WiFi Stick Connection & Station Building Operation Manual

Reversion History

Date	Version	Change Description	Prepared By	Reviewed By
2023-08-23	V1.0		Nick Pan	Peter Wang
2024-04-24	V2.0	Remote upgrade steps	Vincent Xiong	Leonard Yan

General Terms

This operation manual applies to UZ ENERGY's Power Lite LV series products, including L051100-A1 /B/D, and Power Lite HV, including PLHB/Power Swift. Please download the latest version on Notion
(The link is https://uzenergy.notion.site/WiFi-Stick-00a43cf6491f4c1fbb77ca7137cd52c5).

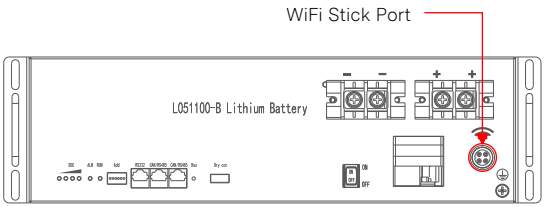
1. WiFi Stick Connection

This document is intended for qualified persons who must perform the tasks exactly as described in this user manual.
All installation work must be performed by appropriately trained and qualified persons.
Qualified persons must possess the following skills:

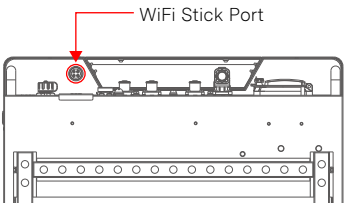
(Fig 1.0 WiFi stick.)

1.1 WiFi Stick Connection

Take off the anti-dust cap of the WiFi port on battery panel.



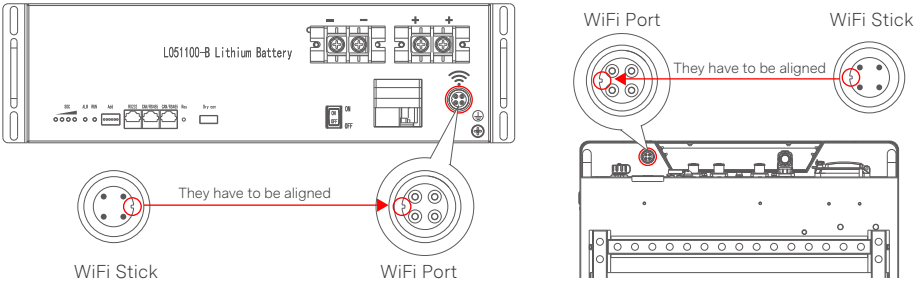
(Fig 1.1 WiFi port on Power Lite battery.)



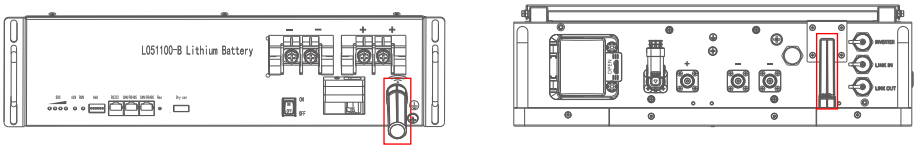
(Fig 1.2 WiFi port on PLPA battery.)

1.2 WiFi Stick Connection

Connect WiFi stick to WiFi port properly. As shown in Fig 1.3, please be noted that the marked 1 and 2 parts shall be matched when connecting WiFi stick. (This is only an example of PLPA)

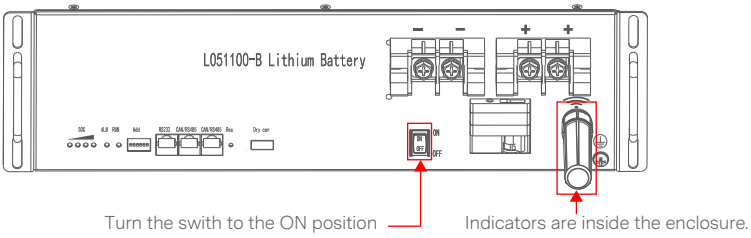


(Fig 1.3 Connect WiFi stick to the WiFi port on battery.)

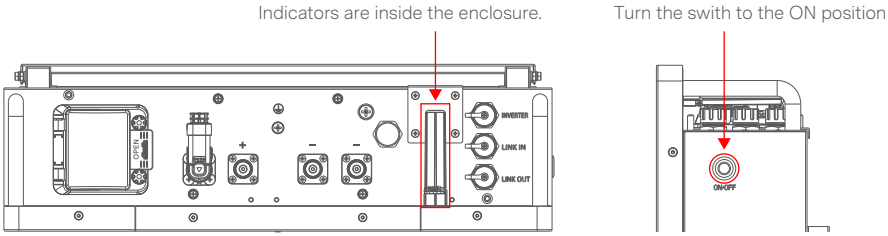


(Fig 1.4 Battery with WiFi stick connected.)

Turn the battery power switch to the ON position.
Note: WiFi stick indicators are OFF as shown in Fig 1.5 and Fig1.6.



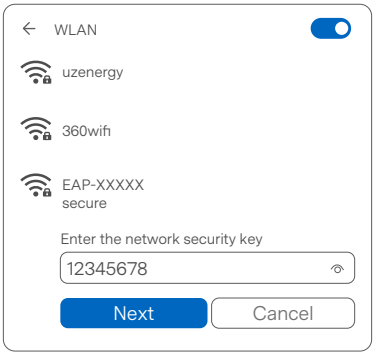
(Fig 1.5 WiFi stick indicators are off when battery is on for Power Lite)



(Fig 1.6 WiFi stick indicators are off when battery is on for PLPA)

1.3 Connect to a wireless network

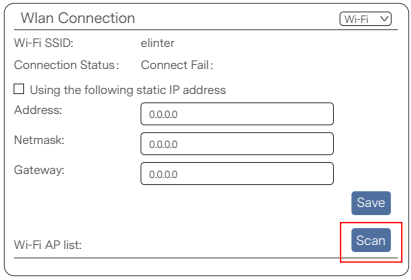
Connect your PC/laptop to the related WiFi network “EAP-XXXXX”. “XXXXX” is from the last five digits of the WiFi stick SN, the password is 12345678.



(Fig 1.7 Connect your PC/laptop to the related WiFi network.)

1.4 Configure your local WiFi network.

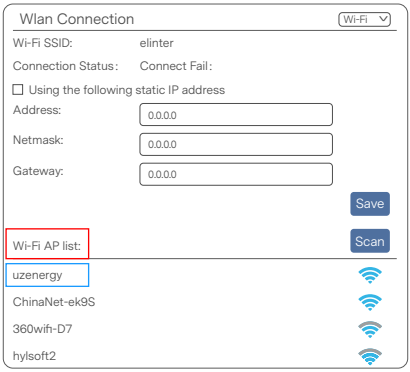
Step 1: Launch the browser and enter Web “http://10.10.10.1”, then select “Scan” button.



(Fig 1.8 Scan WiFi AP list on device web.)

Step 2: Select your local WiFi network in the pop-up window.

*Note: This local WiFi network is the one used for normal internet browsing.



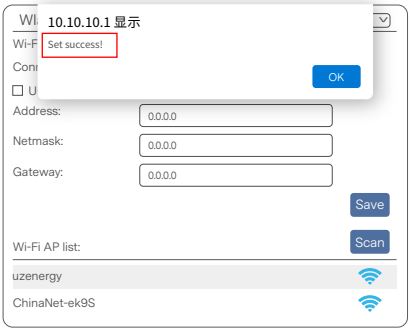
(Fig 1.9 Select your WiFi network.)

*Note: “uzenergy” is just a demo. Please choose the one according to your practical use.

Step 3: Launch the popup window and type your WiFi network password. Then click “Connect” button to complete connection.

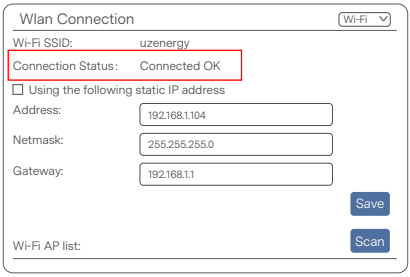
(Fig 1.10 Connect to your WiFi network.)

*Note: “uzenergy” is just a demo. Please choose the one according to your practical use.



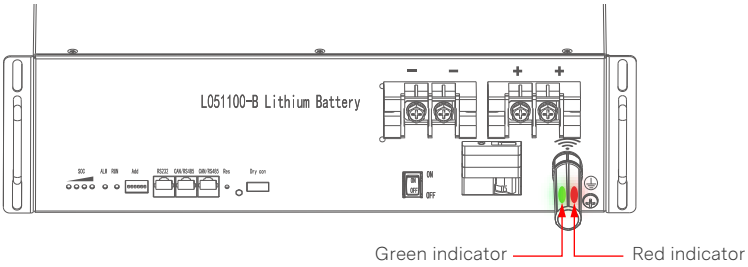
(Fig 1.11 Connection setting success.)

Step 4: Refresh the web page and check the connection status. The WiFi stick indicator is steady green after successful connection.

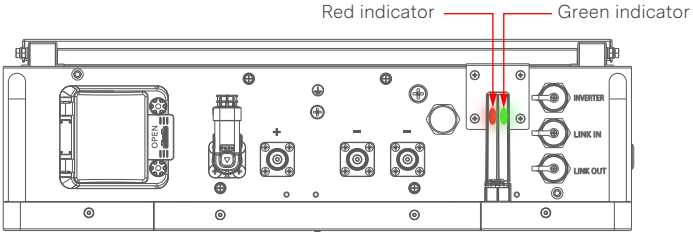


(Fig 1.12 Double check connection status.)

Step 5: Press ON/OFF button to restart the battery. The WiFi stick indicator status changes as follows: Green on→Green off→Red on→Green on and red blinking. When the WiFi stick indicators are green on and red blinking, you can start to build station on the portal.



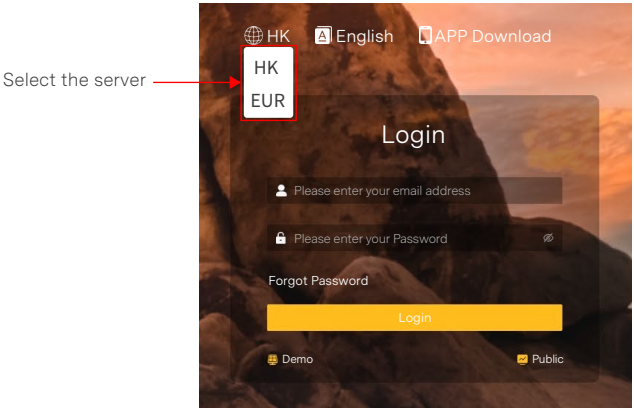
(Fig 1.13 WiFi stick status after connection for Power Lite)



(Fig 1.14 WiFi stick status after connection for PLPA)

2. Build Station

Please select the server before login, select the European server for Europe, select the Hong Kong server for outside Europe.

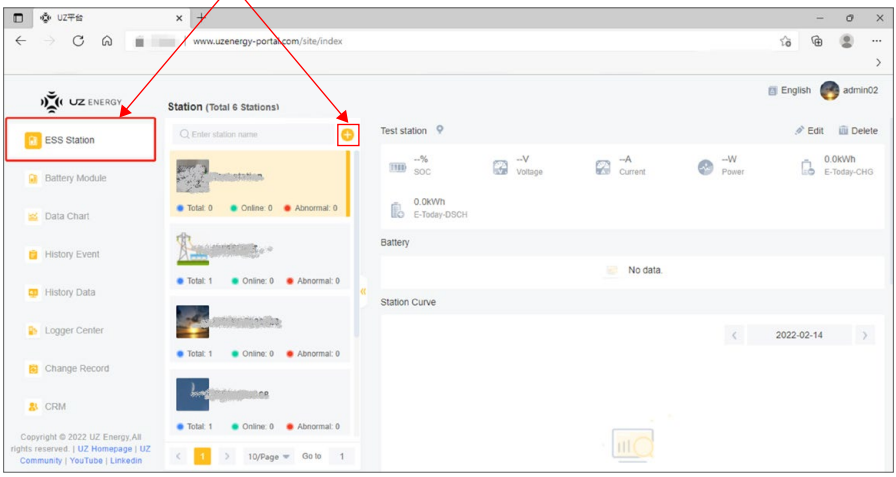


(Fig 2.0 Select the server)

2.1 Enter the homepage of the monitoring platform

Enter the homepage of the portal (http://www.uzenergy-portal.com/site/index). Select “ESS Station” and click the icon “⊕”.

Step 1: Select “ESS Station” and click icon “+”.

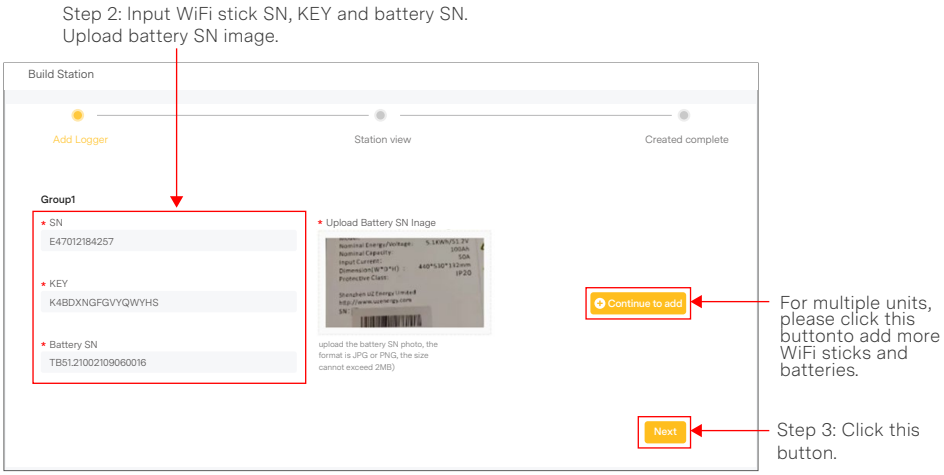


(Fig 2.1 Click icon “ ⊕ ”.)

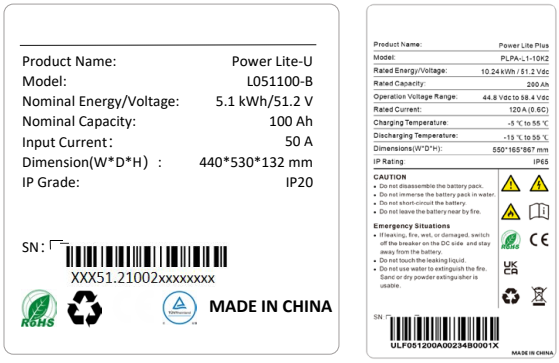
2.2 Please enter the following information on the new page that pops up.

Step 1: Enter WiFi stick SN and KEY. As shown in Fig 1.1, SN and Key can be got from the label;
Step 2: Enter battery SN and upload battery label. The label shown in Fig 2.4 is pasted on the battery.

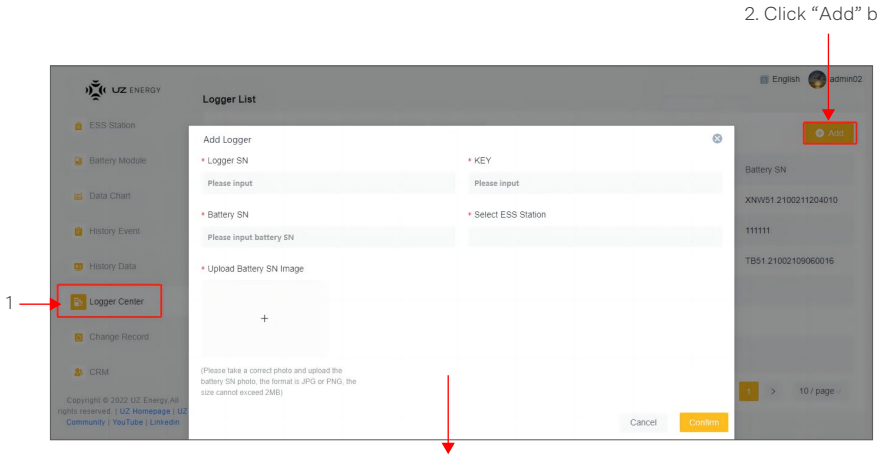
*Note: Please be noted that click “Continue to add” when more than one WiFi stick should be configured. If more than 6 WiFi sticks need to be configured to one station, please see to Fig 2.4, adding more WiFi sticks in Logger Center.



(Fig 2.2 Input WiFi stick and battery information in popup window.)



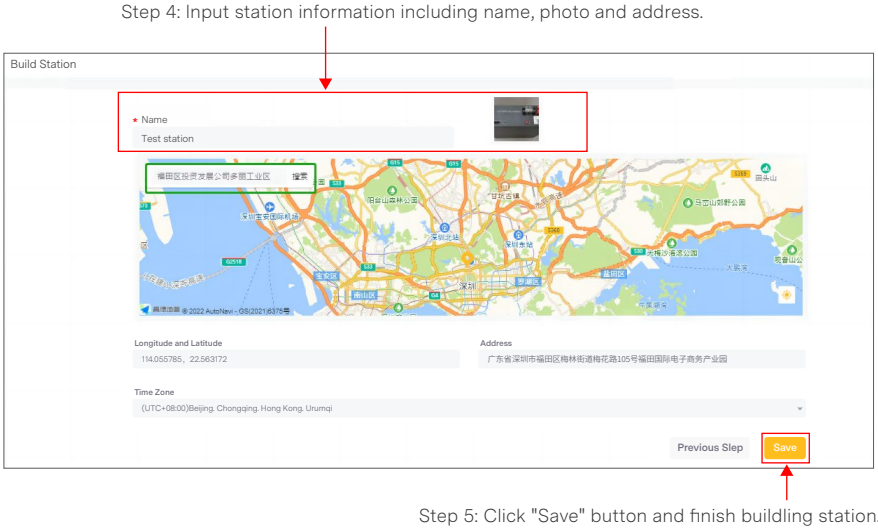
(Fig 2.3 Label with battery SN.)



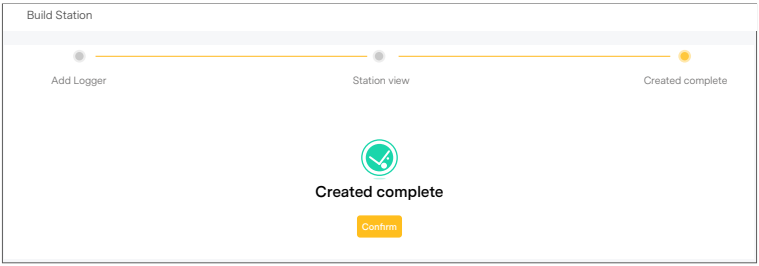
(Fig 2.4 Add more WiFi sticks in Logger Center.)

Step 3: Click “Next” button for next step as shown in Fig 2.2.

Step 4: Type station name, upload picture and select address in the popup window.

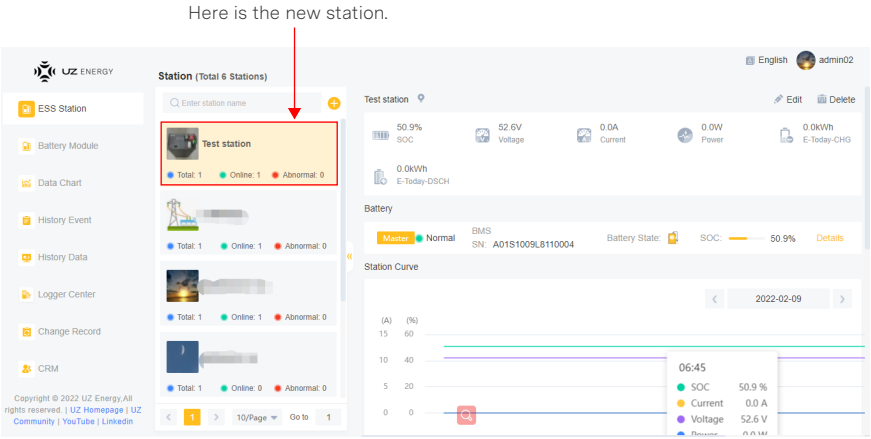


Step 5: Click “Save” button to finish building station.



(Fig 2.6 Complete station building.)

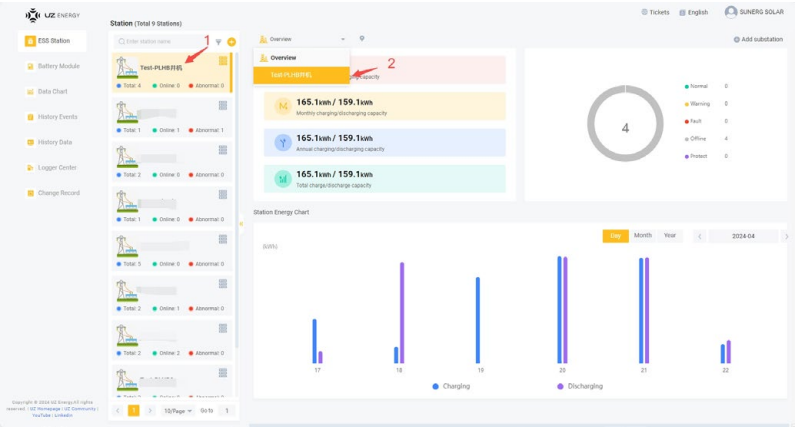
Step 6: Refresh the webpage. If you can find your new station in the station list and review the information about the station on the right of the webpage, the station building is complete successfully.



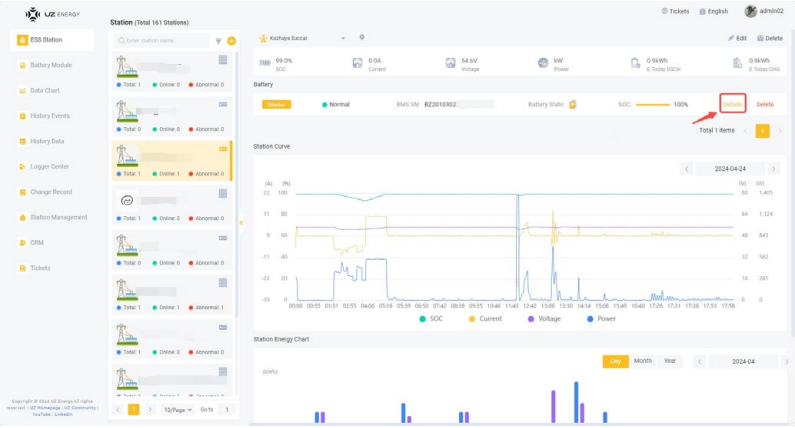
(Fig 2.7 Check station status.)

3 Remote upgrade steps

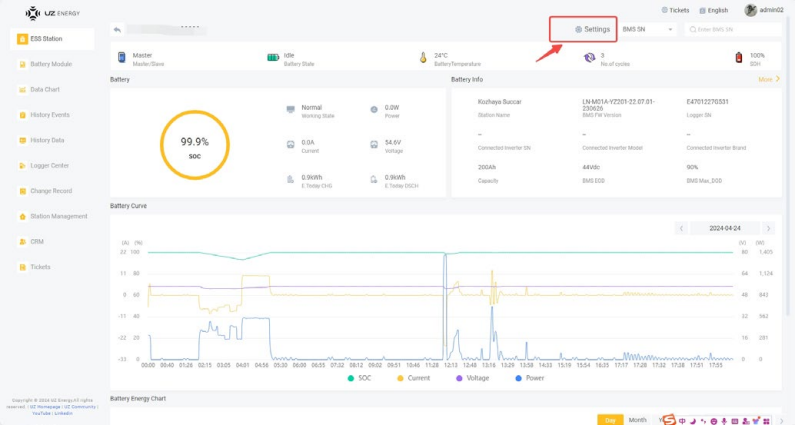
Step 1: Click on the built power station, click overview, and select the sub-item name.



Step 2: Click “Details”



Step 3: Click“Settings”



Step 4: Choose"Remote Upgrade FW",click “Load Firmware File”， select the upgrade file, finally click "Upgrade", and wait for the final display of the “Upgrade success”.