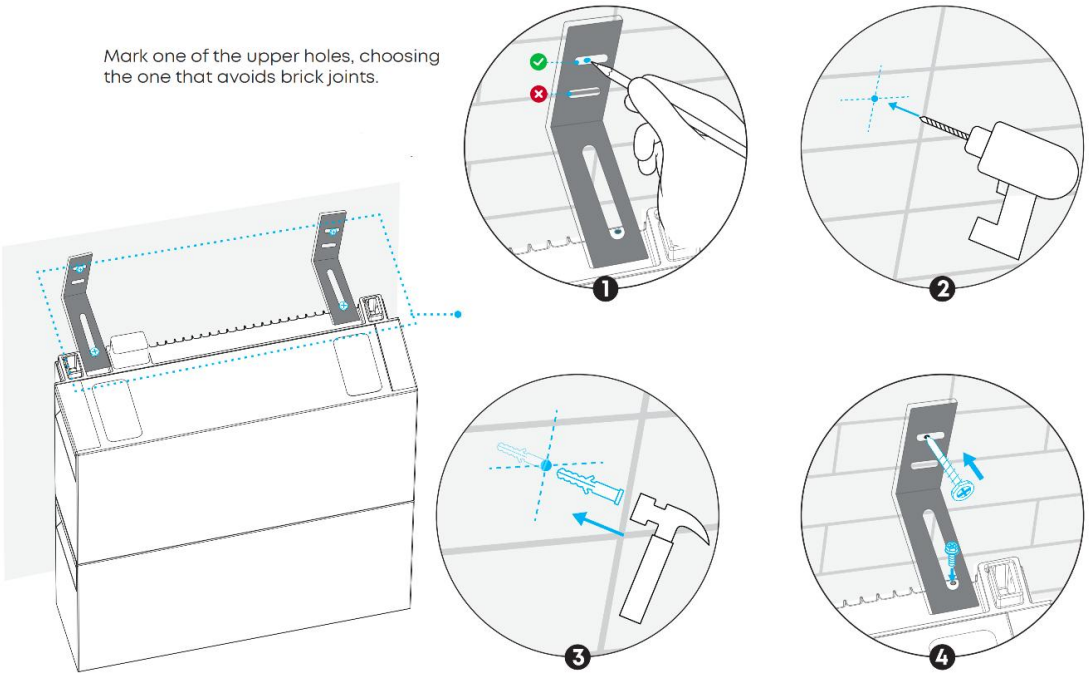


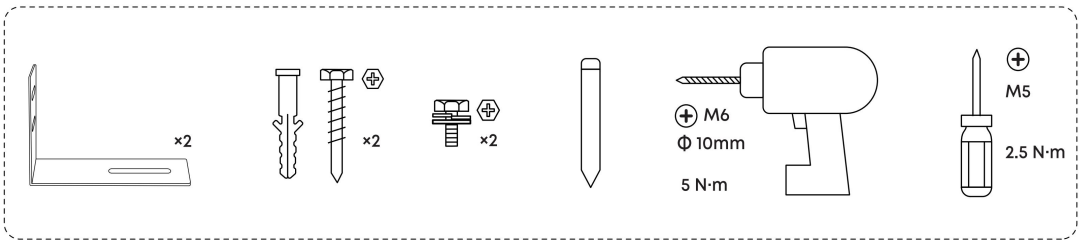
④ Install Wall Mount Brackets

Configuration	Bracket Installation
Solarbank only	Optional
1–3 expansion batteries	1 pair on the top expansion battery
4–5 expansion batteries	1 pair on the top expansion battery, and 1 pair on the third expansion battery (from bottom)

Mark one upper hole that avoids brick joints.

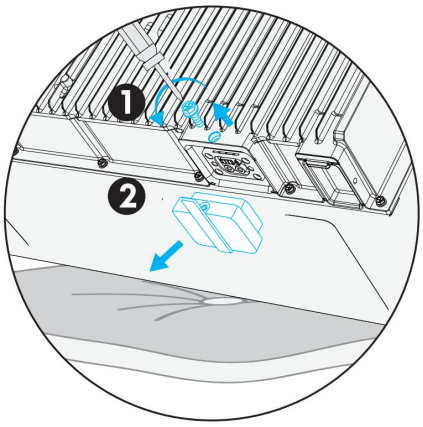
Φ 10 mm, a depth of 50–55 mm



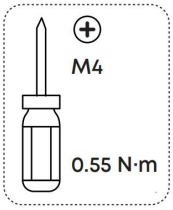


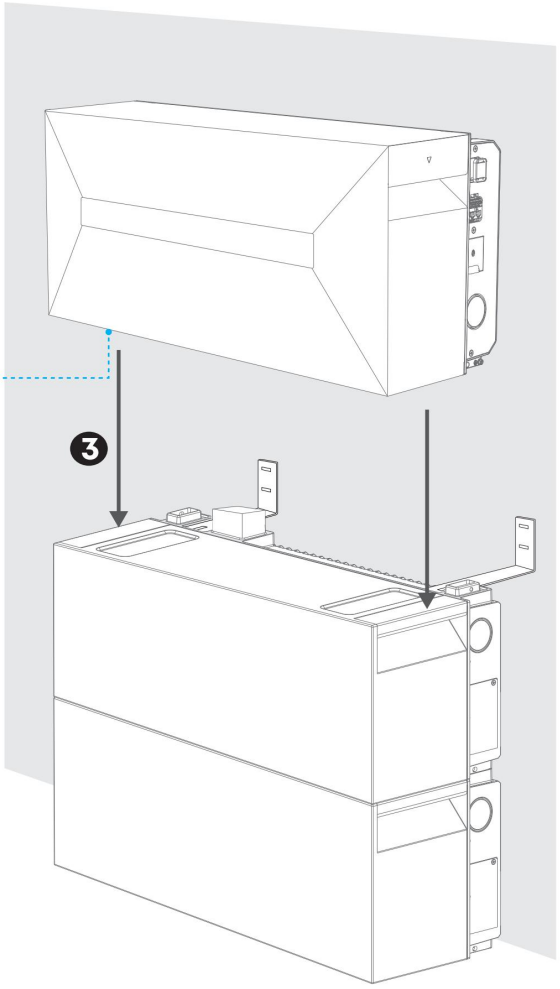
⑤ Mount Solarbank

Remove the lower rubber plug.

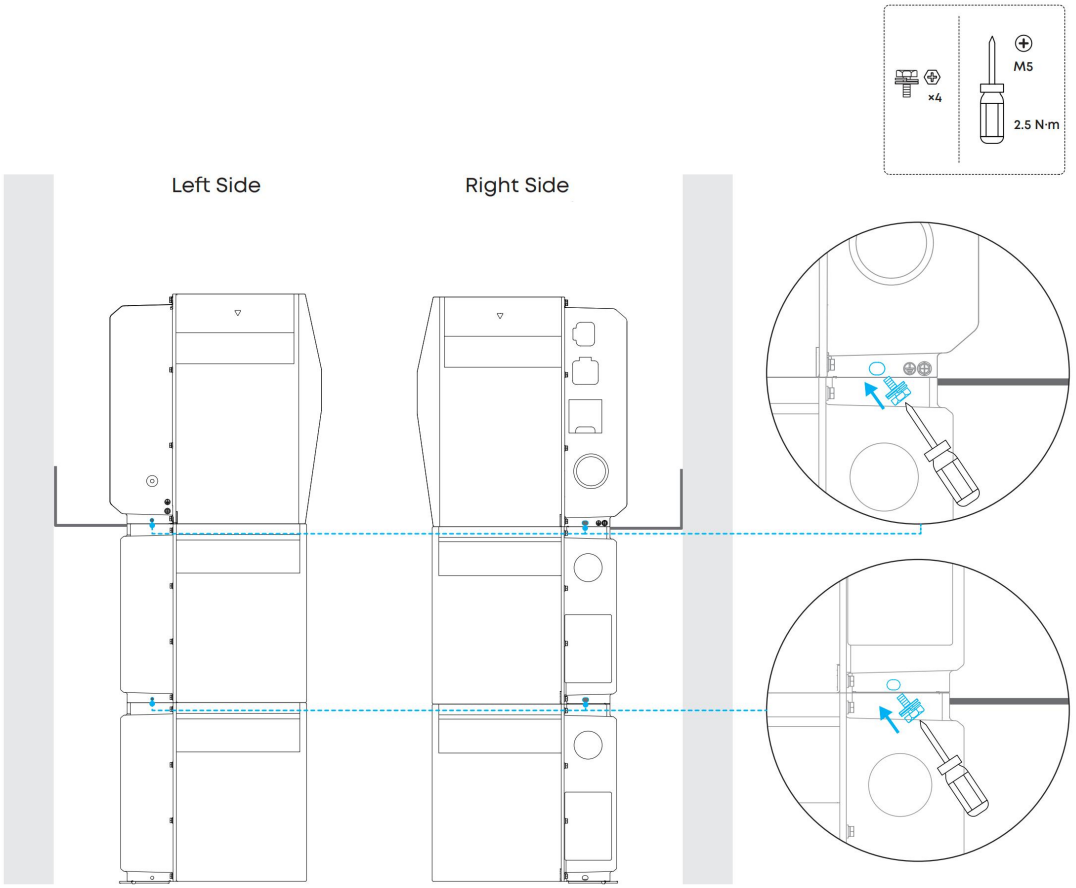


Remove the bottom rubber plug.





⑥ Lock Solarbank and Expansion Batteries

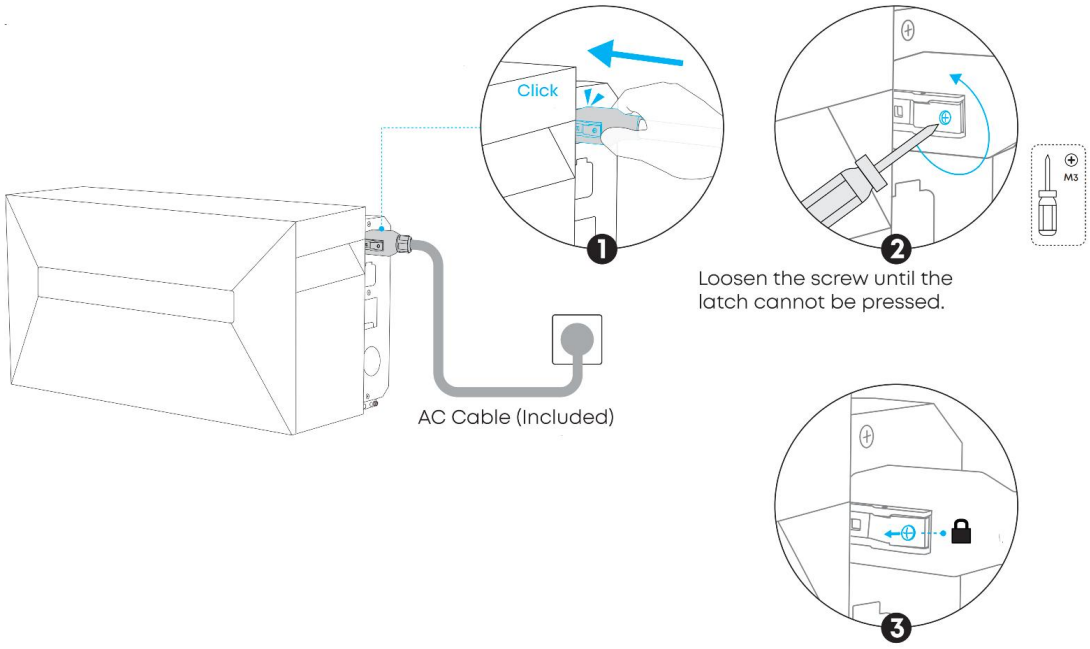


6. Electrical Connections

- To avoid electric shock, connect Solarbank to the ground. See the online guide for instructions.
- Seal all unused ports with waterproof caps.

① Connect to the Grid

Option 1: Via Wall Socket



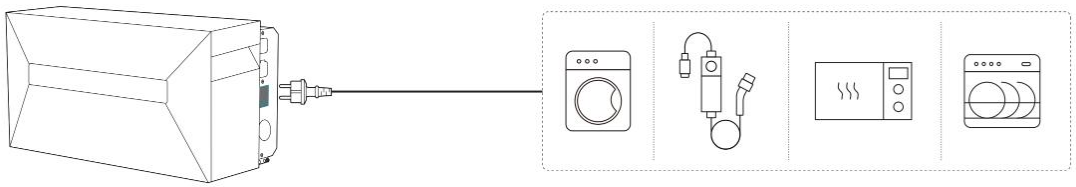
Option 2: Via Wieland Socket

Option 3: Via Main Panel

- Ensure the AC cable is firmly connected.
- To disconnect the AC cable, tighten the screw and press the latch.

② Connect to Your Home Load

Power your home load directly using the load port.



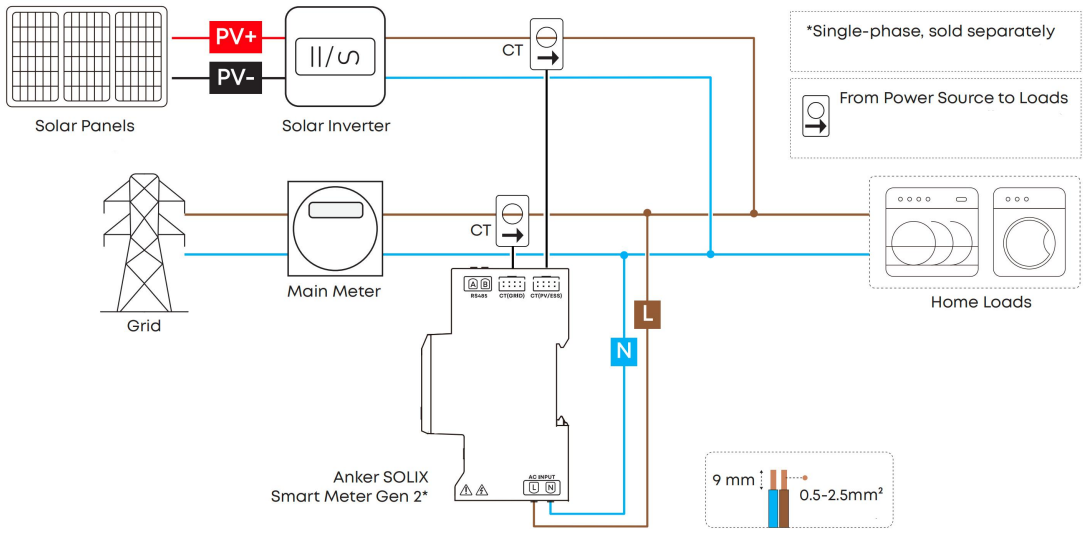
③ Install the Smart Meter (Optional)

Scan the QR code to read all the instructions.

- Wear insulated gloves and turn off the main breaker.
- Wiring must be performed by a licensed electrician.
- Wire colors may vary by country or region.

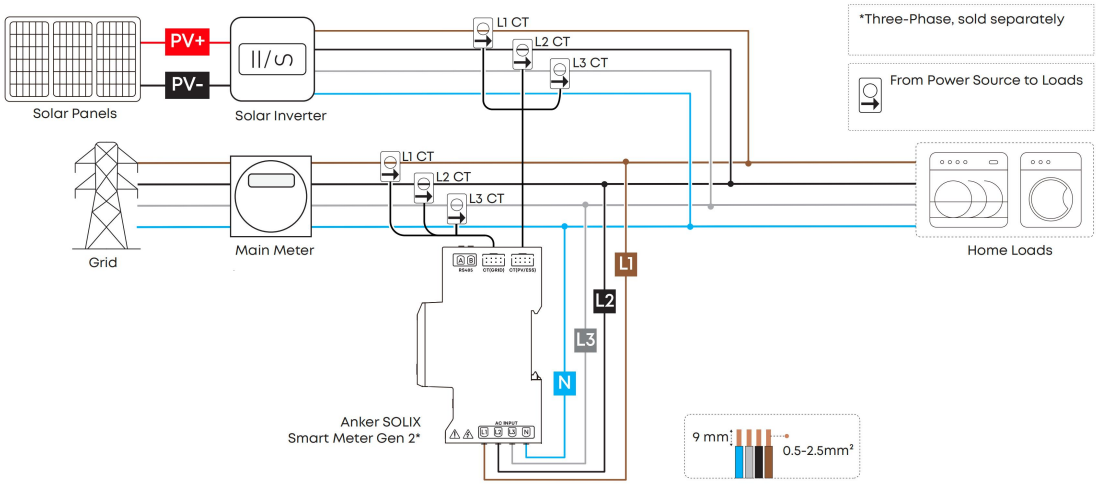
Single-Phase Connection

Connect power cables (L, N) from the smart meter to the main panel. Install CTs on the solar and grid cables.



Three-Phase Connection

Connect power cables (L1, L2, L3, N) from the smart meter to the main panel. Install CTs on the solar and grid cables.



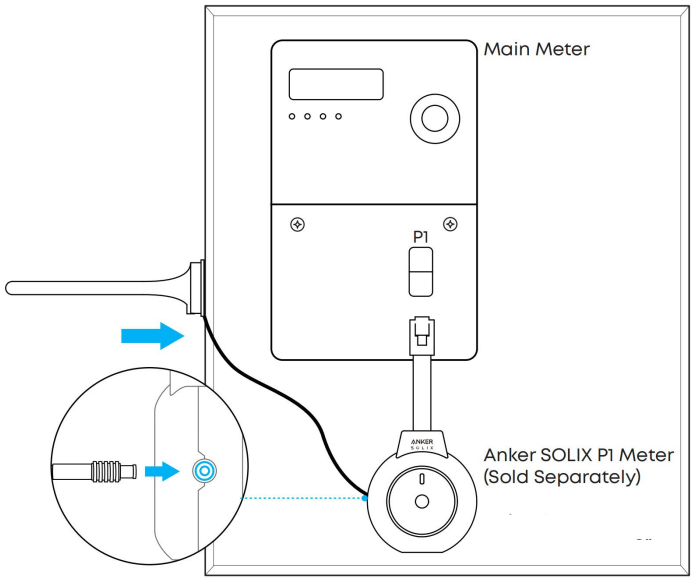
To connect Solarbank to the smart meter:

- **Wireless**: Add the smart meter during device setup in the Anker app.
- **Wired**: Refer to the online guide of Solarbank.

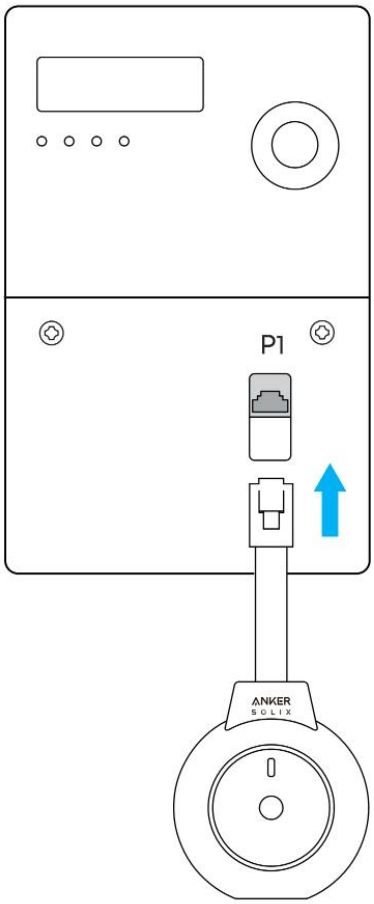
④ Install the P1 Meter (Optional)

1. Insert the antenna cable into the P1 meter. Route the antenna outside the main

panel.



2. Plug the P1 meter into the P1 port on the main meter.



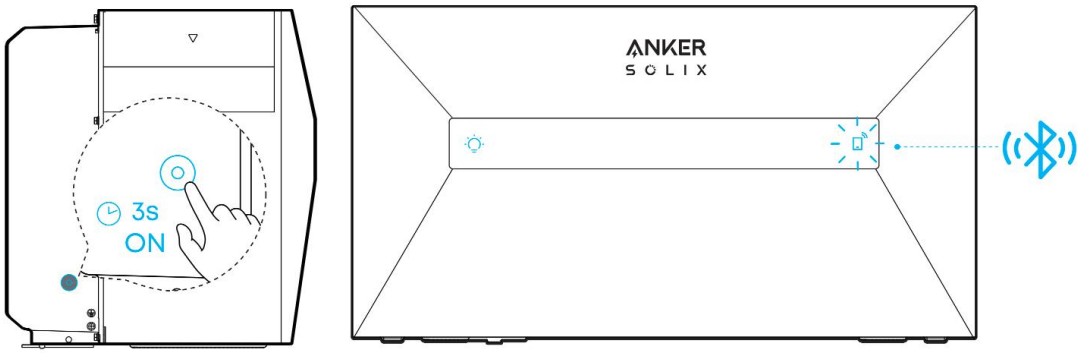
Scan the QR code to read all the instructions.

To connect Solarbank to the P1 meter wirelessly, add the P1 meter during device setup in the Anker app.

7. Device Setup

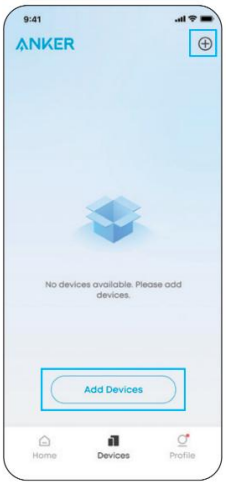
① Power On

Press the power button for 3 seconds until the display lights up. Solarbank will automatically enter networking mode. To turn off Solarbank, press the power button for 3 seconds.

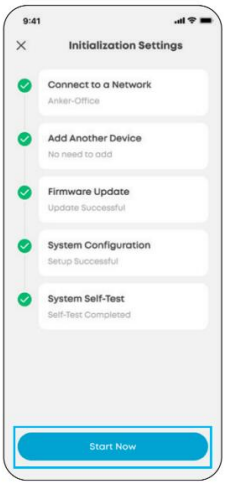


② Use the Anker App

Download and install the Anker app. Follow the in-app instructions to complete the setup.


9:41
ANKER
No devices available. Please add devices.
Add Devices
Home
Devices
Profile


9:41
Add Device
1 Device(s) Detected
Solarbank Max AC
Add Manually
Add Third-Party Devices


9:41
Initialization Settings
Connect to a Network
Anker-Office
Add Another Device
No need to add
Firmware Update
Update Successful
System Configuration
Setup Successful
System Self-Test
Self-Test Completed
Start Now