

## **Smart Energy Management System Guidance**

### **Step 1: Register an account**

**1.Download** "Luxpowerview" via APP store (IOS operation system) or Google Play (Android operation)

system)

### 2.You need to check the customer code with your installer or distributor before registering an account.

| 2:45 PM 🚾 🚟 🎇                  |            | 2:45 PM 🚾 📰 🞇           |      |
|--------------------------------|------------|-------------------------|------|
| Step1-1                        |            | < LU&POW                | ER   |
|                                |            | * Username              | ,ep1 |
|                                |            | * Password              |      |
| GONVIEW                        |            | * Repeat password       |      |
| Password                       |            | Real name               |      |
| Remember username              | Auto login | * E-mail                |      |
| LOGIN                          |            | Tel number              |      |
|                                |            | * Station name          |      |
|                                |            | * Daylight saving time  |      |
| - or -                         |            | * Continent             |      |
|                                |            | * Region                | Ea   |
|                                |            | * Country               |      |
|                                |            | * Timezone              | (    |
|                                |            | Address                 |      |
| REGISTER                       |            | * Customer code         |      |
| KEOIOTEK                       |            | * Datalog serial number |      |
| WIFI MODULE CONN               | IECT       | * PIN                   |      |
| PRODUCT WARRANTY LOCAL CONNECT |            | DECISTE                 | D    |
| DOWNLOAD FIRMWARE              |            | REGISTE                 |      |
| Version 2.1.8                  |            |                         |      |

## **Step 2: Add Another WiFi Module**

1. Login with the account you just registered and then you can find a station you just added

2. Click "ADD WIFI MODULE" button , and add another WiFi module to this station





## **Step 3: Configure Network for the WiFi Modules**

- LED on wifi module is solid on





**4.** Click 'Scan' to find the Router signal you want to connect, and then choose 'Enable', input the password. After input password, please click 'save' to save the information of wifi. **5.** Clink 'yes' to reboot wifi module **6.** Wait for 10 minutes and the system will connected to internet.



Run State Wifi Mode Select AP Mode Setting Station Mode Settting Uart Settinig Network Setting Moduel Managemer



Please note i LED is blink, connect to wi (weak signal check the SSI and repeat th

**1.** Please connect your mobile phone or computer to local hotspot sent by the wifi module first when wifi

**2.** Open browser and visit web <u>http://10.10.10.1,</u> and input username: admin, password:admin **3**. Click 'English' to change language to English, and then click 'Station Mode Setting' **4.** Click 'Scan' to find the Router signal you want to connect, and then choose 'Enable', input the password. After input password, please click 'save' to save the information of wifi.

| 🤶 HD ⁴Gul₁ 💷 17:55  |   | (();<br>;   |
|---|---|-------------|
|   | setting   |             |
| ・ 中文   English  | Kun State   Wifi Mode Select   AP Mode Setting   Station Mode Settting   Uart Settinig   Network Setting   Moduel Management  | ou are curr |
| Net1 key         Net2 ssid         Net2 key         Net3 ssid         Net3 key         Net4 ssid         Net4 ssid         Net5 ssid         Net5 key   | Every state   | (î.         |
| f INV LED is solid on and Cloud<br>it means the wifi module do not<br>vireless network successfully<br>or wrong password), please<br>ID and password you filled in ,<br>he work from step (4) | Wifi Mode Select     Parameter configuration success!       AP Mode Setting     Reboot module to take effect whether to restart the module?       Uart Settinig     Network Setting       Moduel Management     Hoduel Management |             |

| HD 4 <sup>G</sup> | 17:39 |
|-------------------|-------|
| $\bigcirc$        |       |
| • 中文 Englis       | sh    |
|                   |       |
| able              |       |
|                   |       |
| 0.200.200.0       |       |
| able              |       |
| B %               |       |
| 2.168.0.140       |       |
| 5.255.255.0       |       |
| 2.168.0.1         |       |
|                   |       |

Enable TCP client Connected Disable

853142 ms



# **Configuration after having well wiring.**

## 1.Set Roles : Set No.1 as 1-phase Primary or Master, and No.2 set as Sub inverter

| 8:36 PM 📣  | ⑦ .nll 奈 23 · | 8:34 PM   | ااا. ℃                   |
|--|---------------|---|--------------------------|
| K LU Section Contraction C | • (8)         | <pre> &lt; LU </pre> <pre> </pre> <pre> </pre> <pre> </pre> | * <u>8</u>               |
| Device: 1102011061   | READ ALL      | Device: 1102011001  | READ ALL                 |
| Time 2021-06-30 21:36  | SET           | Time 2021-06-30 21:34                                       | SET                      |
| Com Addr   | 1 SET         | Com Addr  | 1 SET                    |
| PV Input Mode Connect Different  | - SET         | PV Input Mode Connect Different                             | - SET                    |
| Start PV Volt(V)   | 100 SET       | Start PV Volt(V)  | 100 SET                  |
| CT Sample Ratio 1/1000   | SET           | CT Sample Ratio 1/1000                                      | ▼ SET                    |
| PV CT Sample Type PV Power   | SET           | PV CT Sample Type PV Power                                  | - SET                    |
| PV CT Sample Ratio 1/1000  | - SET         | PV CT Sample Ratio 1/1000                                   | ▼ SET                    |
| Standby / Normal   |               | Standby / Normal  |                          |
| Application Setting  | Collapse 🔺    | Application Setting   | Collapse 🔺               |
| Power Backup Enable  |               | Power Backup Enable   |                          |
| Fast Zero Export Enable  |               | Fast Zero Export Enable                                     |                          |
| PV Grid Off Enable   |               | PV Grid Off Enable  |                          |
| Feed-in Grid   |               | Feed-in Grid  |                          |
| Feed-in Grid Power Percent(%)  | 0 SET         | Feed-in Grid Power Percent(%)                               | 0 SET                    |
| System Type 1 Phase Primary  | SET           | System Type Subordinates                                    | ▼ SET                    |
| Composed Phase R P 🔻 R P   | SET           | Composed Phase R P 🔻 R P                                    | - SET                    |
| Micro-Grid Enable  |               | Micro-Grid Enable   |                          |
|  | र्ट्टे<br>Set |   | <del>දිරිදි</del><br>Set |

# Troubleshooting

E008(100): Description: Parallel CAN communication abnormal. Troubleshooting: 1. Check if the parallel cables are well connected. 2. Check if the DIP switches for resistance balancing are in correct position. E009 (300) : Description: System master lost Troubleshooting: 1. Check if you have configured a master already, if no, just set one of them as master 2. Check if the parallel cable between the master and the slave units are well connected. E010 (400): Description: Multi system masters Troubleshooting: Check if you have configured more than one master, if yes, just set one of them as slave inverter E011 (800): Description: AC input Inconsistent in Parallel System Troubleshooting: 1. Check if there are independent AC breakers for each inverter, make sure they are operated at one time, there will report this error if you turn on some, and some are off. E015 (8000): Description: Phase Error in 3 Phase System

Troubleshooting: Please check if the AC wires are correctly connected, do not reverse the L and N line. You can turn on AC input and check if the detected phase is correct. For example, if your system have only three inverters, the master unit will be default as R Phase, so another two should be S Phase and T Phase. They should not be repeated, or your need to "clear the detected phase" of this inverter and restart the inverter and again.