FusionSolar Access Guide
(Applies to New PV Plants with LUNA2000)

This document is intended for installers and provides guidance for connecting PV plants with LUNA2000 Smart String Energy Storage Systems to the management system.

Document Validity: Before the launch time of the official version

- Please download the FusionSolar APP of the latest version (the blue icon) according to the following guide and modify the domain name to **intlobt.fusionsolar.huawei.com** on the login page. Then you can use the original username and password instead of re-registration to login and finish local commissioning & plant registration.

- After 30th April, all your plant data will be transferred to original server. In this case, you can login to the original domain name (**intl.fusionsolar.huawei.com**) and manage all PV plants in one system. We will notify you of the specific migration time in a system bulletin.

1 Downloading and Installing the FusionSolar App

Click the following link or scan the QR code on the right to download and install the FusionSolar app.

https://intlobt.fusionsolar.huawei.com/fusionsolarapp

> **Note:**
> - After the launch time of the official version, download and install the FusionSolar app by referring to the *FusionSolar App Quick Guide*.
> - The FusionSolar app icon of the new version is blue.

FusionSolar

If you use the FusionSolar app for the first time, you need to set the domain name of the management system (**intlobt.fusionsolar.huawei.com**).

Enter the domain of the management system: **intlobt.fusionsolar.huawei.com**
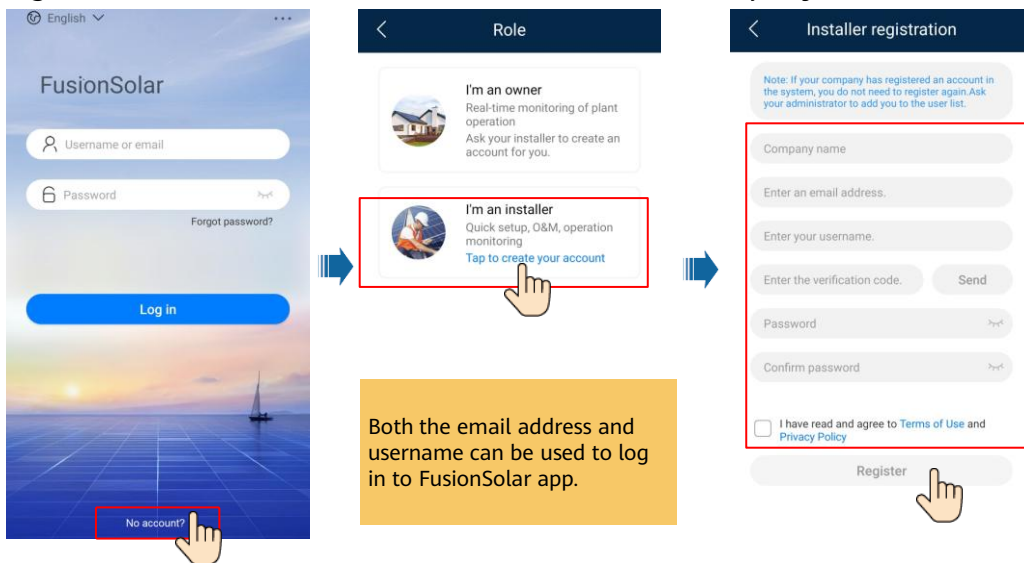
2 Installing and Powering On Devices

For details, see the quick guide of the corresponding device.

3 Register an Installer Account (Optional, for Installers Without an Account)

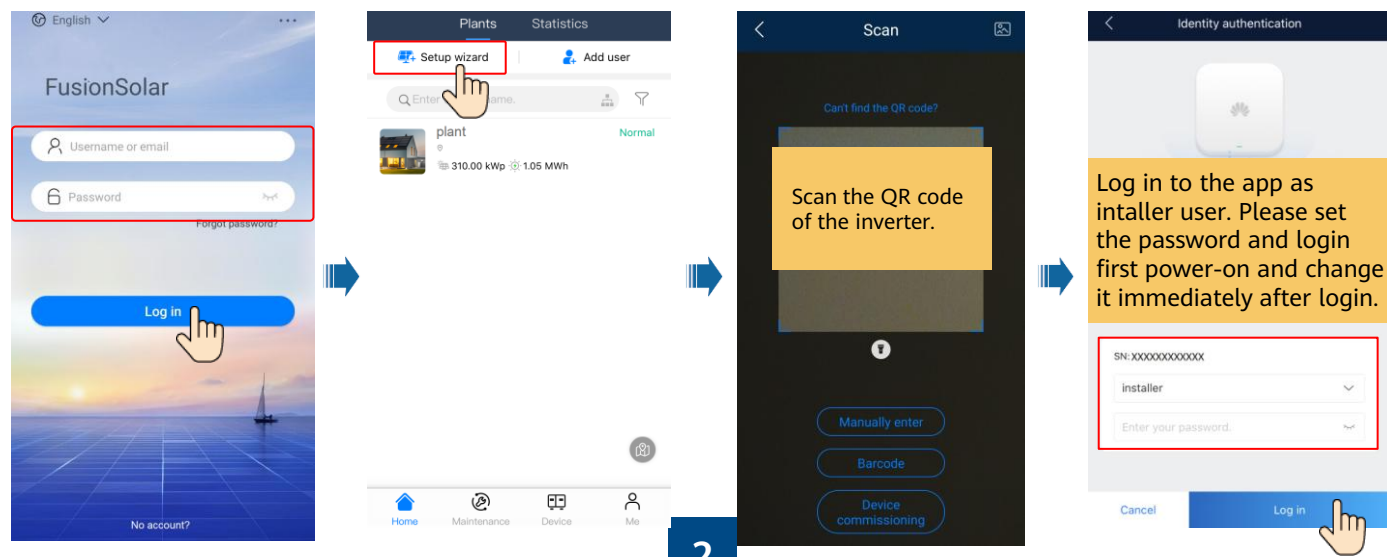- Register the first installer account and create a company account.

Both the email address and username can be used to log in to FusionSolar app.

- To create multiple installer accounts for the same company, log in to the FusionSolar app and tap **New User**.
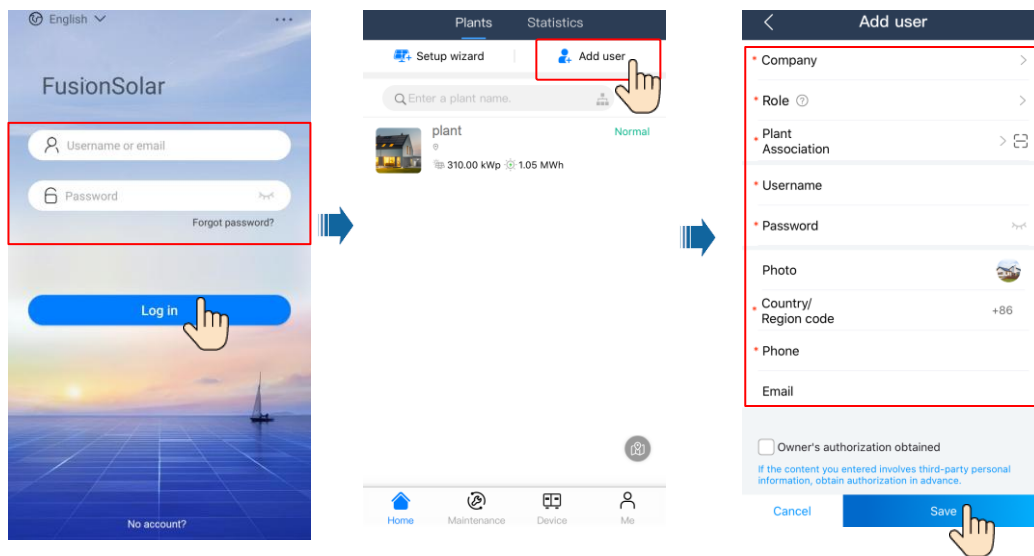
4 Log in and Start Setup Wizard

Local commissioning using the built-in WLAN of the inverter

Scan the QR code of the inverter.

Log in to the app as intaller user. Please set the password and login first power-on and change it immediately after login.

After the login is successful, the system prompts you to upgrade the inverter. Upgrade the inverter as prompted and log in to the inverter again.

If a message is displayed indicating that the battery version needs to be upgraded, perform the following operations:

Tips

Battery software version outdated. Do you want to upgrade the system?

Exit | Update

Version comparison

Current version: FunsionSolarDGVXXXRXXXCXXSPCXXX

Target version: FunsionSolarDGVXXXRXXXCXXSPCXXX

✓ Able to upgradable

Exit | Upgrade

Tips

Loading complete. The upgrade may take 30 minutes. Do you want to upgrade now? If you do not select Upgrade now, the device will automatically complete the upgrade in idle time.

If you do not choose, the system will choose to upgrade later in 30s.

Upgrade now | Upgrade del

Upgrade delay is recommended.

At the first login, the **Quick settings** screen is displayed by default.
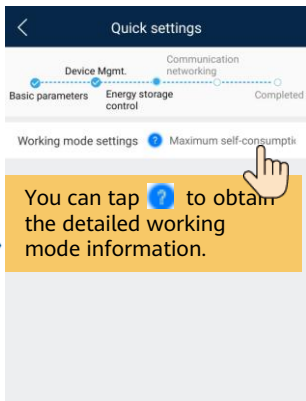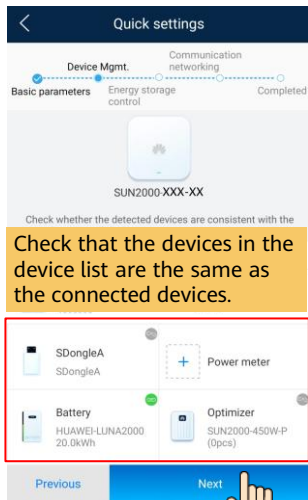
Set the local grid code of the region.

If **Sync phone time** is enabled, the time and time zone of the inverter are synchronized with those of the mobile phone.

In a non-cascading scenario, the step of **Searching for cascaded inverters** is not involved.

WLAN communication

Check that the devices in the device list are the same as the connected devices.
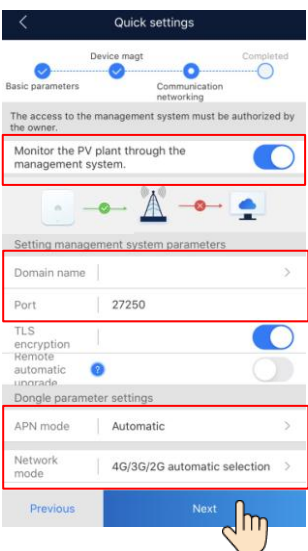
You can tap ? to obtain the detailed working mode information.

Enabled **Monitor the PV plant through the management system**.

Set the **Domain name** to **intlobt.fusionsolar.huawei.com** and **Port** number to **27250**.

Select a router that can connect to the Internet and enter the router password.
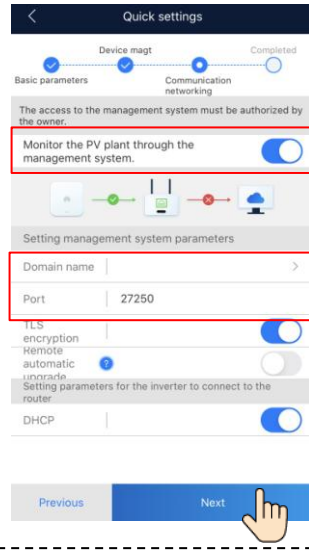

Set network parameters and domain name.

4G communication

Enabled **Monitor the PV plant through the management system**.

Set the **Domain name** to **intlobt.fusionsolar.huawei.com** and **Port** number to **27250**.

By default, **APN mode** is set to **Automatic**. When this mode cannot be used to access the Internet, set the parameter to **Manual**. In this case, set the parameters related to the SIM card based on the information obtained from the carrier.
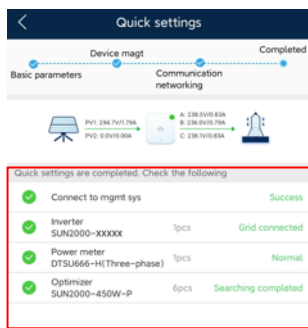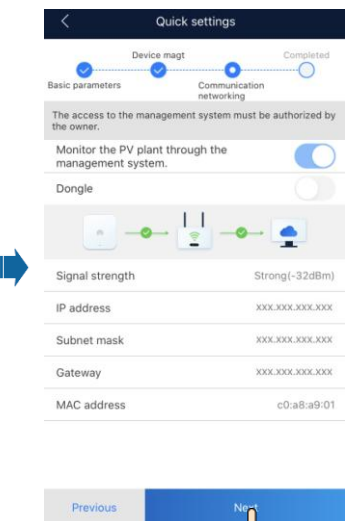
FE communication

Enabled **Monitor the PV plant through the management system**.

Set the **Domain name** to **intlobt.fusionsolar.huawei.com** and **Port** number to **27250**.

If **Ethernet** is disabled, the network cable is not connected. Reconnect the network cable.

Ensure that the devices are consistent with the actual connected devices.

Connect your mobile phone to the Internet.

Create Site	
Add plant	>
Connect to existing plant	>
Later	

Add plant

① Basic Info ② Add devices

* Country/Region — Country/Region >
* Company — Company >
* Plant name
* Total string capacity(kWp)
* Grid connection date — 02/21/2021 >
* Plant address — Enter or locate ⌖
* Plant time zone — (UTC+08:00)Beijing
  Owner — Owner name
  Contact method — Phone/Email
  ☐ Owner's authorization obtained

If the content you entered involves third-party personal information, obtain authorization in advance.

Next

Add plant

① Basic Info ② Add devices

Device SN — Scan the device SN.

Added devices

Device SN — 2102312DHH10L1000093 🗑
Device type — Smart Dongle
Device model — SDongleA-03
Connected devices >

Previous | **Submit**

Plants	Statistics
Setup wizard	Add user

Q Enter a plant name.

plant — Normal
310.00 kWp ☀ 1.05 MWh

🏠 Home | Maintenance | Device | Me

Add user

* Company — >
* Role ⓘ — >
* Plant Association — > ⊟
* Username
* Password
  Photo — 🖼
* Country/Region code — +86
* Phone
  Email

☐ Owner's authorization obtained

If the content you entered involves third-party personal information, obtain authorization in advance.

Cancel | **Save**

5 Checking the Device Status

- Checking the Device Status Using Device Commissioning

🌐 English ∨ ···

FusionSolar

👤 Username or email
🔒 Password
Forgot password?

Log in

No account?

Plants	Statistics
Setup wizard	Add user

Q Enter a plant name.

plant — Normal
310.00 kWp ☀ 1.05 MWh

🏠 Home | Maintenance | Device | Me

demo

🔔 Message center >
⋮⋮⋮ Device commissioning >
📲 Plant management >
👤 User management >
🏢 Company info >
⚙ Settings >

🏠 Home | Maintenance | Device | Me

5

Note: If the mobile phone connected to the Internet, tap the screen does not display **Device commissioning**.

Check the device status using device commissioning.

Connect to the inverter WLAN.

Log in as **installer**.
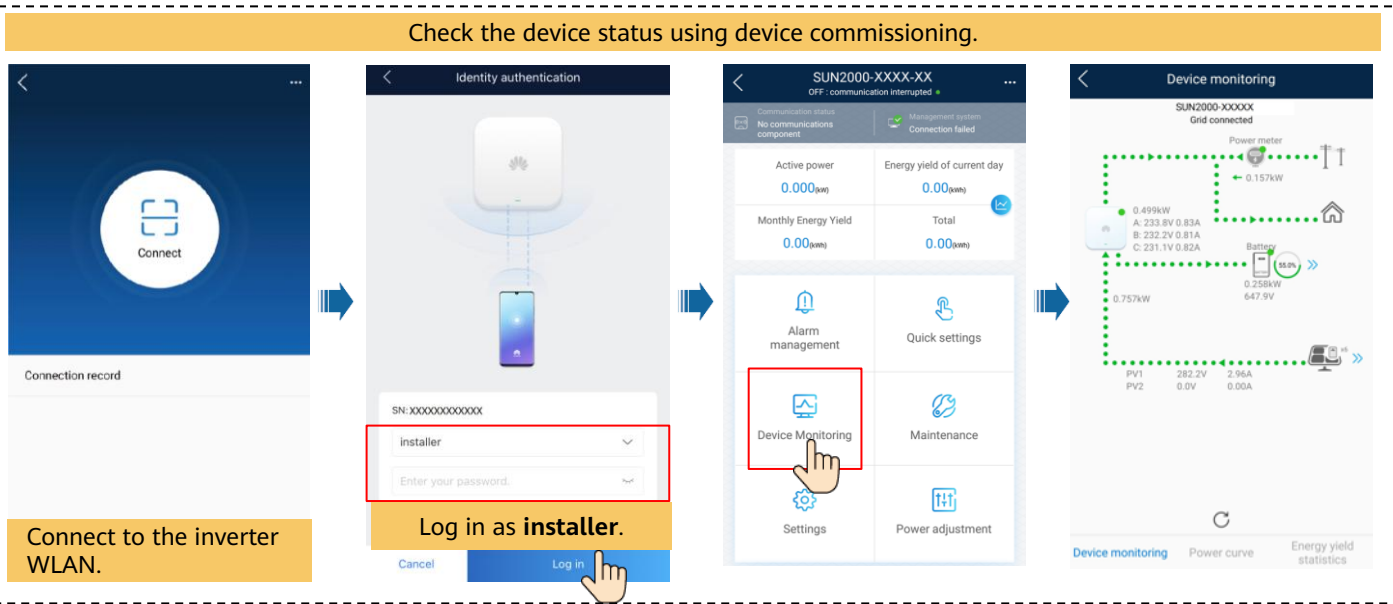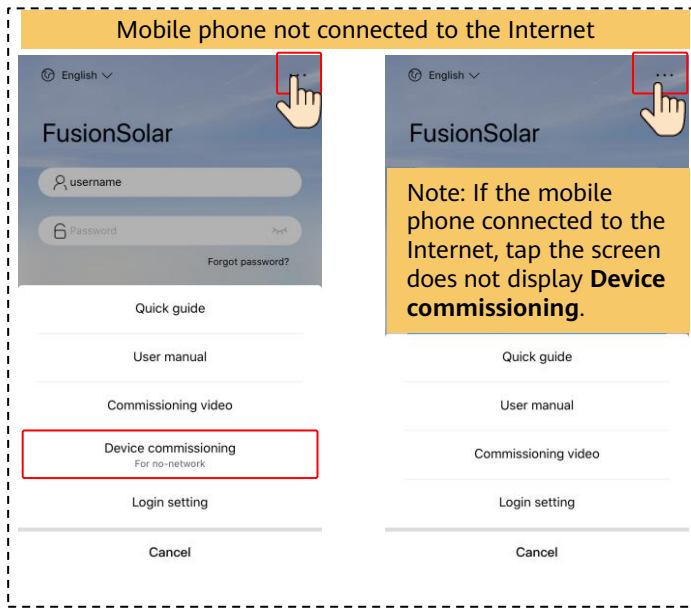
- Checking the Device Status Remotely.

Connect your mobile phone to the Internet.