



RF Gateway Quick User Guide

DLS Version: 1.0

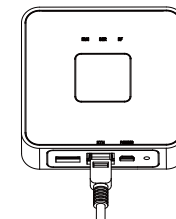


Delivery Content

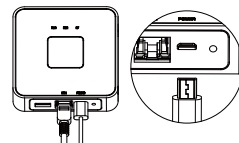
- 1 PC RF Gateway
- 1 PC RF Internet cable
- 1 PC RF Power cable
- 1 PC RF Gateway Quick User Guide

1 RF Gateway Installation

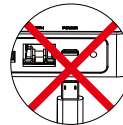
Install Cable and Connect to Router.(Please make sure router has normal networking ability and DHCP is enabled.)



Connect to Power Supply.



Do not insert power interface reversed.

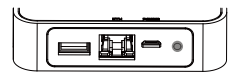


NOTES

1. Installation Requirements: Max. distance between RF gateway and RF sub-device without shelter is 200m. Through-wall Ability: 2 reinforced concrete walls (15cm) at max., total distance is less than 20m.
2. 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 RF Gateway	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 connected 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	Implication	Status Description
● RUN(Flash)	COM(OFF)	RF(ON)

Fault Cause Description

Communicate 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	Implication	Status Description
● RUN(OFF)	COM(OFF)	RF(OFF)

Fault Cause Description

Power supply abnormal

Fault Cause

1. Power connection loosen.
2. RF Gateway abnormal

Solution

1. Check power connection and insert again.
2. Contact customer service.

Lights	Implication	Status Description
● RUN(Flash)	COM(ON)	RF(OFF)

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. Long 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.

Lights	Implication	Status Description
● RUN(ON/OFF)	COM(ON)	RF(ON)

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	Implication	Status Description
● RUN(OFF)	COM(OFF)	RF(OFF)

Fault Cause Description

Power supply abnormal

Fault Cause

1. Power connection loosen.
2. RF Gateway abnormal

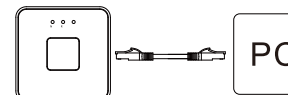
Solution

1. Check power connection and insert again.
2. Contact customer service.

If indicator lights run normally after the installation, users can go to download the APP directly.

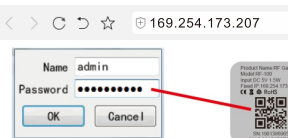
5 If router requires static IP access, please follow the steps here

Connect RF gateway and computer via cable.



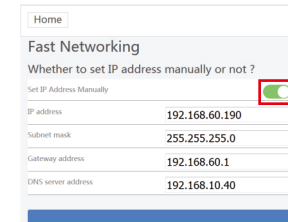
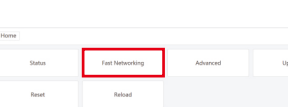
Enter RF gateway WEB page.

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



Set IP address for RF gateway.

Click Fast Networking and go to IP address setup page, then set router according to related parameters.

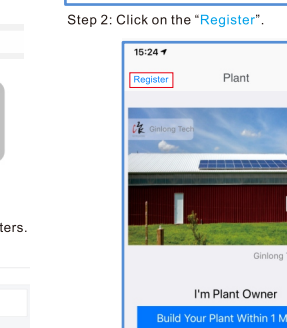


6 Create Solis monitoring account

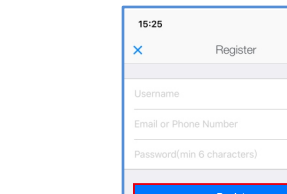
Step 1: Mobile phone scan the QR code to download the APP, or in the APP Store or Google Play search Solis Home or Solis Pro.



Step 2: Click on the "Register".

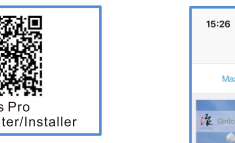


Step 3: Fill in the form as required and click the "Register".

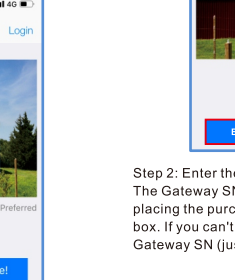


7 Create plant

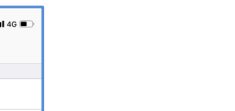
Step 1: In the APP homepage and click "Build Your Plant Within 1 Minute!" in the middle of the screen. Or click the "+" in the upper right corner.



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).

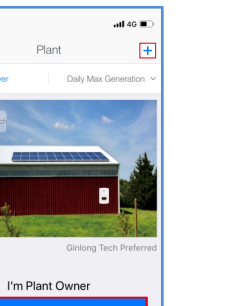


Note: Please scan the SN number on the Gateway, not the SN number on the inverter.

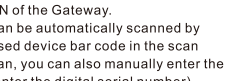


8 Distributor/Installer create plant

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 [ID] to your Distributor/installer to build the plant for you. (Note: your Distributor/installer must have a Solis Pro account)



Step 1: In order to easy manage, you can also let the distributor/installer register the plant, then Link it to you. Click the [ID] to your Distributor/installer to build the plant for you. (Note: your Distributor/installer must have a Solis Pro account)



Step 2: Enter the plant name and contact information of the plant owner. Then click the "Done".



9 Link distributor/installer

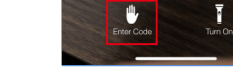
Step 1: In order to easy manage, you can also let the distributor/installer register the plant, then Link it to you. Click the "Search" or "distributor".



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



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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