RF Gateway Quick User Guide

DLS Version: 1.0
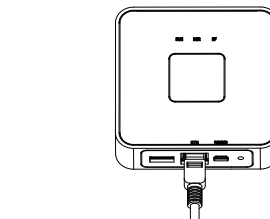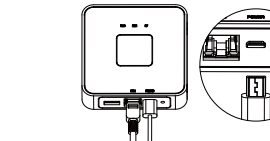
Delivery Content
- 1 PC RF Gateway
- 1 PC RF Internet cable
- 1 PC RF Power cable
- 1 PC RF Gateway Quick User Guide

1 RF Gateway Installation

Install Cable and Connect to Router.(Please make sure router has normal networking ability and DHCP is enabled.)

Connect to Power Supply.
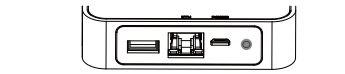
Do not insert power interface reversed.

2 Usage Methods and Notices for Reset Button

Usage methods and key-press descriptions for reset button

Key-press	Status Description	Light Status
Long press 5s	Rebooting the stick logger	SER light will flash after 5s, then release.
Long press 10s	Resetting the stick logger	SER light will flash after 5s, RF light will flash 5s later, then release.(Non-professional personnel do not operate. If you operated incorrectly, please contact customer service for help.)

3 RF Gateway Status

Lights	Implication	Status Description
● RUN	System Running Status	FLASH: Normal Running ON/OFF: Abnormal
● COM	Communication status with inverter	ON: Connected OFF: Fail to connect
● RF	Communication status with sub-device	ON: Connected to RF sub-device OFF: Fail to connect

Normal operation:
1. Power on 3s, RUN/SER/RF light will flash at the same time and extinguish.
2. Around 6s, RUN light will flash, and system runs normally.
3. Around 30s, SER light will keep on, and RF gateway has conneted to server.
4. Around 10s-3mins, RF light will keep on, and RF gateway has connected to RF sub-device. (Connection time varies according to different situation.)

4 Abnormal State Processing

If the data on platform is abnormal when the RF Gateway is running, please check the table below and according to the status of indicator lights to complete a simple troubleshooting. If it still can not be resolved or indicator lights status do not show in the table below, please contact Customer Support. (Note: Please using the following table query after power-on for 3min at least.)

Lights		
● RUN(ON/OFF)	● COM(OFF)	● RF(ON)
Fault Fault Cause Description		
System runs abnormally		
Fault Cause		
1.Program runs abnormally.		
Solution		
1. Long press the key, and release when SER light flashes. 2. Power on again.		

Lights		
● RUN(Flash)	● COM(OFF)	● RF(ON)
Fault Fault Cause Description		
Commicicate with inverter abnormal		
Fault Cause		
1. Connection between RF gateway and router loosen. 2. IP address is not obtained. 3. Router has no networking.		
Solution		
1. Check the connection between RF Gateway and router. 2. Check the router settings. 3. Check if the router has access to the network.		

Lights		
● RUN(Flash)	● COM(ON)	● RF(OFF)
Fault Fault Cause Description		
Communicate with RF sub-device abnormal		
Fault Cause		
1. RF sub-device matching error. 2. RF sub-device has no power. 3. Distance between RF gateway and RF sub-device or number of through-walls too much.		
Solution		
1. Contact customer service. 2. Check if RF sub-device is powered on. 3. Change RF gateway installation site.		

5 If router requires static IP access, please follow the steps here

Connect RF gateway and computer via cable.
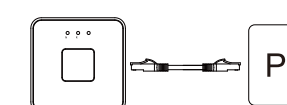
Enter RF gateway WEB page.

Open a browser and enter 169.254.173.207.
Name: admin; Password: SN of RF gateway.

169.254.173.207

Name admin
Password ●●●●●●●●●●●
OK   Cancel !

Set IP address for RF gateway.

Click Fast Networking and go to IP address setup page, then set router according to related parameters.
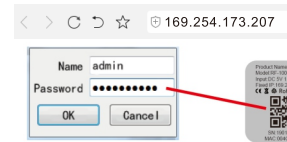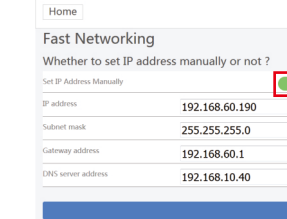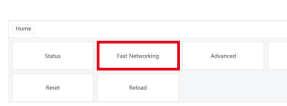
If indicator lights run normally after the installaiton, users can go to download the APP directly.

Home

Fast Networking
Whether to set IP address manually or not ?

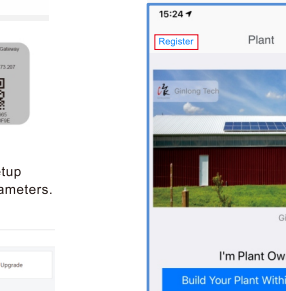|	
IP Address Manually	
IP address	192.168.60.190
Subnet mask	255.255.255.0
Gateway address	192.168.60.1
DNS server address	192.168.10.40

6 Create Solis monitoring account
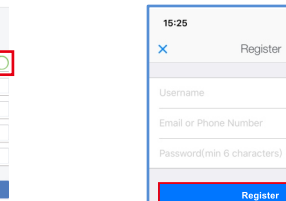
Step 1：Mobile phone scan the QR code to download the APP, or in the APP Store or Google Play search Solis Home or Solis Pro.

Solis Home
For End User

Solis Pro
For Distributor/Installer
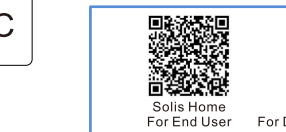
Step 2: Click on the "Register".

Register   Plant   Login

I'm Plant Owner
Build Your Plant Within 1 Minute!

Step 3: Fill in the form as required and click the "Register".
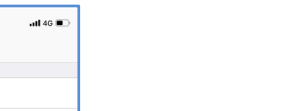
× Register

Register

7 Create plant

Step 1：In the APP homepage and click "Build Your Plant Within 1 Minute!" in the middle of the screen. Or click the "+" in the upper right corner.

Plant   Daily   Max Generation +

I'm Plant Owner
Build Your Plant Within 1 Minute!

Step 2: Enter the SN of the Gateway.
The Gateway SN can be automatically scanned by placing the purchased device bar code in the scan box. If you can't scan, you can also manually enter the Gateway SN (just enter the digital serial number).
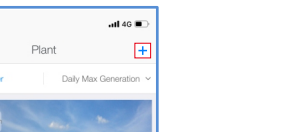
Add Device
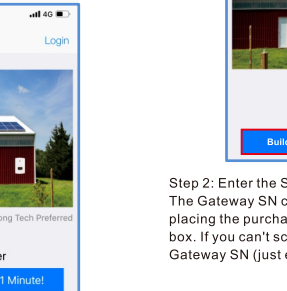
Note: Please scan the SN number on the Gateway, not the SN number on the inverter.

Step 3: Enter the plant information. Then click the "Next".

Confirm Plant Info   Next

Plant Location
Longitude   121°54′63″
Latitude   28°12′68″

Plant Address

Plant Name

Plant Type
New Built   Industrial   Commercial   Utility

Grid Type
Fully On-grid   Distributed All Power on Grid

Storage System

Capacity(KWp)

Currency   CNY

Step 4: Enter the plant name and contact information of the plant owner. Then click the "Done".

Back   Enter the plant name   Done

Plant Name

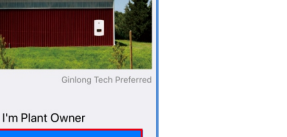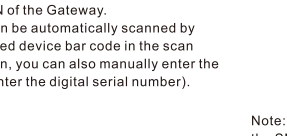Phone Number(Easy to contact you)

8 Distributor/Installer create plant

In order to easy registration and easy manage, you can also let the distributor/installer register the plant, then Link it to you.
Click the [#] and tell the "ID" to your Distributor/installer to build the plant for you.
(Note: your Distributor/Installer must have a Solis Pro account)

15:24

Me
Solis
ID: 246617

⚙ Settings
ⓘ About Ginlong Home

9 Link distributor/installer

Step 1: In order to easy manage to your plant. Select the plant and enter Intro. Click the "Installer" or "Distributor".

Solis

Plant basic information
Plant Name
Telephone
Plant Address   Jintong New Energy Technol...
Timezone   UTC+08:00)
Building Time   2019-02-27 15:49:05

Plant Info
Creator   Solis
Installer   Disconnected Installer
Distributor   Disconnected Distributor

Step 2: Enter the company name of the installer or distributor. Then click the "Search".

Q W E R T Y U I O P
A S D F G H J K L
⇧ Z X C V B N M ⌫
123   space   Search

Step 3: Click the [Bind Distributor/Installer] and the plant will appear in your installer/distributor monitoring interface.
(Note: your installer/distributor must have a Solis Pro account to appear in the search list)

Distributor Description

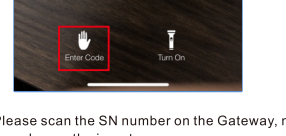Company Name
Company Name
Company Type   Distributor

Bind Distributor

Contact

If you have any technical questions about our products, please contact us. Before contacting us, please confirm the following items:
- Equipment model
- Serial number of the Gateway
- Problem description
- Screenshot of the Status page in the configuration interface

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