

# 1. 无线Wi-Fi配网

## 1.1 APP下载

**方法一** 扫码右方的二维码，下载APP。



**方法二** 扫描采集器上贴膜的二维码。

**方法三** 在应用市场中搜索名称为“Solar of Things”的APP进行下载。

## 1.2 注册账号



① 在APP首页，点击“注册”按钮，按提示填写相关信息，完成注册。

# 2. 配网和添加设备

## 2.1 Wi-Fi采集器连接路由器

① 采集器上电PWR指示灯亮起后，打开手机蓝牙和Solar of Things APP，点击“Wi-Fi配置”按钮，进入“搜索设备”页面，页面会自动显示出附近的蓝牙设备。



② 选择需要配网的采集器，进入配网页面，点击搜索图标，可以选择周边Wi-Fi热点名称。



## 2.2 添加设备

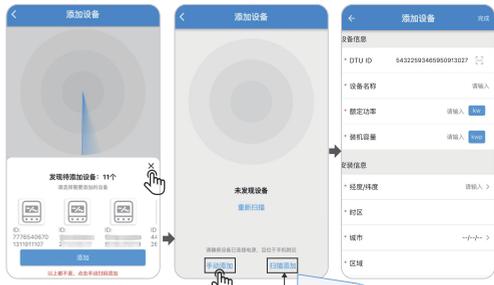
**方法一** ① 进入app首页，点击右上角“+”，进入设备添加页面，将手机靠近设备，APP自动扫描设备。

② 扫描到设备后，选择与采集器标签ID一致的ID，点击“添加”

**注：**扫描前请先确认采集器ID，若在机器表面未找到ID信息，可以在配网页面查看ID。



**方法二** “手动添加”，根据界面提示手动输入采集器ID、名称等信息，完成添加设备。



**方法三** “扫码添加”，扫描采集器贴膜的二维码ID号，进行对应采集器添加设备。



# 3. 采集器故障诊断和指示灯判断

## 3.1 采集器故障诊断

① 在设备配网完成或者失败后，可通过点击右上角的诊断，进行故障诊断。



## 3.2 采集器指示灯状态

**PWR (电源指示灯)：**

亮：供电正常  
灭：供电异常

**COM (串口传输指示灯)：**

灭：无数据交互  
亮 0.3 秒，亮 0.9 秒：串口输出数据  
亮 0.3 秒，亮 0.3 秒：串口接收数据  
常亮：双向收发。

**NET (网络状态指示灯)：**

灭 0.3 秒，亮 3 秒：STA 模式连接上路由器  
亮 0.3 秒，亮 0.3 秒：STA 未连接上路由器

**SRV (服务器连接指示灯)：**

亮：已连接到服务器  
灭：未连接到服务器

# 1. Wireless Wi-Fi Distribution Network

## 1.1 APP Download

### Method 1

Scan the QR code on the right, download the app.



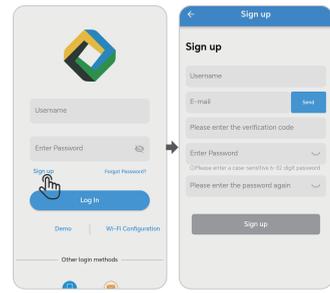
### Method 2

Scan the QR code of the film on the collector.

### Method 3

Search in the application market to download the APP named "Solar of Things" for download.

## 1.2 Registered Account



① On the App home page, click the "Sign Up" button, fill in the relevant information according to the prompt, and complete the registration.

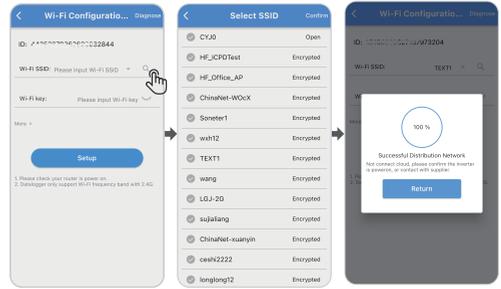
# 2. Supporting Network And Adding Device

## 2.1 Wi-Fi Collector Connection Router

① After the PWR indicator on the collector is on, turn on the mobile phone Bluetooth and Solar of Things App, click the "Wi-Fi Configuration" button to enter the "Searching" page, and the page will automatically display the nearby Bluetooth device.



② Select the collector that needs to be distributed, enter the matching webpage, and click the search icon. You can choose the Wi-Fi hotspot name.

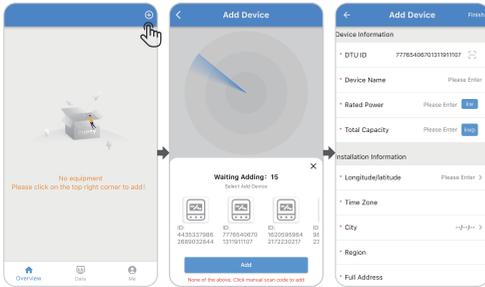


## 2.2 Add Device

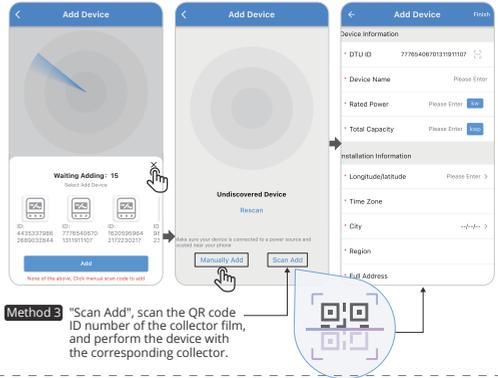
**Method 1** ① Enter the homepage of the APP, click "+" in the upper right corner, enter the device to add the page, close the mobile phone close to the device, and the app scan the device automatically.

② After scanning to the device, select the ID that is consistent with the ID of the collector tag, and click "Add"

**Note:** Please confirm the collector ID before scanning. If the ID information is not found on the surface of the machine, you can view the ID on the matching page.



**Method 2** "Manually Add", complete the adding device according to the interface prompt manual output collector ID, name and other information.

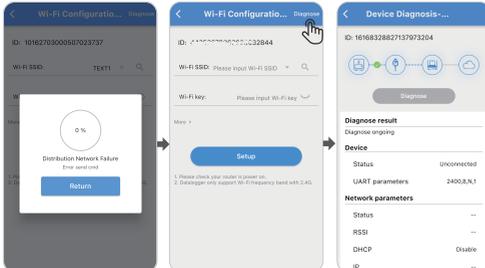


**Method 3** "Scan Add", scan the QR code ID number of the collector film, and perform the device with the corresponding collector.

# 3. Collector Fault Diagnose And Indicator Light Judgment

## 3.1 Collector Fault Diagnose

① After the wireless distribution network is completed or failed, you can make a failure diagnosis by clicking on the upper right "Diagnose".



## 3.2 Collector Indicator Status

### PWR (power indicator light):

On: normal power supply  
Off: abnormal power supply

### COM (serial port transmission indicator):

Off: Number of data interaction  
Off for 0.3 seconds, on for 0.9 seconds: serial output data  
Off for 0.3 seconds, on for 0.3 seconds: serial port receiving data  
On: Two-way receiving and receiving

### Net (network status indicator):

Off for 0.3 seconds, on for 3 seconds: STA mode connects the upper router  
Off for 0.3 seconds, on for 0.3 seconds: STA is not connected to the upper router

### SRV (server connection indicator):

On: Has been connected to the server  
Off: Uninterrupted to the server