



solis SOL-DLS-W3 Wifi Dongle User Guide

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SOL-DLS-W3 Wifi Dongle User Guide



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 a 2.4GHz frequency.
- Take your phone close to the inverter.

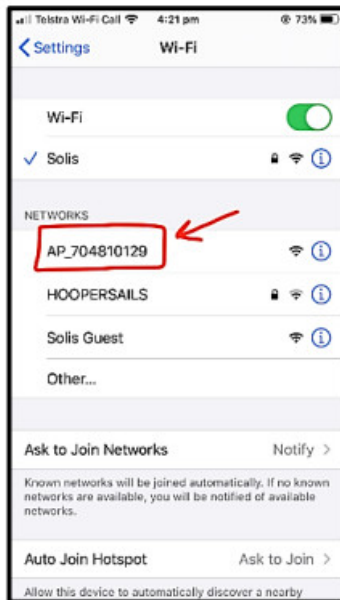
STEP 2:

- 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 to 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_XXXXXXXXX) in your available network list, in the Wi-Fi settings.



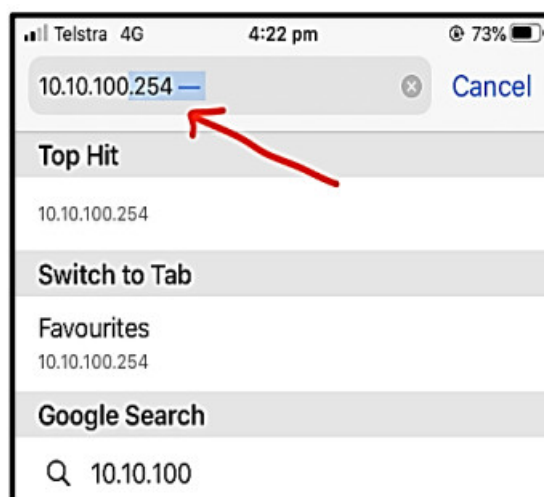
NOTE: The number XXXXXXXXX will be the same as the Serial Number of your Wi-Fi dongle. The number shown here is just an example, you will have a different number that will be same as your Wi-Fi dongle Serial Number (AP_XXXXXXXX).

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.

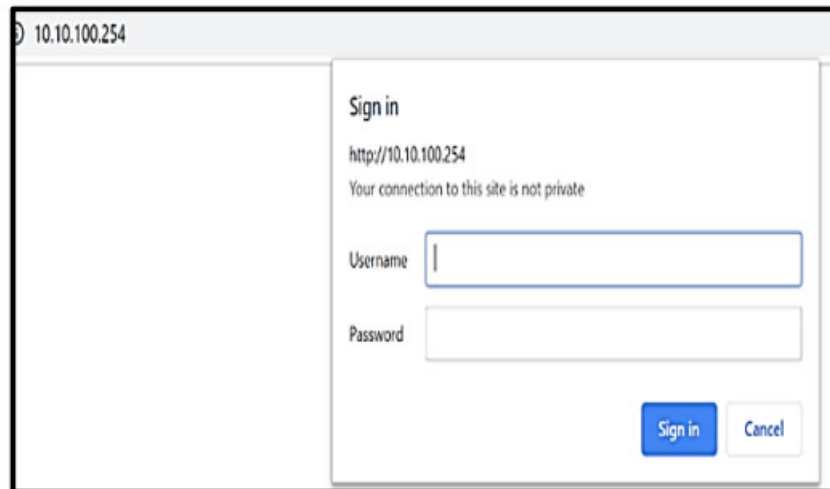


STEP 7: You should get a screen prompt asking for a username and password.

Username: admin

Password: admin

Then Press Sign in.



10.10.100.254

Sign in

http://10.10.100.254

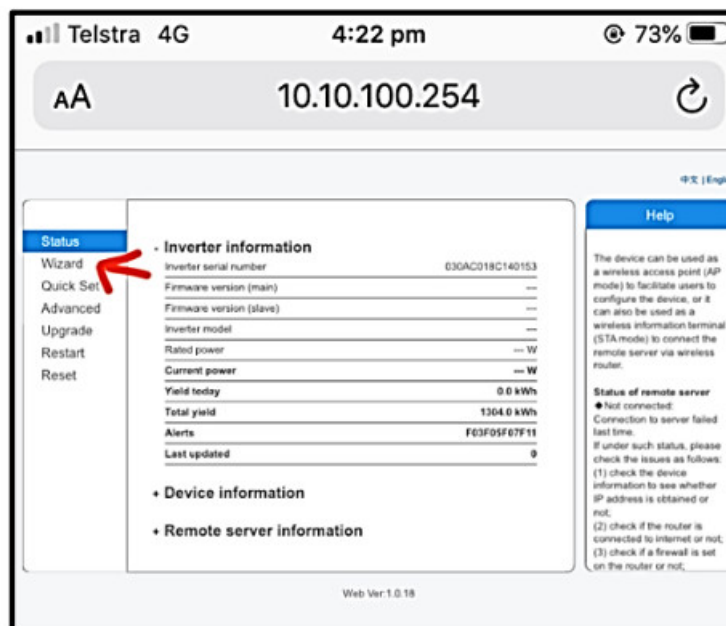
Your connection to this site is not private

Username

Password

Sign in Cancel

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



Telstra 4G 4:22 pm 73%

AA 10.10.100.254

中文 | English

Status

Wizard

Quick Set

Advanced

Upgrade

Restart

Reset

Inverter information

Inverter serial number	030AC018C140153
Firmware version (main)	---
Firmware version (slave)	---
Inverter model	---
Rated power	--- W
Current power	--- W
Yield today	0.0 kWh
Total yield	1304.0 kWh
Alerts	F03F05F07F11
Last updated	0

Device information

Remote server information

Help

The device can be used as a wireless access point (AP mode) to facilitate users to configure the device, or it can also be used as a wireless information terminal (STA mode) to connect the remote server via wireless router.

Status of remote server

◆ Not connected

Connection to server failed last time.

If under such status, please check the issues as follows:

(1) check the device information to see whether IP address is obtained or not;

(2) check if the router is connected to internet or not;

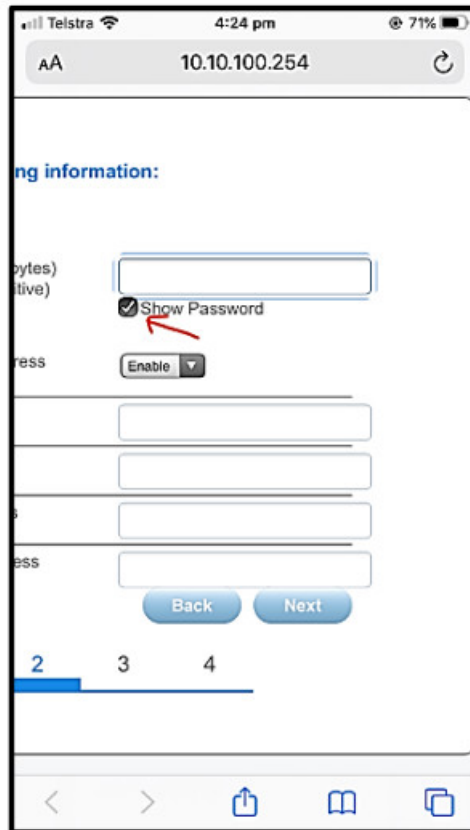
(3) check if a firewall is set on the router or not.

Web Ver 1.0.18

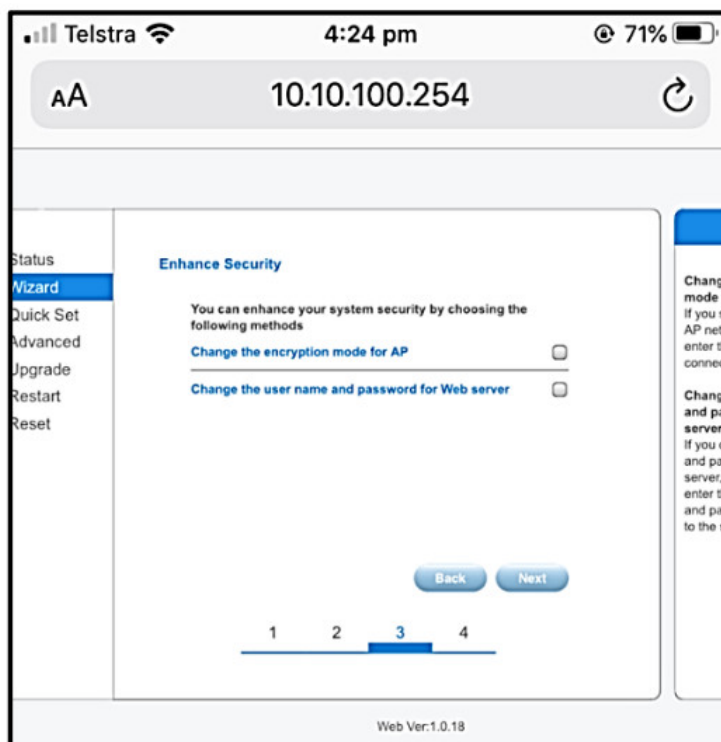
STEP 9: You will see a table containing Wi-Fi names.

Select your Wi-Fi name and ensure that the RSSI (3 rd column in the table) is more than 30%. Click Next once you have selected your network.

STEP 10: Enter your home Wi-Fi 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.



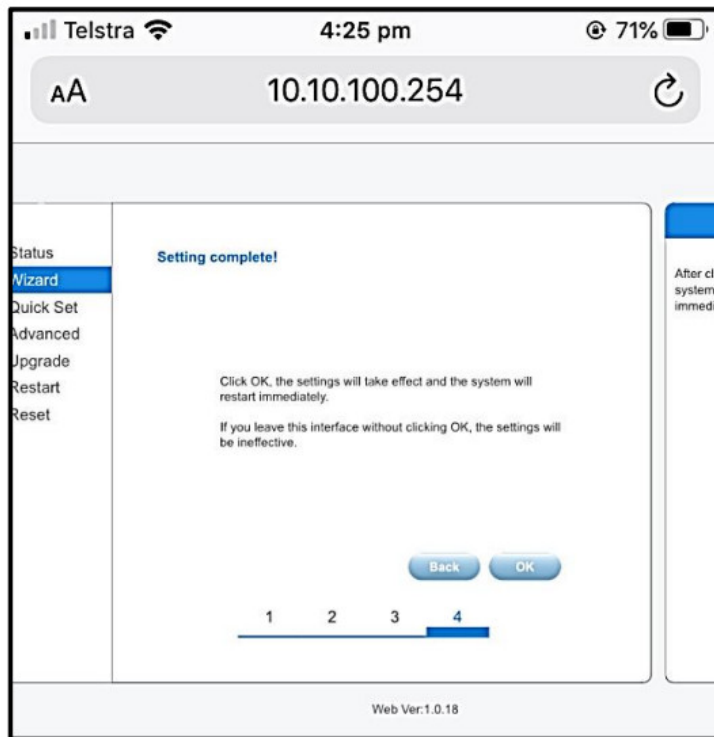
STEP 11: Once you have entered the password, you will see a 'Enhance Security' screen as shown below. You do not need to change anything here. Click Next.



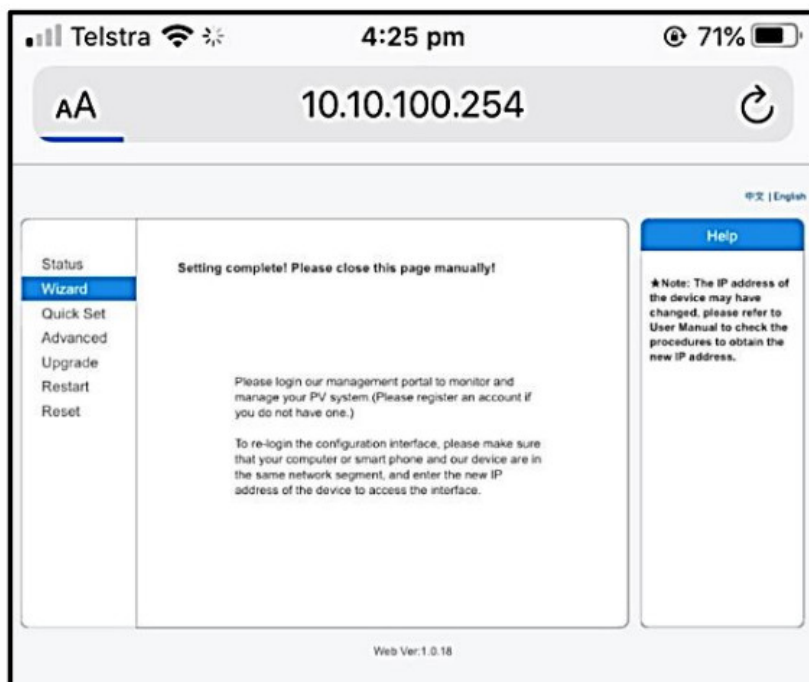
STEP 12: If all the steps done above are correct, you will be redirected to the 'Setting Complete' page. Click Ok option.

(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 the cross symbol.



Click on this symbol for Google Chrome and then click on the 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 the 'SOLIS Customer Monitoring Account Setup' PDF shared with you to create an account on the web portal after completing all the steps. OR use the Solis Home app to register an account and build a plant.

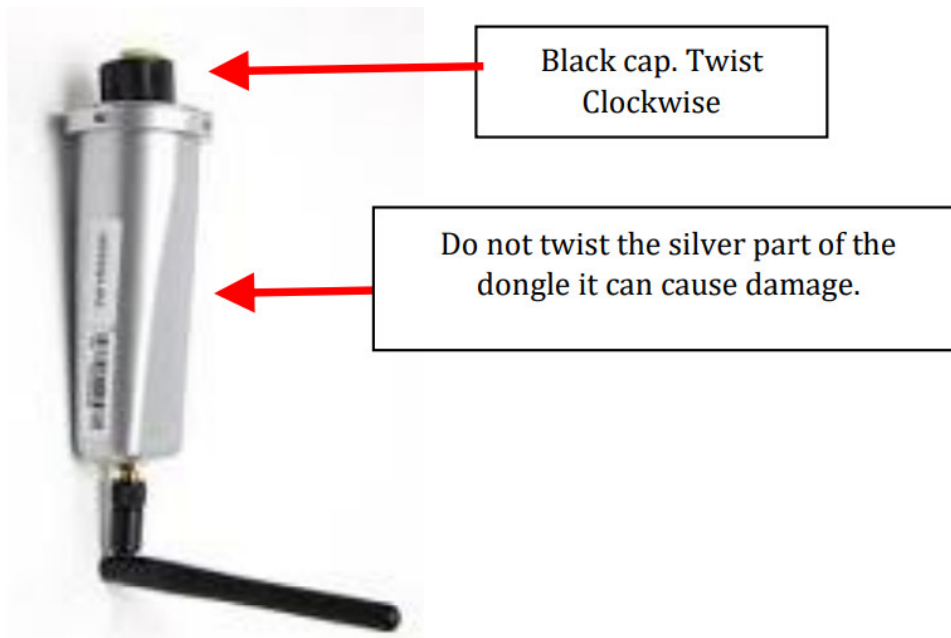
NOTE: If you are unable to see the AP_XXXXXXXXX in the Wi-Fi settings, we need to reset the dongle by exposing the inside circuitry and pressing the button for 45 seconds at the end of the antenna wire.

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



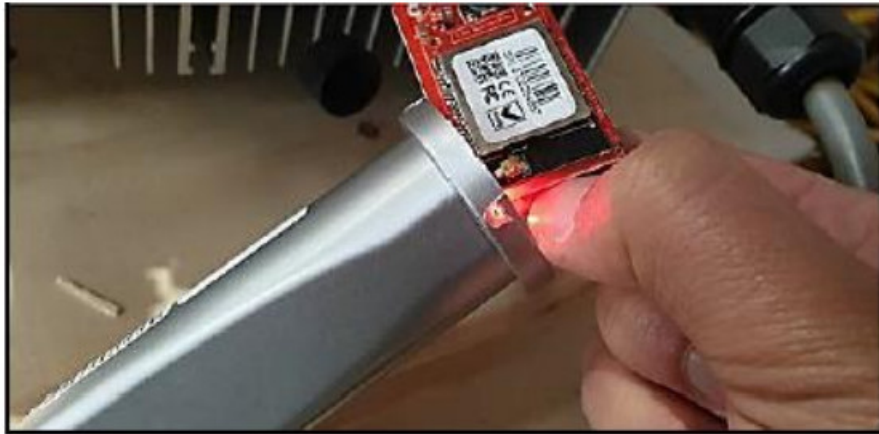
STEP 3: Now connect the upper part of the dongle back to the inverter as shown. (Important Step)



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_XXXXXXXX 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_XXXXXXXX in your network list the reset has been successful. You can connect the case back to the upper part of the dongle.

SETTING UP MONITORING ACCOUNT – Using Web Browser

STEP 1: Log on to m.ginlong.com, the following page will appear.

Switch to Professional

CK
SAFE

Login Register

E-mail/Phone Number

Password

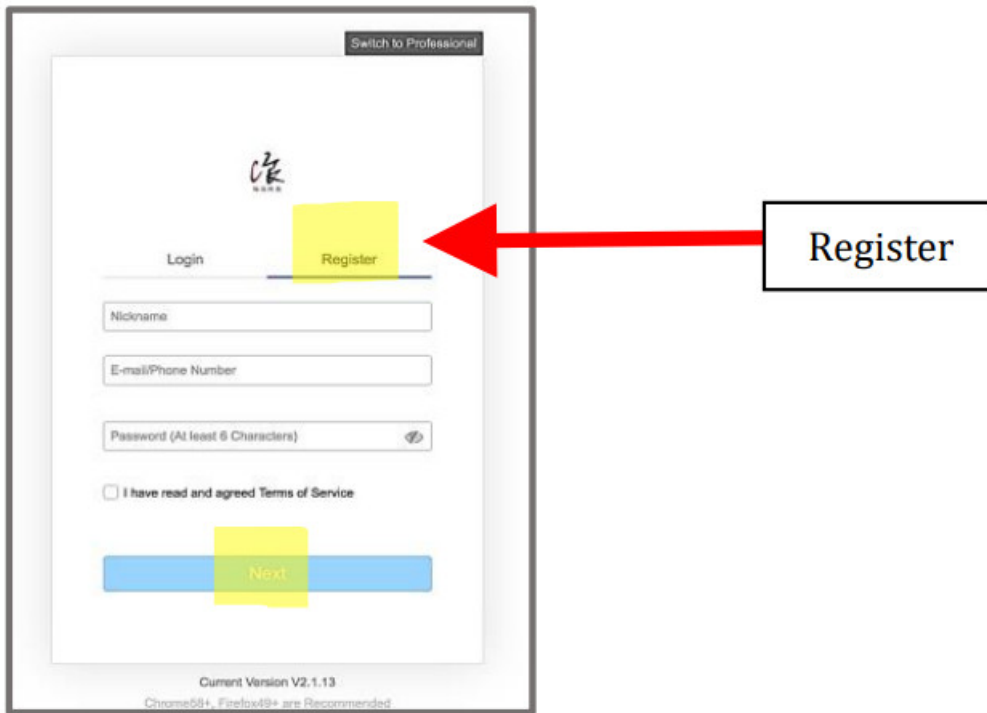
Login

Auto Login Next Time Login Problem

Current Version V2.1.13
Chrome55+, Firefox49+ are Recommended

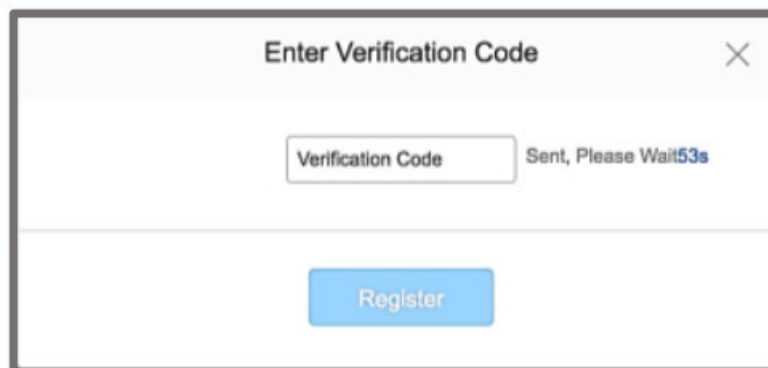
STEP 2:

- 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.



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.



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.

1 Confirm Plant Description 2 Confirm Correlation Info

Plant Name → 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

Enter Address for Plant Location

Address:

Capacity (kWp) Put your address

NOTE: The information entered here can be edited anytime.

Plant Time Zone (UTC+11:00) Magadan

Azimuth (°) 160°

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 ————— 2

Confirm Plant Description Confirm Correlation Info

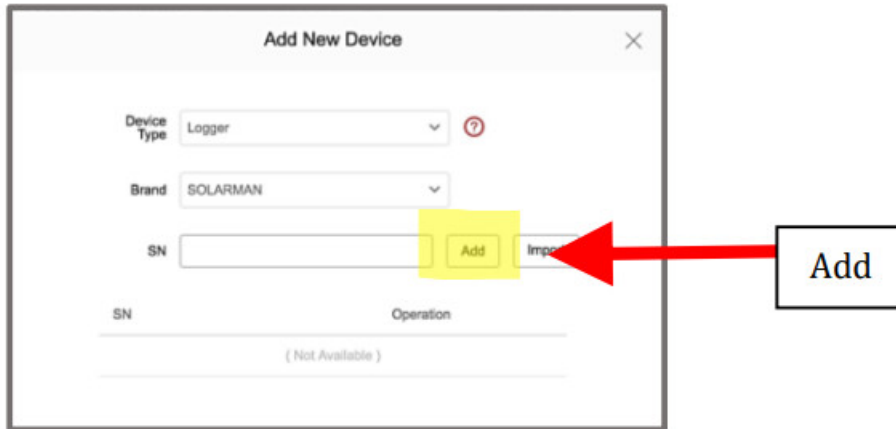
Founder dk(Owner)

Back Construction Completed

Construction Completed

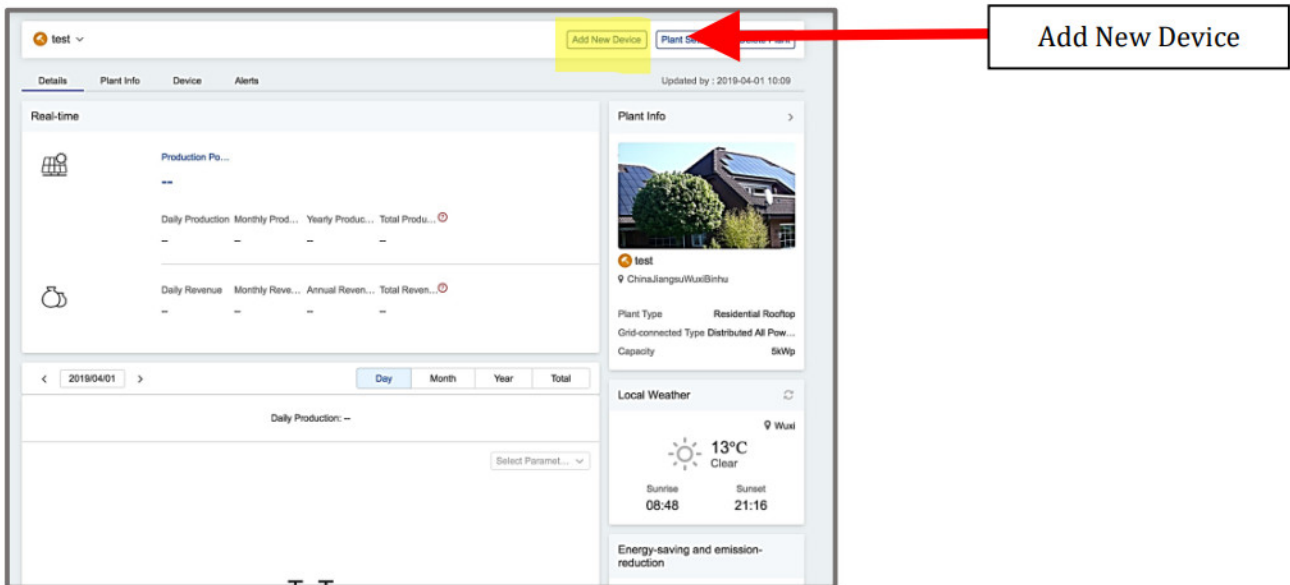
STEP 7:

- 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.



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.




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
Inverter 030AC0181060052	2.27kW	3.1kWh	Logger	636873618	--	08:35 2019-03-28	Delete

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	Delete

- 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 WiFi 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.)



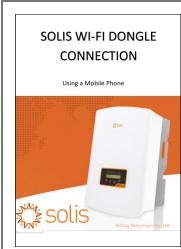
Do not touch the silver part of the dongle as it might break.

Twist Clockwise

“ALL DONE”
HAVE A GOOD DAY!

Web: www.solisinverters.com.au
Ph: 03 8555 9516
E: service@ginlongaust.com.au

Documents / Resources



[solis SOL-DLS-W3 Wifi Dongle](#) [pdf] User Guide
SOL-DLS-W3 Wifi Dongle, SOL-DLS-W3, Wifi Dongle, Dongle

References

- m.ginlong.com
- solisinverters.com.au

Manuals+.