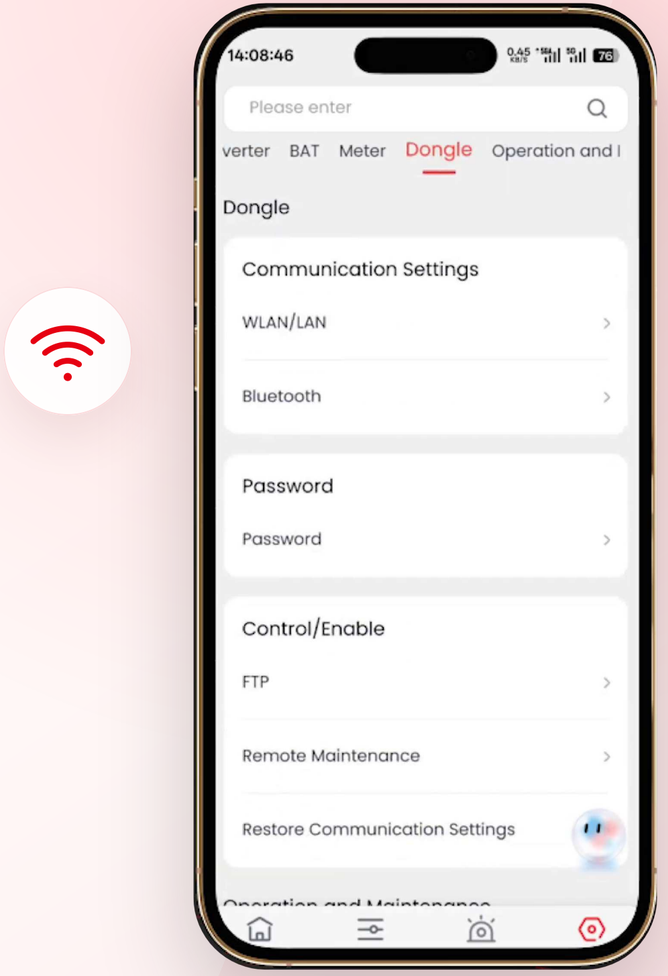
SEMS+ 101 Tutorial

WiFi Configuration

Connect a new or existing device to the local network.

New or existing device

Connect to WLAN



STEP 1

Choose your starting point

The two paths use different screens. Follow only the path that matches your device.

CHOOSE ONE COMPLETE PATH

NEW DEVICE

A

Stay in Quick Configuration

Use this immediately after adding a device. Continue until the guided setup is complete.

Add Device → Quick Configuration → WLAN + Next

— OR —

EXISTING DEVICE

B

Find the device with Local Access

Search for the installed device first. Login comes only after you select it.

Local Access → Find Device → WLAN/LAN

USING A LAN CABLE? A WiFi/LAN module can connect through a LAN cable without WiFi configuration. Follow these paths only when connecting through WiFi.

STEP 2 · NEW DEVICE

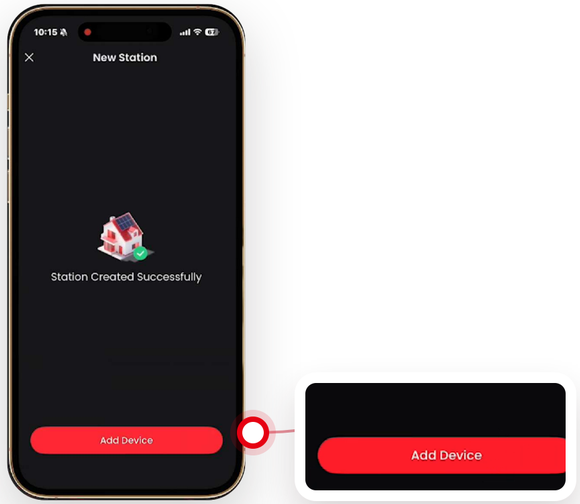
Open Quick Configuration

After Add Device, open the guided setup for the newly added device.

START THE NEW DEVICE PATH

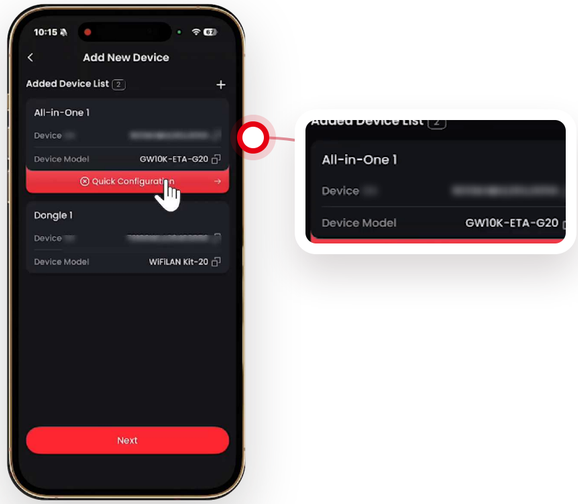
01 Tap Add Device

Add the inverter or communication device to the station.



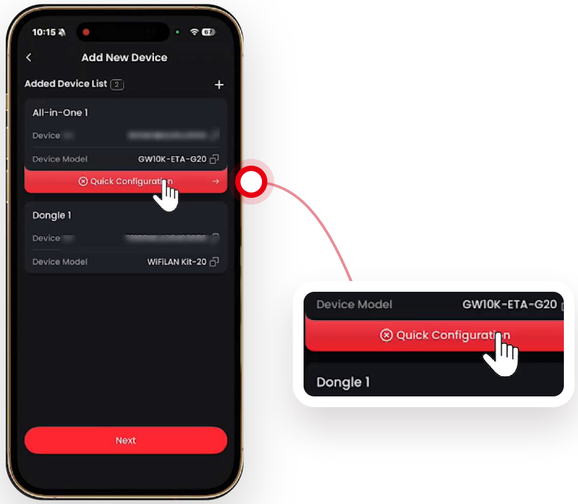
02 Confirm the device

Check the model before continuing.



03 Tap Quick Configuration

Remain in this guide through the WLAN and final Next steps.



STEP 3 · NEW DEVICE

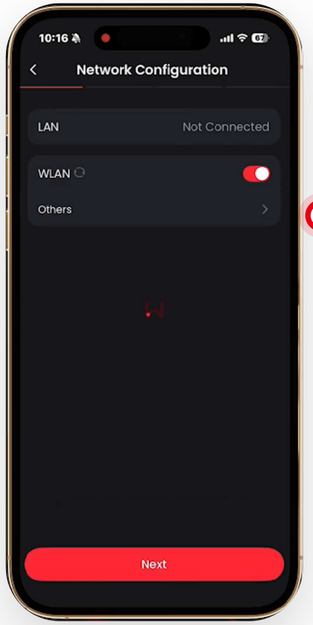
Finish Quick Configuration

Connecting to WLAN is part of the guide—not the end of the guide.

COMPLETE THE NEW DEVICE PATH

01 Select WLAN

Turn on WLAN and choose the router network.



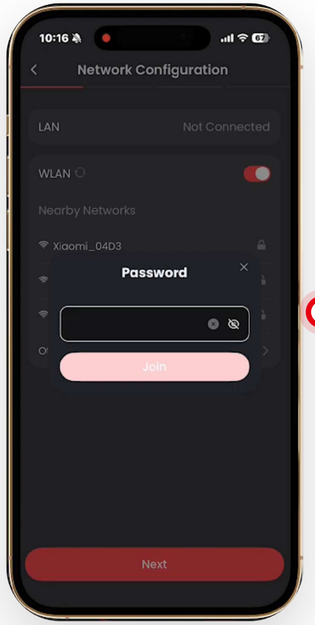
SELECT THE ROUTER

WLAN

Choose the network the device should use.

02 Enter password, then continue

Tap Join, wait for the connection, then keep tapping Next.



AFTER JOIN

Tap Next

Finish the remaining Quick Configuration screens until completion is confirmed.

DO NOT LEAVE THE GUIDE EARLY

After the WLAN joins successfully, tap **Next** and complete the remaining guided checks.

STEP 2 · EXISTING DEVICE

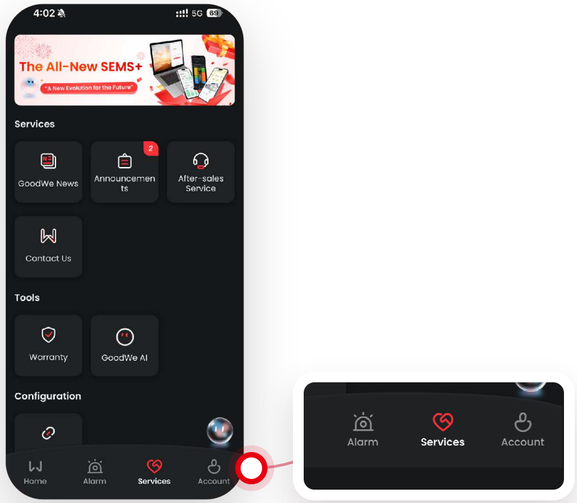
Open Local Access

Use this route only for a device that is already installed.

START THE EXISTING DEVICE PATH

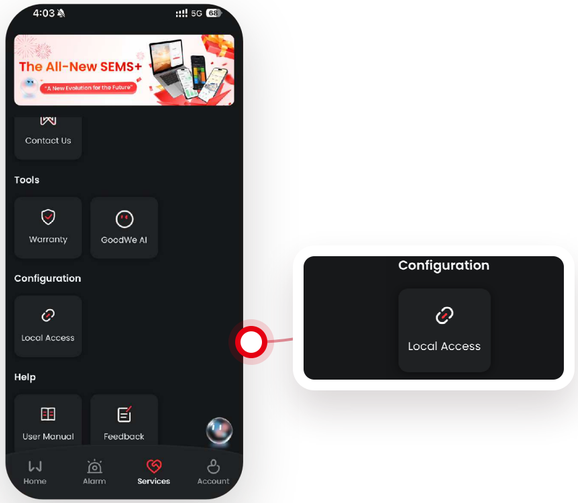
01 Open Services

Tap **Services** in the bottom navigation.



02 Tap Local Access

Find it under **Configuration**.



IF NO DEVICE APPEARS Double-click the communication-module button to reactivate Bluetooth, then search again.

STEP 3 · EXISTING DEVICE

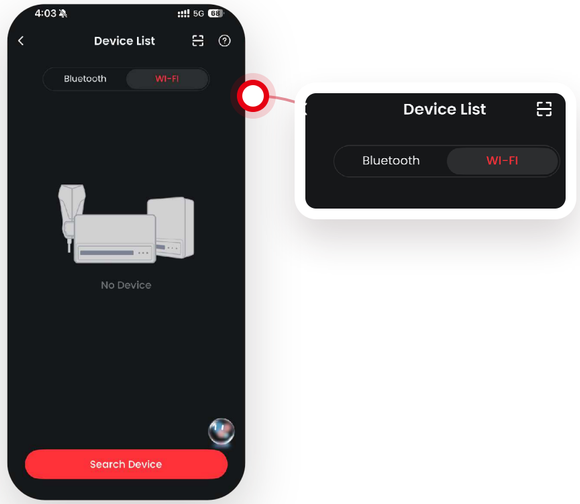
Find and select the device

Choose a connection method, search, and tap the correct device before login.

CONNECT BEFORE LOGIN

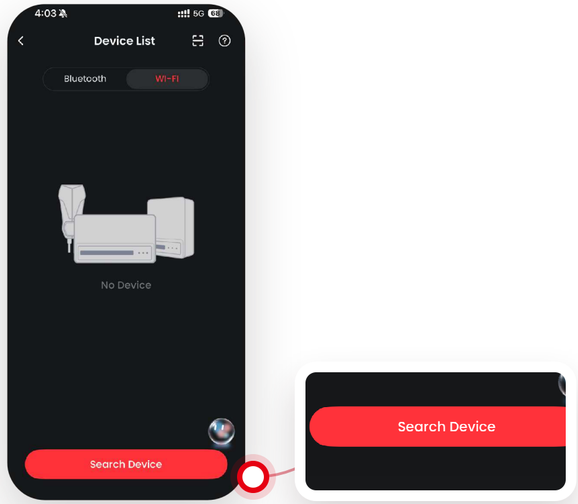
01 Choose Bluetooth or Wi-Fi

Select the connection supported by the device and phone.



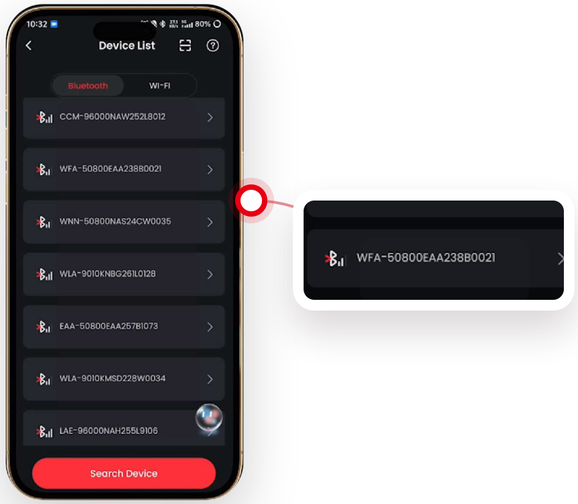
02 Tap Search Device

Wait for nearby compatible devices to appear.



03 Select the matching device

Use the signal name or serial number. This opens the local login.



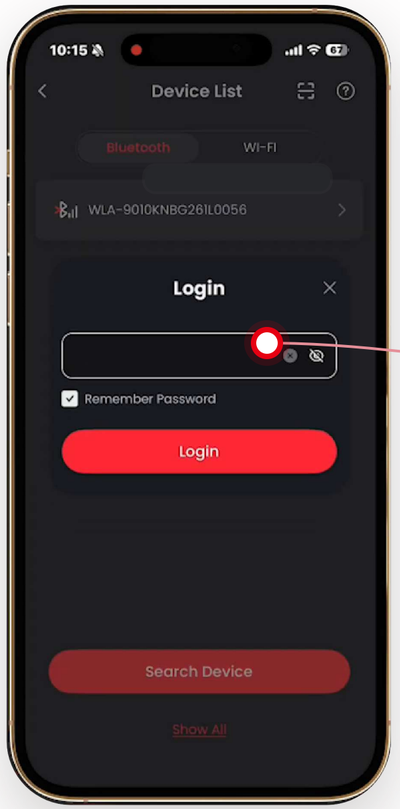
IF PROMPTED When connecting by Bluetooth, enable **Bluetooth Stays On** so the Bluetooth signal remains available after connection.

IF PROMPTED · EXISTING DEVICE

Complete local authentication

Local Access may request a device password after you select the target device.

AUTHENTICATE ONLY WHEN REQUESTED



01 Confirm the selected device

Check the signal name or serial number before authenticating.

02 First local login

Enter **1234**, then create a new local password.

03 Later local access

Use the new local password for future access.

NOT ALWAYS A NEW STEP If the device does not request authentication, continue directly to the Dongle settings. Quick Configuration handles the new-device setup inside its own guide.

STEP 5 · EXISTING DEVICE

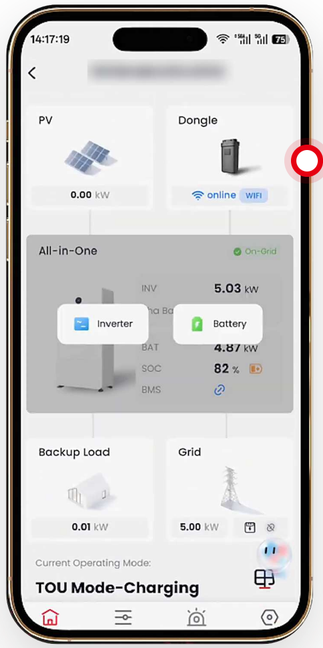
Open WLAN/LAN settings

After login, open the installed communication module and its network settings.

CONTINUE AFTER LOGIN

01 Tap Dongle

Open the communication module from the device overview.



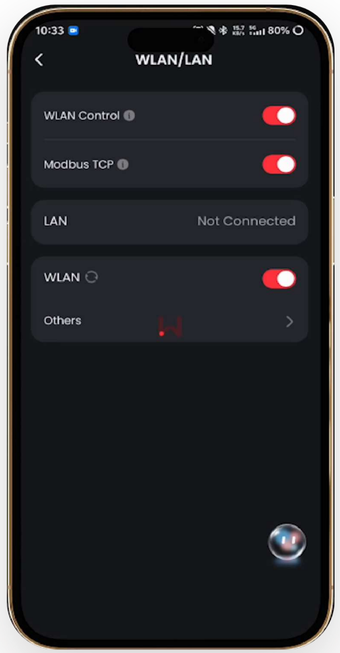
DEVICE OVERVIEW

Dongle

Tap the communication module card.

02 Open Settings → WLAN/LAN

Use the Settings tab and select **WLAN/LAN**.



DESTINATION

WLAN/LAN

This is the existing-device network screen.

NEXT Turn on WLAN, select the router network, and enter its password.

STEP 6 · EXISTING DEVICE

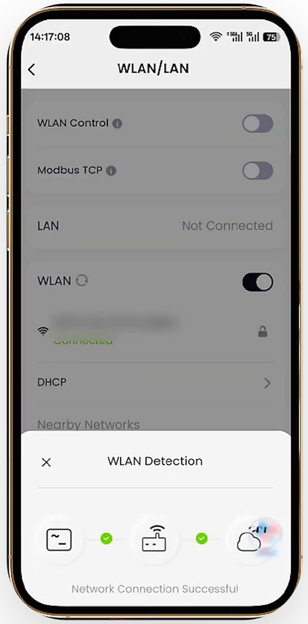
Connect the device to WLAN

Select the router in WLAN/LAN and confirm that the connection succeeds.

COMPLETE THE EXISTING DEVICE PATH

01 Select the router network

Turn on WLAN, choose the network, and enter its password.

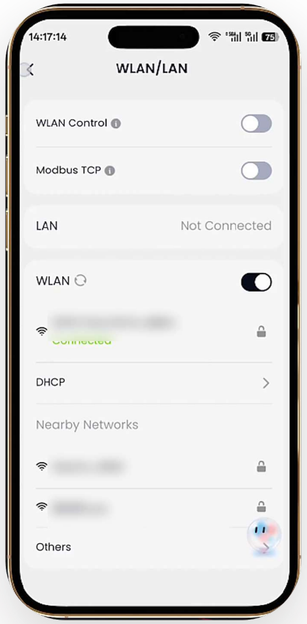


NETWORK CONNECTION SUCCESSFUL

— THEN —

02 Confirm Connected

The selected network must show **Connected**.



CONNECTED

IF CONNECTION FAILS Use a **2.4 GHz** WiFi network, check the router password and signal strength, then select the network again.

ALTERNATIVE STEPS

Turn on WLAN Control

Choose one entry method. Both methods change the same setting.

CHOOSE ONE ENTRY METHOD

METHOD 1

Quick Configuration

Open App → Quick Configuration → Privacy Security → WLAN Control = ON → Next

NEXT SCREEN

Privacy Security

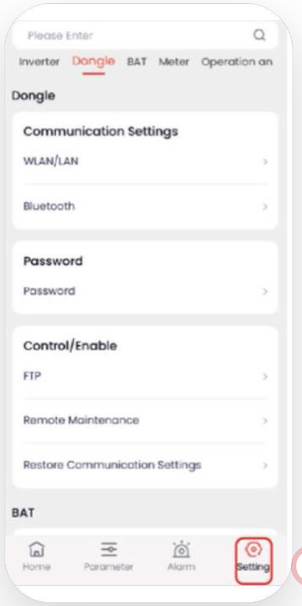
Set **WLAN Control = ON**, then tap **Next**.

OR

METHOD 2

Settings

Open App → Settings (bottom right) → Configuration page → WLAN Control = ON



CONFIGURATION PAGE

WLAN Control

Open **Settings** and set the switch to **ON**.

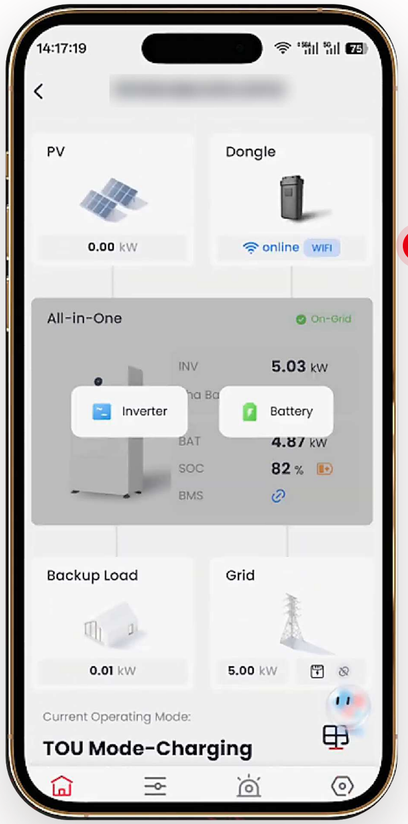
ONE SETTING, TWO ENTRIES Complete only the method available in your current interface.

FINAL CHECK · BOTH PATHS

Verify the device is online

Both paths finish with the same result: the communication module is online through WiFi.

CHECK BEFORE YOU LEAVE



01 Dongle shows online

Confirm that the communication device reports **online** through WiFi.

02 New device: guide is finished

Confirm that you completed Quick Configuration, not only the password screen.

03 Existing device: WLAN is saved

Confirm WLAN/LAN shows the selected network as Connected.

FINAL HARDWARE CHECK

For a Wi-Fi/LAN module, confirm that the **COM indicator remains solid blue**.

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Thank You

WiFi configuration is complete.