

采集器连接和建电站操作指引

WiFi Stick Connection & Station Building Operation Manual

变更履历表 Reversion History

序号 No.	版本 Version	日期 Date	变更内容 Change Description	备注 Remark	制作 Prepared By	审核 Reviewed By
1	V1.0	2022-2-10	首次发行 The first released version	-	Nick Pan	Peter Wang
2	V1.1	2022-2-14	1.细化操作步骤 Detailed operation procedure; 2.删除“采集器连接”的步骤 a)和 e)-v。 Delete step a) and e)-v in part 1 “WiFi Stick Connection”.	-	Nick Pan	Peter Wang

概述 General Terms

此操作指引适用于 UZ ENERGY 的 Power Lite 低压系列产品 L051100-A1/B/D，并请及时下载最新的操作指引文件。

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

1. 采集器连接 WiFi Stick Connection



Fig 1.1 WiFi stick.

- a) 拧开电池 WiFi 接口的防尘帽。

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



Fig 1.2 WiFi port on Power Lite battery.



Fig 1.3 WiFi port on PLPA battery.

- b) 正确安装采集器。注意：采集器接口的凹陷部分和 WiFi 接口的凸起部分要对齐，然后再旋紧。

Connect WiFi stick to WiFi port properly. As shown in Fig 1.4, please be noted that the marked 1 and 2 parts shall be matched when connecting WiFi stick.



Fig 1.4 Connect WiFi stick to the WiFi port on battery.

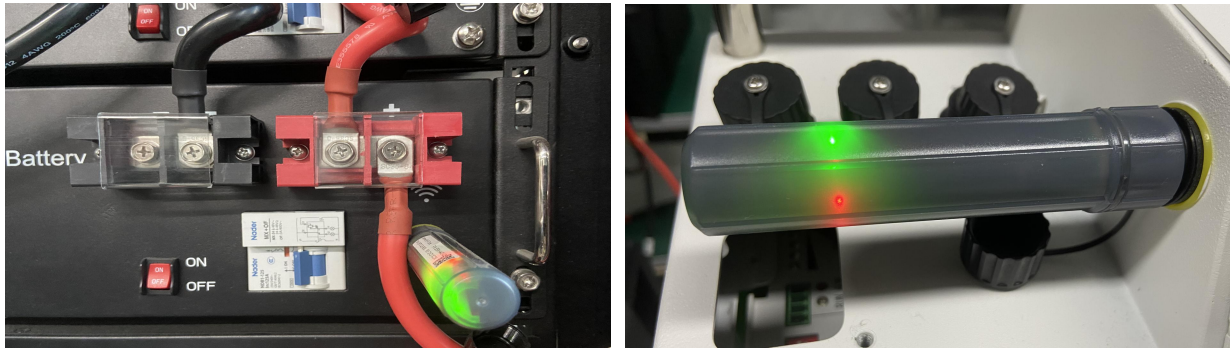


Fig 1.5 Battery with WiFi stick connected.

打开电池。注意：此时采集器的指示灯不亮。

Turn the battery power switch to the ON position.

Note: WiFi stick indicators are OFF as shown in Fig 1.6 and Fig1.7.

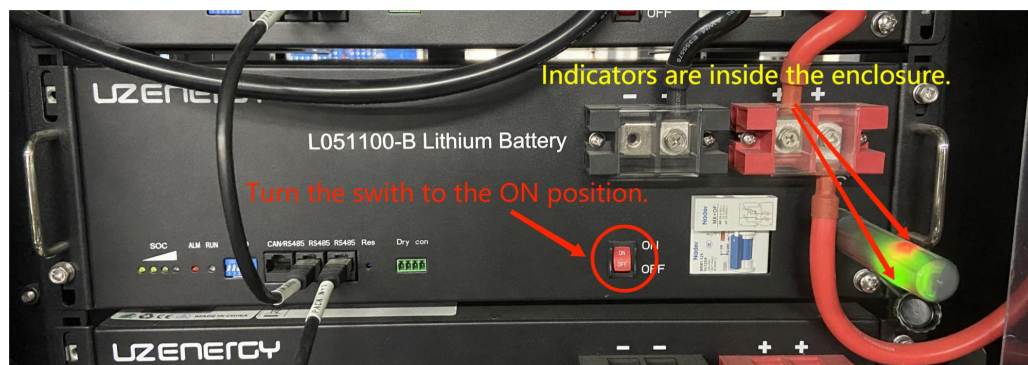


Fig 1.6 WiFi stick indicators are off when battery is on for Power Lite

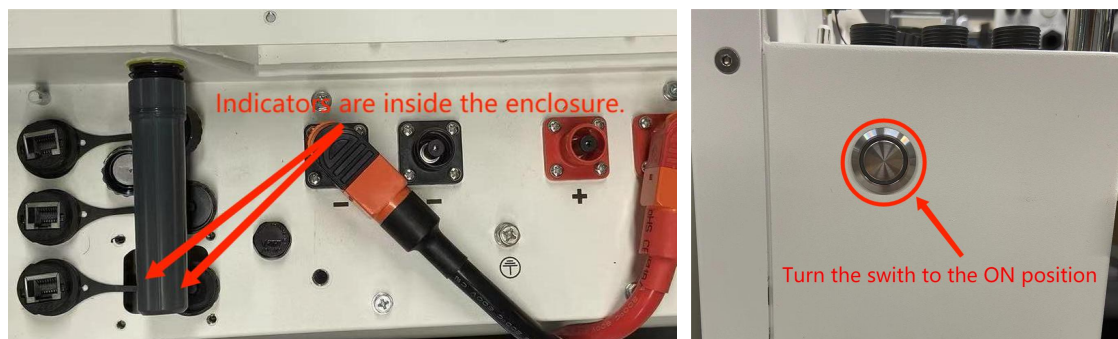


Fig 1.7 WiFi stick indicators are off when battery is on for PLPA

- c) 连接采集器关联的无线网络。WiFi 名为“EAP-xxxxx”，后 5 位为采集器 SN 号的末 5 位，密码为 12345678。

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 1.8 Connect your PC/laptop to the related WiFi network.

d) 配置本地无线网络。

Configure your local WiFi network.

- i. 打开浏览器，输入 [Web](http://10.10.10.1) (<http://10.10.10.1>)，单击"Scan"按钮。

Launch the browser and enter [Web](http://10.10.10.1) "<http://10.10.10.1>", then select "Scan" button.



Fig 1.9 Scan WiFi AP list on device web.

- ii. 在跳出的列表中找到可以联网的 WiFi，选择此 WiFi。

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

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

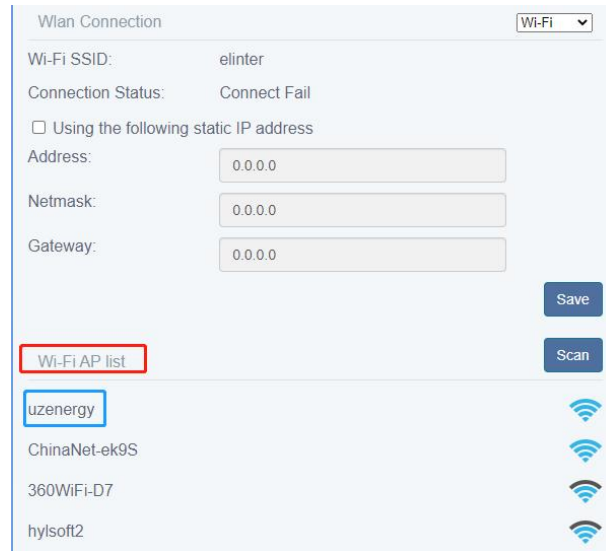


Fig 1.10 Select your WiFi network.

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

- iii. 在跳出的对话框中输入此 WiFi 的密码，点击 “Connect”，完成连接。

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

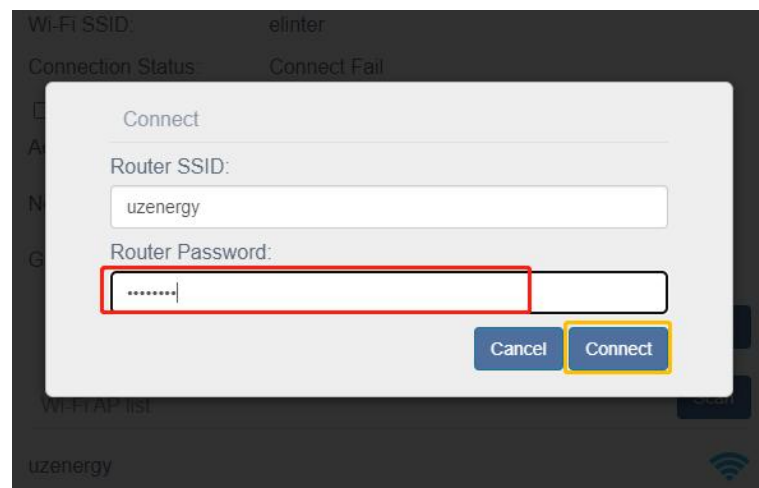


Fig 1.11 Connect to your WiFi network.

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

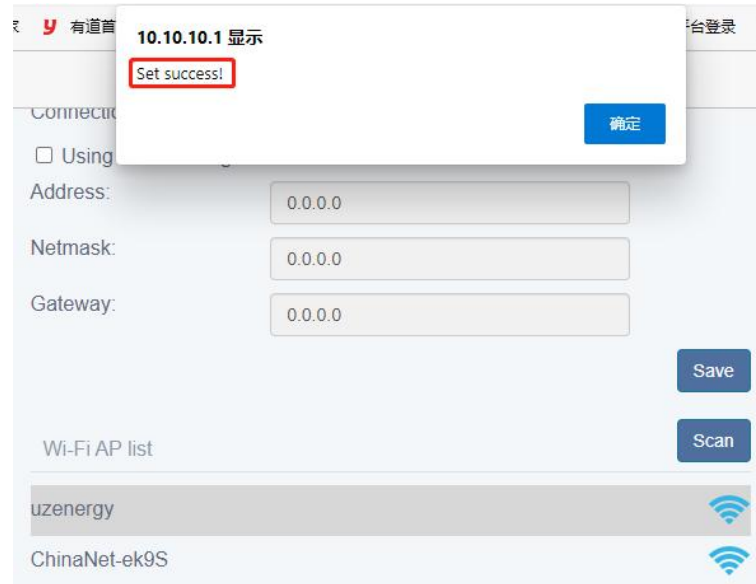


Fig 1.12 Connection setting success.

- iv. 刷新网页，确认连接成功。配置成功后，采集器指示灯状态为绿灯常亮。

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



Fig 1.13 Double check connection status.

- v. 重启电池。采集器指示灯状态变化如下：绿灯常亮→绿灯灭→红灯亮→绿灯常亮且红灯闪烁。当采集器指示灯状态为绿灯常亮且红灯闪烁，表明采集器的配网顺利完成，可以进行下一步的建立电站。

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.

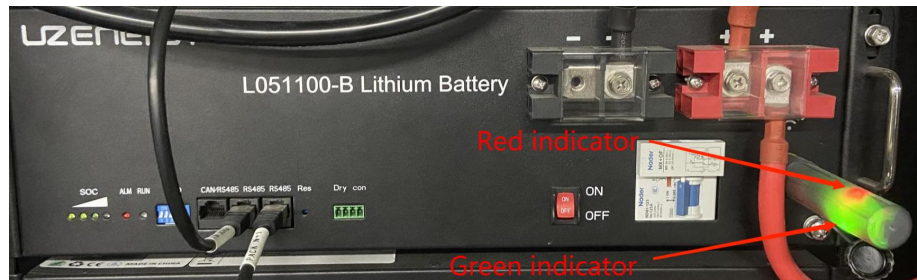


Fig 1.14 WiFi stick status after connection for Power Lite

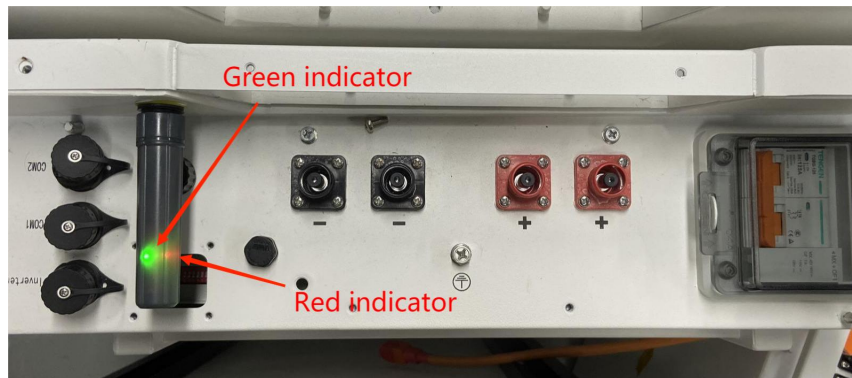


Fig 1.15 WiFi stick status after connection for PLPA

2. 建立电站 Build Station

登录前请选择服务器，位于欧洲则选择欧洲服务器，位于欧洲之外的选择香港服务器。

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

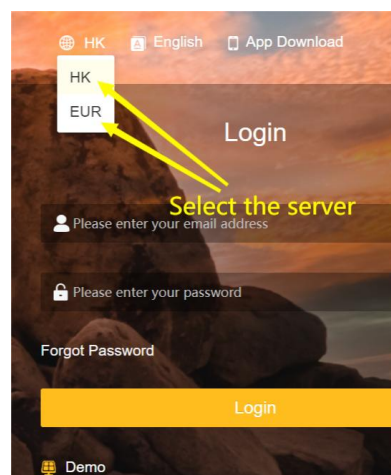


Fig 2.1 Select the server

- a) 进入监控平台首页（<http://www.uzenergy-portal.com/site/index>），点击电站列表中的“+”号。

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

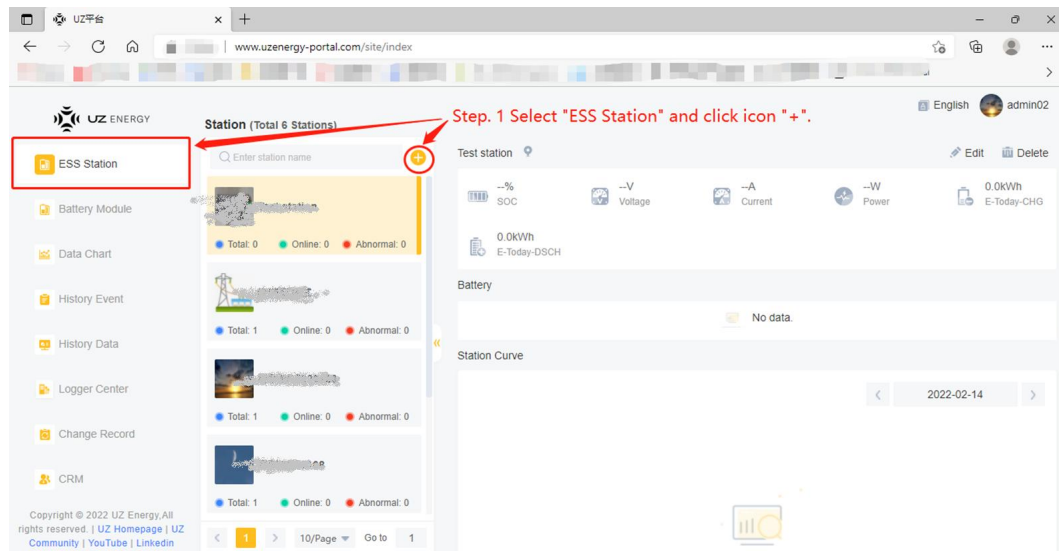


Fig 2.2 Click icon “+”.

- b) 在弹出的新页面中输入如下信息，如图 2.3 所示：

- i. 采集器产品标签上的 SN、KEY，如图 1.1 所示；

Enter WiFi stick SN and KEY. As shown in Fig 1.1, SN and Key can be got from the label;

- ii. 电池包标签上的 SN 号，并上传带电池 SN 号的产品标签图片，如图 2.4 所示。

Enter battery SN and upload battery label. The label shown in Fig 2.4 is pasted on the battery.

注意：如果有多个采集器录入，则点击“Continue to add”按钮。如果一个站点超过 6 个采集器，则在采集器管理页面逐个添加，详见图 2.5 所示。

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 2.5, adding more WiFi sticks in Logger Center.

Build Station

**Step 2. Input WiFi stick SN, KEY and battery SN.
Upload battery SN image.**

Add Logger Station view Created complete

Group1

WiFi Stick

* SN
E47012184257

* KEY
K4BDXNGFGVYQWYHS

* Battery SN
TB51.21002109060016

* Upload Battery SN Image

(Please take a correct photo and upload the battery SN photo, the format is JPG or PNG, the size cannot exceed 2MB)

For multiple units, please click this button to add more WiFi sticks and batteries.

Continue to add

Step 3. Click this button.

Next

Fig 2.3 Input WiFi stick and battery information in popup window.

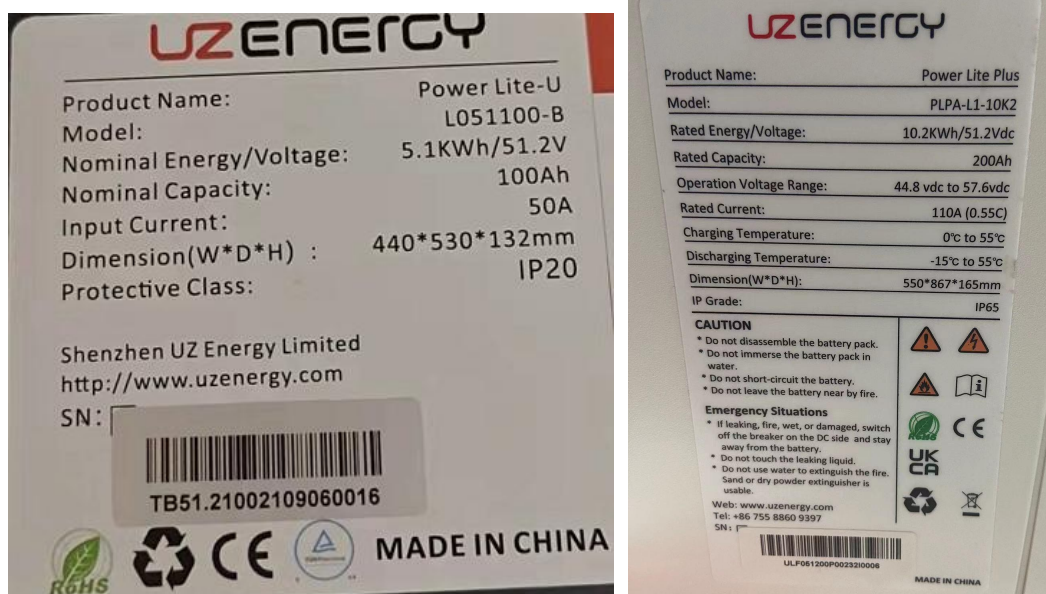


Fig 2.4 Label with battery SN.

UZ ENERGY

Logger List

ESS Station Battery Module Data Chart History Event History Data **Logger Center** Change Record CRM

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2. Click "Add" button

3. Input WiFi stick info and battery SN in the popup window.

Add Logger

* Logger SN
Please input

* KEY
Please input

* Battery SN
Please input battery SN

* Select ESS Station

* Upload Battery SN Image

(Please take a correct photo and upload the battery SN photo, the format is JPG or PNG, the size cannot exceed 2MB)

Battery SN
XNWS1.2100211204010
111111
TB51.21002109060016

Cancel Confirm

Fig 2.5 Add more WiFi sticks in Logger Center.

c) 点击 “Next “进行下一步操作。

Click “Next” button for next step as shown in Fig 2.3.

d) 输入电站名称，上传电站照片，并选择电站地址。

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

Build Station

Step 4. Input station information including name, photo and address.

Name
Test station

Address
广东省深圳市南山区梅林街道梅华路105号福田国际电子商务产业园

Longitude and Latitude
114.055785, 22.563172

Time Zone
(UTC+08:00) Beijing, Chongqing, Hong Kong, Urumqi

Step 5. Click "Save" button and finish building station.

Previous Step Save

Fig 2.6 Input station information and save.

e) 点击 “Save “按钮，完成电站创建。

Click “Save” button to finish building station.

Build Station

Add Logger Station view Created complete

Created complete

Confirm

Fig 2.7 Complete station building.

6) 确认电站完成情况。刷新网页，如果在电站列表中可以找到新建的电站，并且在右侧可以读取电站的详细信息，表明建站成功。

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.

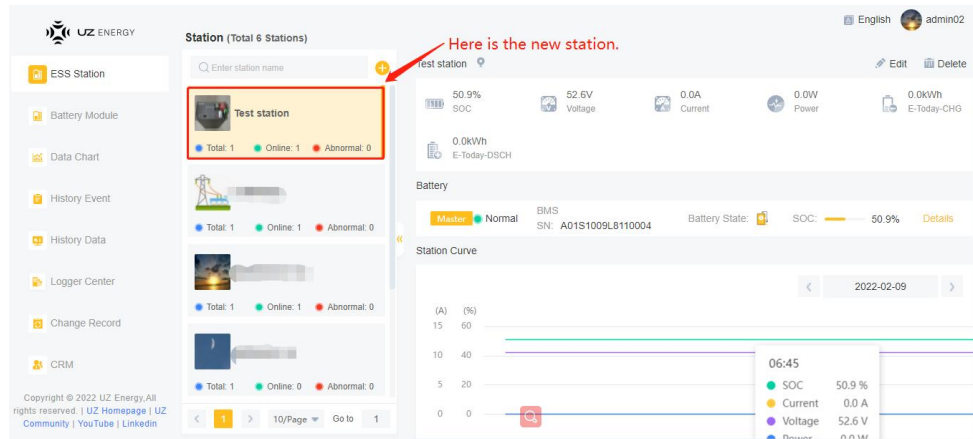


Fig 2.8 Check station status.