

# SOLIS WI-FI DONGLE CONNECTION

Using a Mobile Phone



Ginlong Technologies Co., Ltd.

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**NOTE:** The following steps are for iPhone as well as Android. (Shown images are of an iPhone but the same steps can be followed on Android).

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### **CONNECTING SOLIS WI-FI DONGLE**

#### **STEP 1:**

- Make sure you have the details of your home Wi-Fi network (name and password).
- Make sure your Wi-Fi password does not contain any symbols or special characters like: < . , ! ? @ # \$ % " ' - \_ > etc.
- Your Wi-Fi router should operate on 2.4GHz frequency.
- Take your phone close to the inverter.

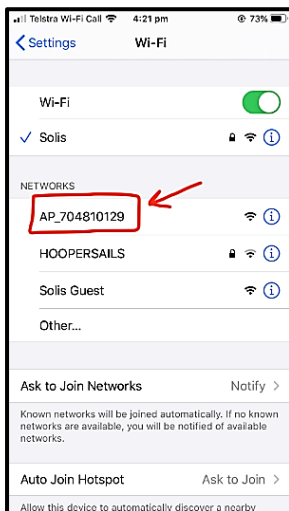
#### **STEP 2:**

- Turn **OFF** your Mobile Data.  
(iPhone: Go to Settings<Mobile<Mobile Data<Off)  
(Android: Go to Settings<Connections<Data Usage<Mobile Data<Off)

#### **STEP 3:**

- **Forget** your home Wi-Fi connection. (make sure you know the password before going forward with this step)  
(Go to Settings<Wi-Fi<Select your home Wi-Fi<Choose Forget)  
There will be two options available, disconnect or forget, make sure you select **FORGET** and **NOT** disconnect.

**STEP 4:** The Wi-Fi dongle will show up as a Wi-Fi network (AP\_XXXXXXXX) in your available network list, in the Wi-Fi settings.



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***NOTE:*** The number-XXXXXXXX will be same as the Serial Number of your Wi-Fi dongle. The number shown here is just an example, you will have a different number that will be same as your Wi-Fi dongle Serial Number (AP\_XXXXXXXX).

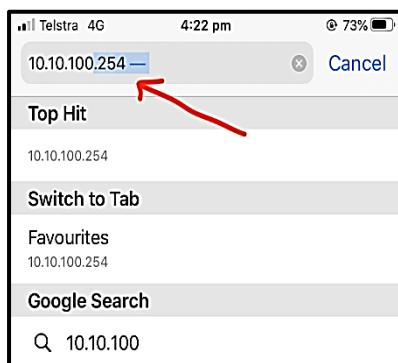
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**STEP 5:** Click and join the AP\_XXXXXXXX network.



**NOTE:** It will appear as “Unsecured Network” or “No Internet Access”. Click “ok” or “accept” if a message pops up.

**STEP 6:** Open Safari or Google Chrome Browser and type IP address **10.10.100.254** on the search bar. Then Press Go.

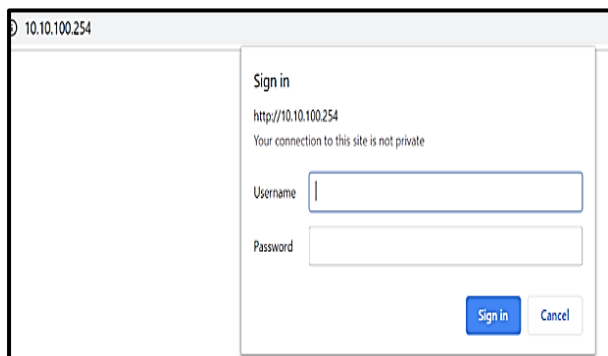


**STEP 7:** You should get a screen prompt asking for username and password.

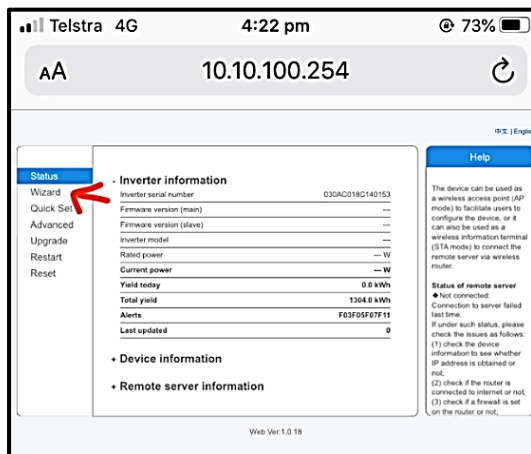
**Username:** **admin**

**Password:** **admin**

Then Press Sign in.



**STEP 8:** You will see a screen as shown below. From the top left corner, press WIZARD (second option).



**STEP 9:** You will see a table containing Wi-Fi names.

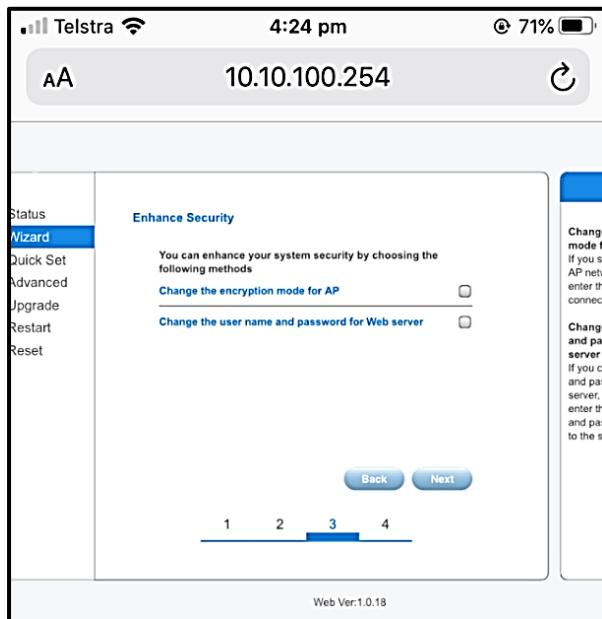
**Select your Wi-Fi name** and ensure that the RSSI (3<sup>rd</sup> column in the table) is more than 30%.

Click **Next** once you have selected your network.

**STEP 10:** Enter your home Wi-Fi's password. This password should be of your home Wi-Fi network you selected in the previous step. To verify, click Show Password as shown. You do not need to change anything else, apart from the password in this step. Then Click Next.



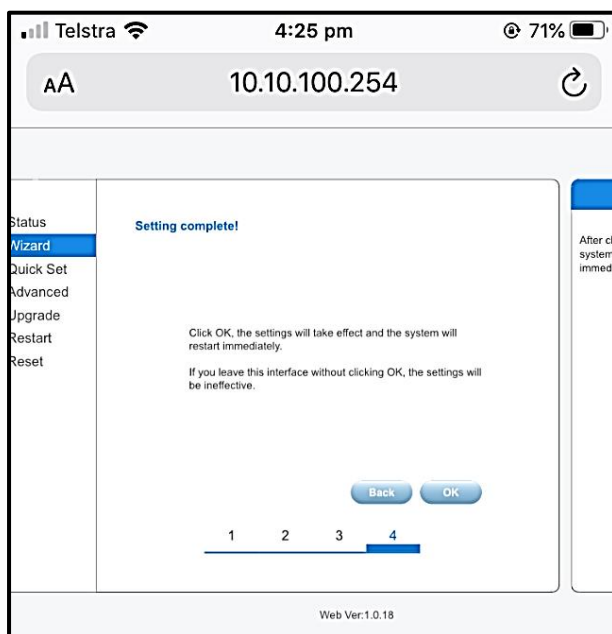
**STEP 11:** Once you have entered the password, you will see a ‘Enhance Security’ screen as shown below. You do not need to change anything here. Click Next.



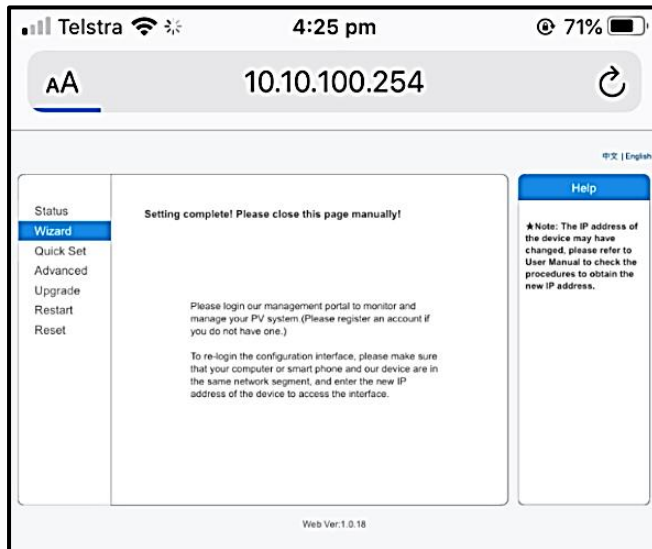
**STEP 12:** If all the steps done above are correct, you will be redirected to ‘Setting Complete’ page. Click Ok option.

(It is necessary to click OK since without that the whole process will be incomplete.)

After you have pressed OK, wait 10-20 seconds.



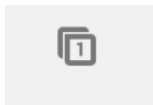
**STEP 13:** After 10-20 seconds, you should get a message “Settings complete! Please close this page manually!”



To close this page manually you will need to do the following:



Click on this symbol for iPhone and then click cross symbol.



Click on this symbol for Google Chrome and then click on cross symbol.

**STEP 14:** Open your Wi-Fi networks and Switch Off the Wi-Fi on your phone for 3-5 min.

**NOTE:** After 5 min:

- Turn ON the Wifi on your phone.
- Check if you are still connected to AP\_XXXXXXXXX or is AP\_XXXXXXXXX still visible.  
(Also, you should NOT be connected to your home network.)
- If you can see/connected to the AP\_XXXXXXXXX network, the setup was NOT done properly.
- Confirm your home Wi-Fi password and ensure that you are using 2.4 GHz internet.
- Repeat all the steps again.

**STEP 15:** Refer to ‘SOLIS Customer Monitoring Account Setup’ PDF shared with you to create an account on the web portal after completing all the steps. OR use Solis Home app to register an account and build a plant.

‘ALL DONE’

# SOLIS DONGLE RESET INSTRUCTION GUIDE



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**NOTE:** If you are unable to see the AP\_XXXXXXXXX in the Wi-Fi settings, we need to reset the dongle by exposing the inside circuitry and pressing the button for 45 seconds at the end of the antenna wire.

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### **STEPS FOR RESETTING THE DONGLE**

**STEP 1:** Disconnecting the dongle from the inverter.

#### **Unplugging the Wi-Fi Dongle**

- The dongle is a delicate device. Be GENTLE.
- Do **NOT** twist the silver body of the dongle.
- Gently unscrew the black cap at the top, clockwise.



**STEP 2:** Push the clips using a pen or screwdriver. Make sure NOT to pull apart the upper and lower case of the dongle, they are attached. Just separate it carefully



**STEP 3:** Now connect the upper part of the dongle back to the inverter as shown. (Important Step)





**STEP 4:** The circuitry has a small SMD button at the bottom of the antenna as shown.



**STEP 5:** Press the SMD button for 45 x seconds. The light will switch OFF and back ON.



**STEP 6:** Check your Wi-Fi connection list. If AP\_XXXXXXXXX is not visible, repeat the process 1-2 times until it is visible.

**STEP 7:** If the light is on and you can see the AP\_XXXXXXXXX in your network list the reset has been successful. You can connect the case back to the upper part of the dongle.

'ALL DONE'

HAVE A GOOD DAY !

# SOLIS CUSTOMER MONITORING ACCOUNT SETUP

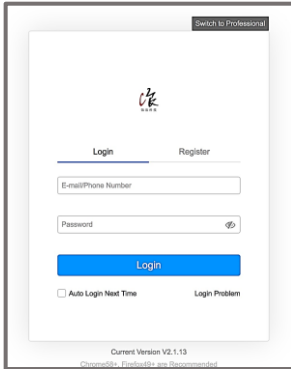
Using Web Browser



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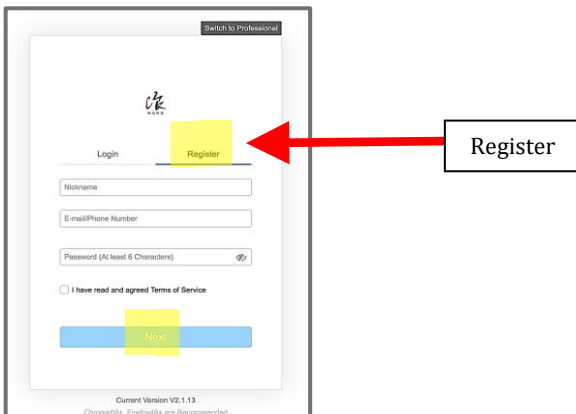
## SETTING UP MONITORING ACCOUNT – Using Web Browser

**STEP 1:** Log on to [m.ginlong.com](http://m.ginlong.com), the following page will appear.

The screenshot shows a web browser window with a login form. At the top right is a link 'Switch to Professional'. The form has two tabs: 'Login' (selected) and 'Register'. Below the tabs are input fields for 'E-mail/Phone Number' and 'Password'. A blue 'Login' button is below the password field. At the bottom left is a checkbox for 'Auto Login Next Time' and a link for 'Login Problem'. The footer text reads 'Current Version V2.1.13' and 'Chrome/36+, Firefox/36+ are Recommended'.

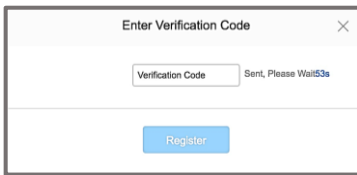
### **STEP 2:**

- Click on Register option. Make sure you enter your **EMAIL only** and **not** your phone number and set your own password.
- Enter all the details correctly. Once you are done, click **NEXT**.

The screenshot shows the registration form. The 'Register' tab is highlighted with a yellow box. A red arrow points from a separate box labeled 'Register' to this tab. The form includes fields for 'Nickname', 'E-mail/Phone Number', and 'Password (At least 6 Characters)'. There is a checkbox for 'I have read and agreed Terms of Service' and a blue 'Next' button highlighted with a yellow box. The footer text is the same as in Step 1.

### **STEP 3:**

- After clicking next, a pop up '**Enter Verification Code**' will appear as shown.
- The verification code will be sent to your email address provided by you, above. Please, check your inbox.
- You will receive an email (with the code) from 'SolarManBasic'.
- If you cannot find the email in your Inbox, make sure to check your spam and junk folder as well.
- Click Register once you have entered the Verification code.



Enter Verification Code

Verification Code Sent, Please Wait 3s

Register

#### STEP 4:

- After you enter the verification code and enter register, you will be redirected to a page as shown.
- Select create your plant in 1 minute.



Create your plant in 1 minute

#### STEP 5:

- 'Confirm plant description' page will appear as shown below.
- The information in this page can be completed with the help of your installer.
- If the installer is not available, you can fill this information to the best of your knowledge, as it **DOES NOT** affect the data logging capabilities or the performance of the system.



The screenshot shows the 'Confirm Plant Description' page. It has two tabs: '1 Confirm Plant Description' and '2 Confirm Correlation Info'. The 'Confirm Plant Description' tab is active. It contains the following fields:

- Plant Name:  (An arrow points to this field with the text 'This could be any name'.)
- Plant Type: ☒ Residential Rooftop ☐ Commercial Rooftop ☐ Industrial Rooftop ☐ Utility-scale Rooftop
- Grid-connected Type: ☒ Distributed All Power on Grid ☐ Distributed Self-use Residual Power on Grid ☐ Off-grid ☐ Storage System ☐ Utility-scale All Power on Grid
- Plant Location: A map view with a search bar 'Enter Address for Plant Location'. Below the map, the address is 'China, Jiangsu Wuxi Binhu'. An arrow points to this address with the text 'Put your address'.
- Capacity (kWp):  5.00

**NOTE:** The information entered here can be edited anytime.



Plant Time Zone (UTC+11:00) Magadan

Azimuth (°) 180°

Angle of Tilt (°) 28°

Currency CNY

Benchmark Price(CNY/kWh) 0.75

Generation Province FIT(CNY/kWh) 0 Period (yr) 0

Generation City FIT(CNY/kWh) 0 Period (yr) 0

Generation County FIT(CNY/kWh) 0 Period (yr) 0

Constructing Cost(CNY) 37500.00

Constructing FIT(CNY) 1000

Constructing FIT(CNY) 1000

Loan Proportion (%) 0%

Annual Loan Rate (%) 0 Period (yr) 0

Refund Method ☒ Fixed Basis Mortgage ☐ Fixed Payment Mortgage

Contact Number

Next

Change the currency from CNY to AUD

#### STEP 6:

- Click **Next** once you have filled the required fields above.
- After clicking next, you will be redirected to the next page 'Confirm Correlation Info' as shown.
- Click 'Construction Completed'.

1 Confirm Plant Description

2 Confirm Correlation Info

Founder dk( Owner )

Back Construction Completed

Construction Completed

#### STEP 7:

- The following page 'Add new device' will appear.
- Enter the Serial Number (S/N) written on your Wi-Fi stick and click **Add**.
- Make sure you **do not** change your device type and brand.

Add New Device

Device Type Logger

Brand SOLARMAN

SN

Add

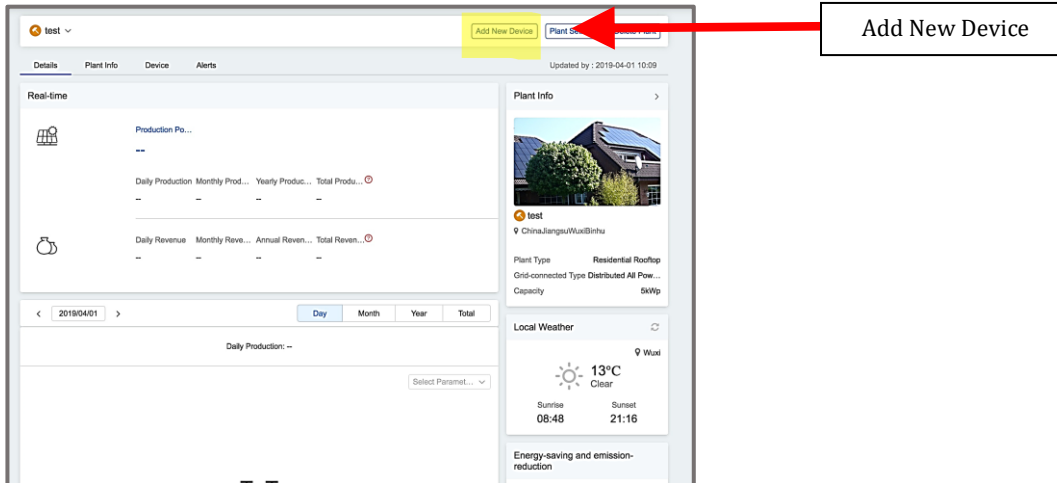
SN Operation

( Not Available )

Add

## STEP 8:

- If the above step (Add new device) does not appear, you will be redirected to the following page. Select **Add New Device** and follow Step 7.





The screenshot shows the Solis web interface. At the top, there is a navigation bar with tabs: Details, Plant Info, Device, and Alerts. The 'Device' tab is selected. In the top right corner, there is a yellow button labeled 'Add New Device' and a blue button labeled 'Plant Settings'. A red arrow points from the 'Add New Device' button to a callout box that says 'Add New Device'. The main content area shows real-time production data and plant information.

## STEP 9:

- After you have added the device, you will be redirected to the following page.

Details	Plant Info	Device	Alerts				
Inverter    Logger							
Device ...Name / SN	Current Gene...	Daily Production	Connected ...	Signal Strength	Latest Alerts	Last Update Ti..	Operation
<div><div>✕</div><div>Inverter 030AC0181060052</div></div>	2.27kW	3.1kWh	Logger 636873618	<div><div></div><div></div><div></div></div>	--	08:35 2019-03-28	<div>Delete</div>

**NOTE:** If you see the **Serial Number** of your inverter in the highlighted part and a **blue tick**, your initial setup is **completed**, and everything should work after 20 x minutes.

Details	Plant Info	Device	Alerts			
Inverter	Logger					
Device ...Name / SN	Current Gene...	Daily Production	Connected ... Signal Strength	Latest Alerts	Last Update Ti..	Operation
 Inverter 030AC0181060052	2.27kW	3.1kWh	Logger 636873618 	--	08:35 2019-03-28	

- If you do not see a blue tick or the serial number of your inverter after 5 minutes,
    1. Unplug the Wi-Fi dongle from the inverter\*\*\* (See next page to know how to unplug the Wi-Fi dongle)
    2. And then plug it back again.
    3. After you have plugged the Wi-Fi dongle back, on the Solis inverter press **Enter**.
    4. You will see four options on the inverter. Select the second option i.e., **Settings** and press **Enter**.
    5. The settings menu will again have two options: Set Time and Set Address. Select **Set Address**.
    6. The default address number of the Solis inverter is **01**. Check if it is 01 as shown, if not, press UP/DOWN keys to set the address.
- YES=<ENT> NO=<ESC>  
Set Address: 01
- 7. Press Enter to save the settings.

- After this refer to Step 9.

### \*\*\*Unplugging the Wi-Fi Dongle

- The dongle is a delicate device. Be GENTLE.
- Only Twist the black screw cap clockwise. (Do NOT pull/turn the silver part of the dongle.)



Do not touch the silver part of the dongle as it might break.

Twist Clockwise

“ALL DONE”

HAVE A GOOD DAY!