

# JKS-WIFI-BI

## Quick Installation Guideline

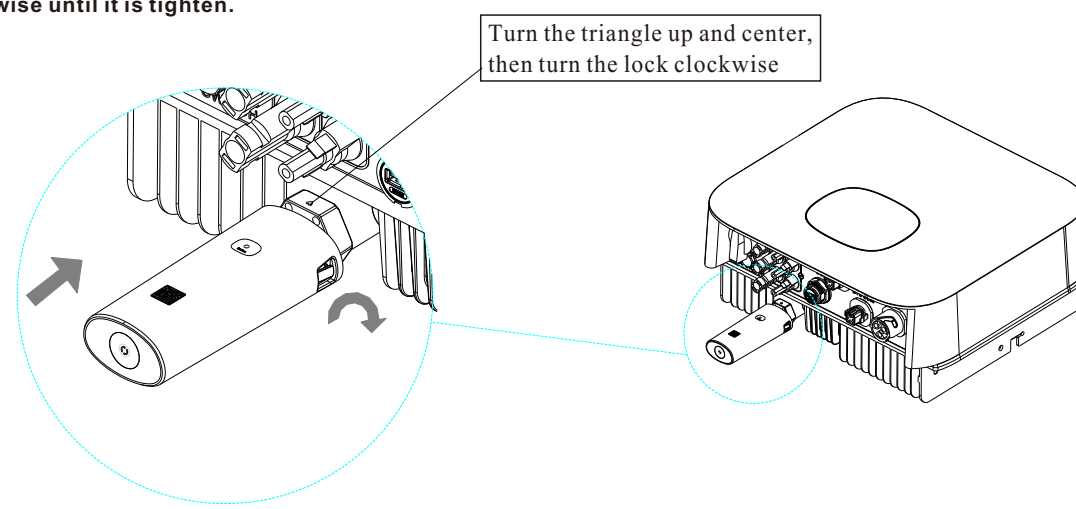
For more info, please download from <http://pvplusanz.jinkosolar.com>

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### Step 1. Electrical Connection

1. Rotate counterclockwise to unscrew the upper cover of the photovoltaic equipment USB interface ;
2. Rotate the datalogger locker on the upper, make sure the triangle is on the front side and in the middle;
3. Connect the datalogger to the inverter USB port, make sure the triangle is on the front side, press the locker and rotate clock-wise until it is tighten.



### Step 2. Turn on Inverter and Check the Connection Status

After installing the JKS-WIFI-BI module, turn on the inverter, then the red LED flashing indicates the inverter and JKS-WIFI-BI communication is normal for the first time installation.

LED State	Indication
ALL Three LED Off	JKS-WIFI-BI not connected well with inverter USB port
Only Red LED Flashes	The communication between JKS-WIFI-BI and inverter is OK
Only Green LED Flashes	The communication between JKS-WIFI-BI, inverter and router is OK
Only Blue LED Flashes	The communication between JKS-WIFI-BI, inverter, router and server is OK

### Step 3. Play Store to Download the APP

Scan the QR code below to download "PV PLUS ANZ", also you can search "PV PLUS ANZ" in iOS or Google Play Store, download.

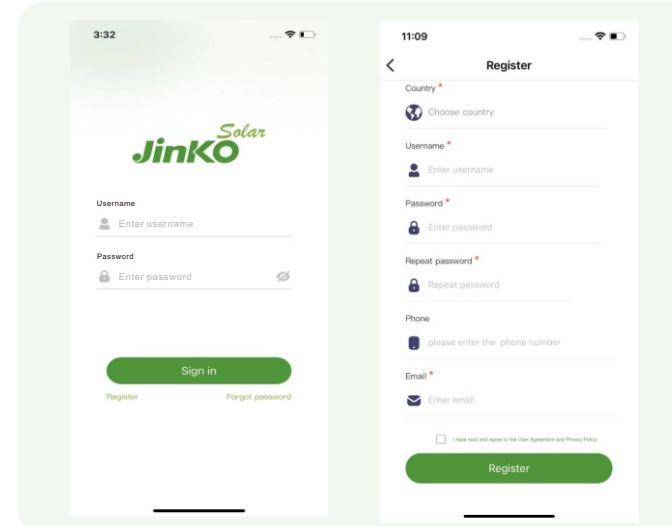
- Note: 1. The APP make sure you download the latest version  
2. For further information please visit : [pvplusanz.jinkosolar.com](http://pvplusanz.jinkosolar.com)



[Android & iOS]

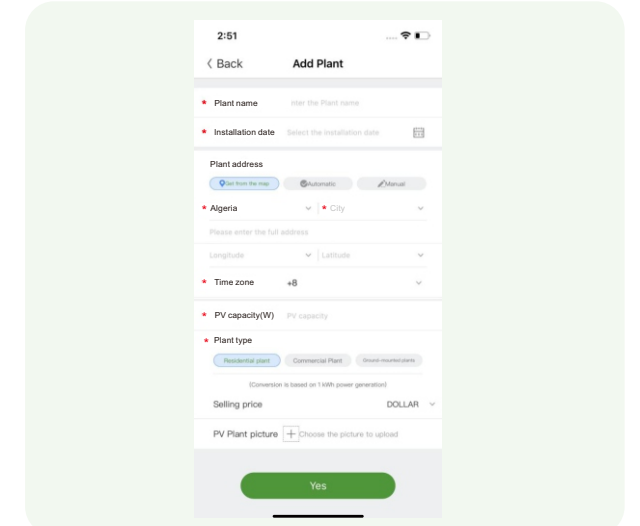
### Step 4. Registration

1. First connect the phone to a router with a wireless network;
2. Run the Jinko APP and enter the registration page;
3. Fill in the registration information and click to register.



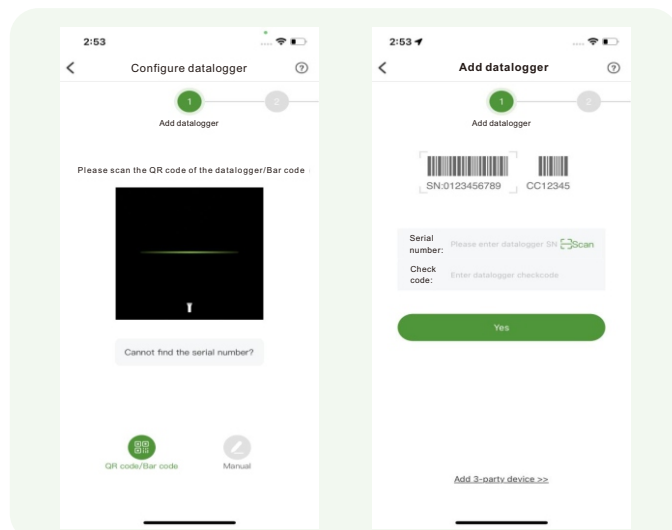
### Step 5. Add Plant

1. Enter the Add plant page ;
2. Fill the plant information;
3. Click to add the plant.



### Step 6. Add Datalogger

1. Enter the add datalogger page;
2. Scan the serial number or manually enter serial number and verification code;
3. Complete the adding.



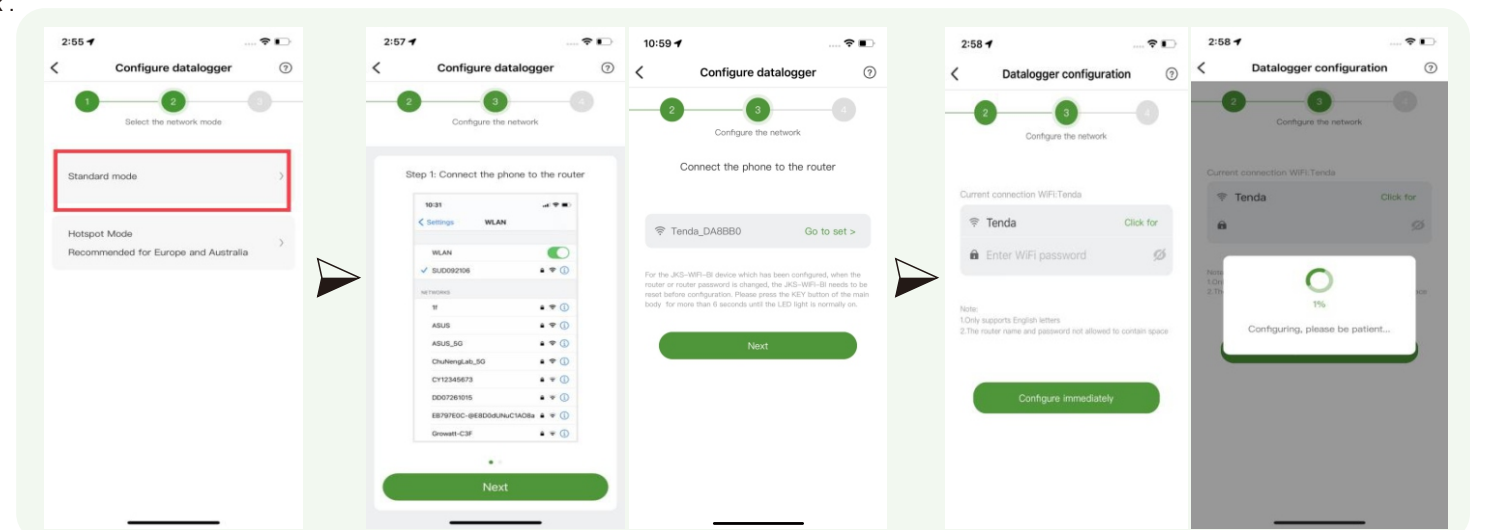
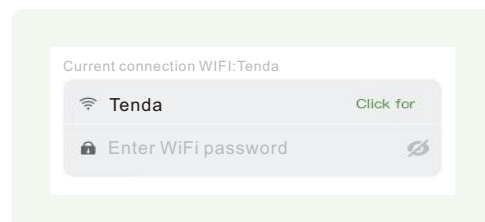
### Step 7. Network Mode Configuration

- Use the Standard Mode to Take the Configuration

#### Configuration Boot

- Step 01: Connect the Phone to the Router;  
Step 02: Go to Settings Page Configuration Network .

**Connect Router to Configure the Network**  
Select the home router to connect and enter the password.

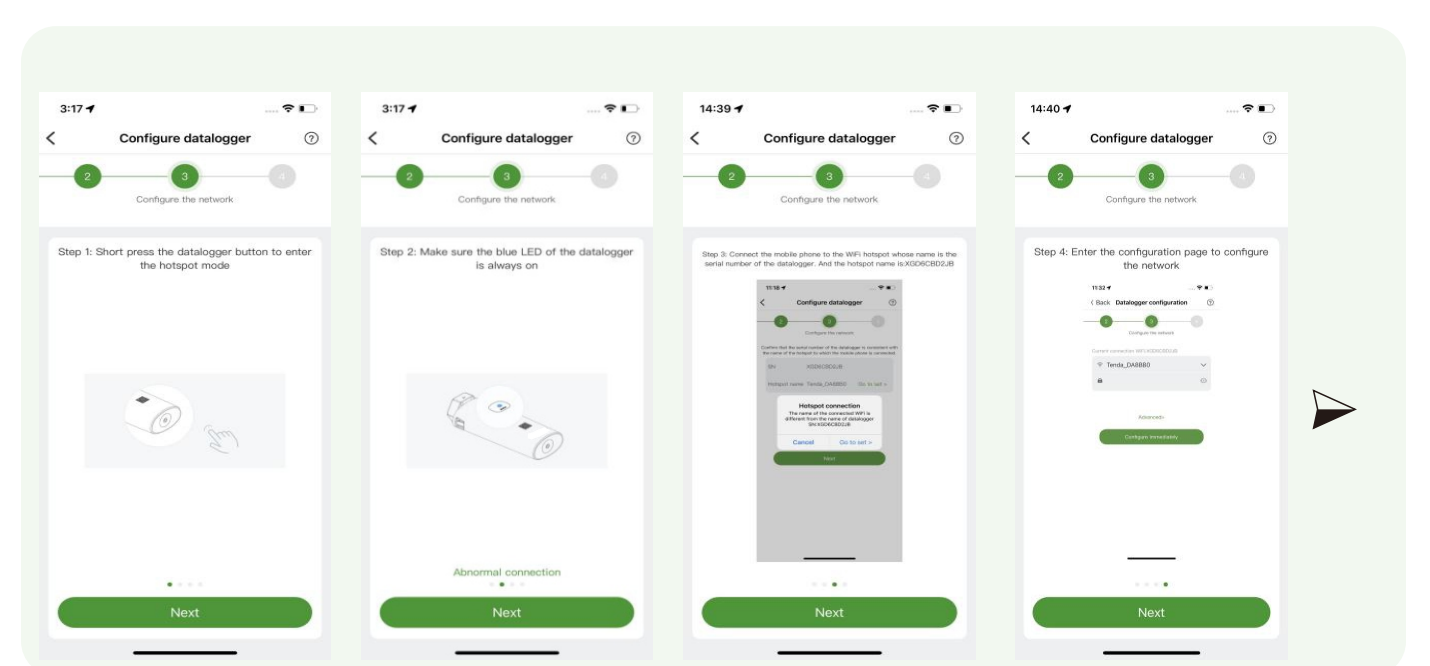
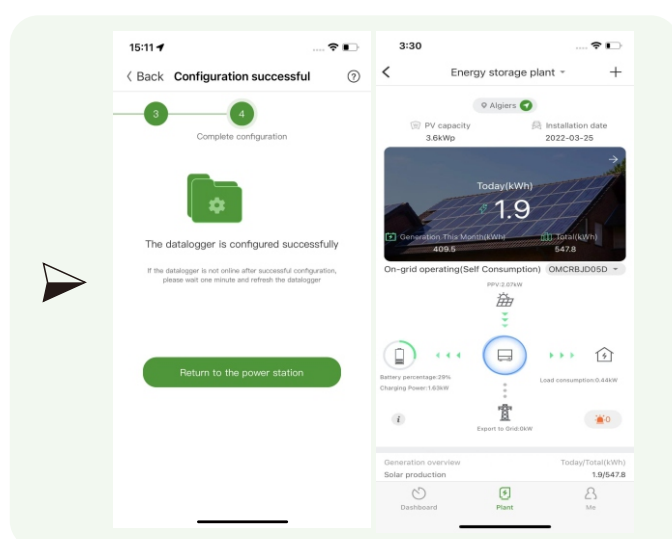
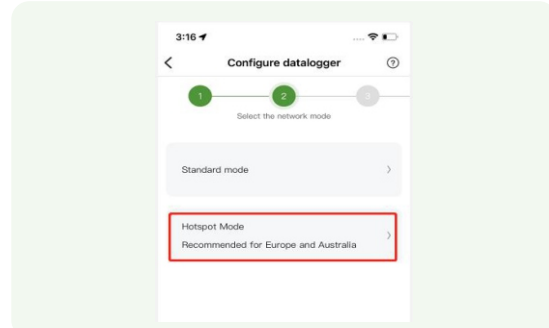


- Use the Hotspot Mode to Take the Configuration

#### Configuration Boot

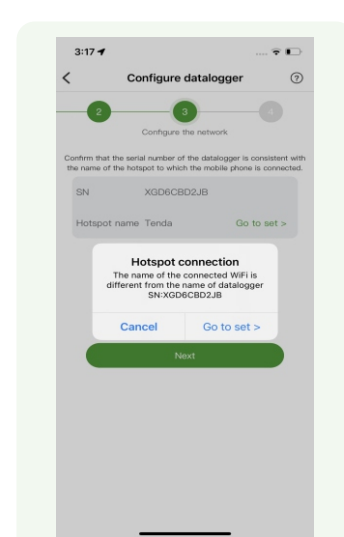
- Step 01: Press the datalogger button to enter the Hotspot Mode;  
Step 02: Check the blue LED of datalogger is always on or not;  
Step 03: Connect the mobile phone to the WiFi which has the same name with the SN of datalogger;  
Step 04: Enter the settings page take the local network configuration.

**Connect with the Wifi Which named with the SN of Datalogger and Take the Configuration of Network**

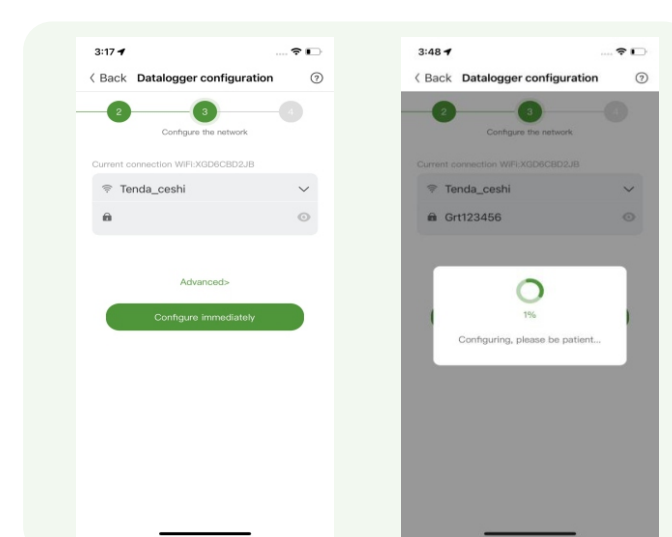


- Choose the Hotspot Mode to Take the Configuration

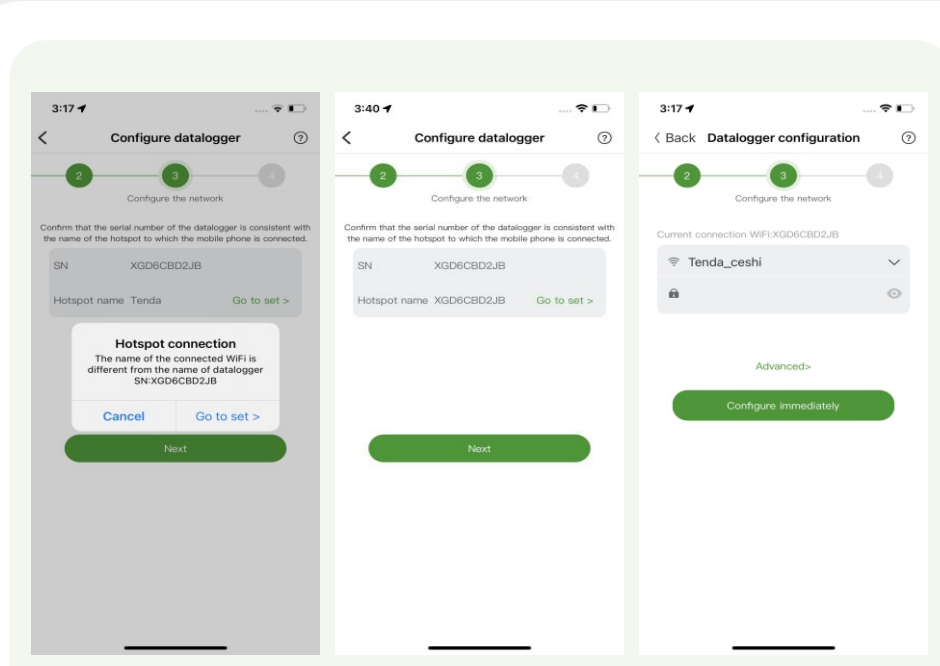
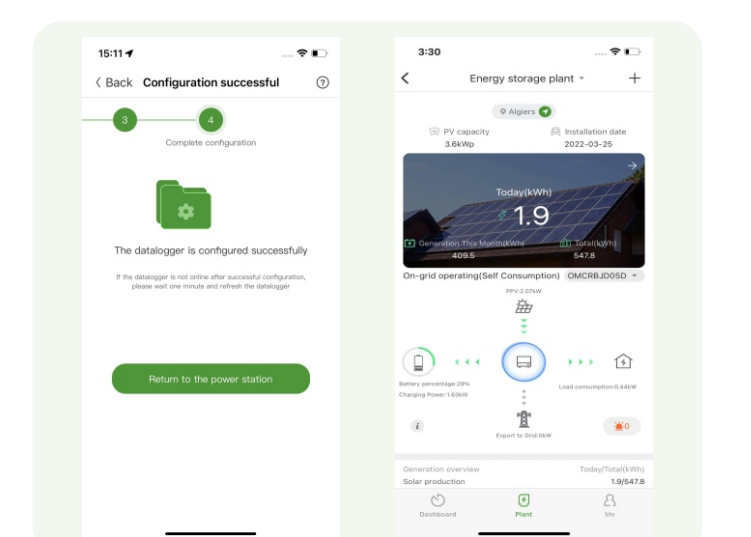
#### Datalogger Version Detection



#### Connect to the Router to Take the Network Configuration

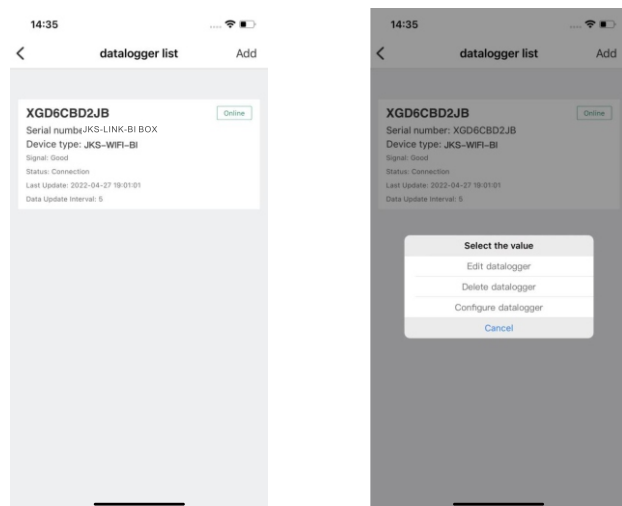


#### Network Configuration Successful, Back to the Plant



## Step8. Check the Status of Datalogger

1. Log in your account, enter the my plant page, click the "+" to check the datalogger list;
2. Edit, configure or delete the datalogger.



## Step9. Turn on Inverter and Check the Connection Status

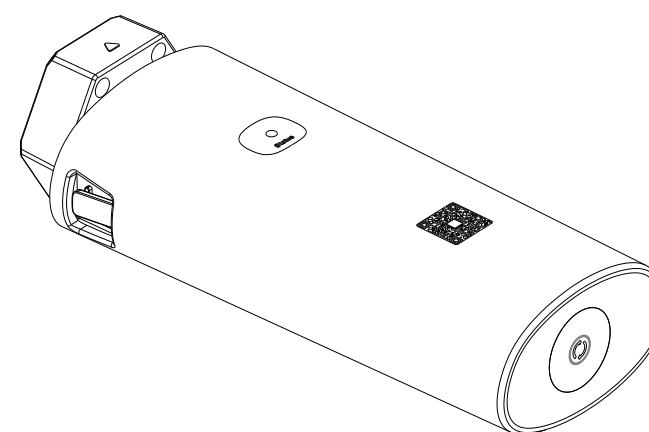
### Indicator Troubleshooting

LED Status	Indication	Troubleshooting
All Three LEDs are off	Datalogger can not find inverter via RS232/USB port	Check the connection status is well or not of the RS232 or USB port
More than 3mins after Configuration, Still Only Green LED Flashes	JKS-WIFI-BI has been connected to the router, but not connected to server	Check if home router is connected to the internet Check if the router firewall allows to select port 5279 and 5280
After Configuration, Only Blue LED Flashes	JKS-WIFI-BI communicates well with inverter, router, and server	Normal working state
Red LED Always ON	JKS-WIFI-BI module error	Need to replace a new JKS-WIFI-BI
Green LED Always ON	JKS-WIFI-BI can't connect to the home router	<p>Check router information:</p> <ul style="list-style-type: none"> <li>·Router name should consist of English letters and numbers, it does not support special symbols</li> <li>·For safety reason, please use encrypted wireless network</li> <li>·It does not support public network that use secondary authentication</li> </ul> <p>Check if you filled in the correct name and password of the home router when configuring it</p>
Blue LED Always ON	JKS-WIFI-BI module is in Hotspot Mode	Which means the datalogger is in the Hotspot Mod

### Indicator Troubleshooting

Button Operation	Description
When the JKS-WIFI-BI is working normally, click the button on the JKS-WIFI-BI (the JKS-WIFI-BI indicator changes from flashing to normal)	Enter the Hotspot Mode; The Hotspot Mode is a debugging mode, nonprofessional people are not suggested to use
When the JKS-WIFI-BI is in the Hotspot Mode, click the button on the JKS-WIFI-BI. (the indicator will change from normally on to flash)	Exit Hotspot Mode
Press the button for 6s until three LED normally on, then release	Reset the datalogger, restore factory settings

## Step10. Product Picture



## Step11. Frequently Asked Questions

- 1 Rest the Datalogger?**
  - 2 Router Change or the Password of Router Change?**
  - 3 The Supported Characters for Router and Router Password.**
  - 4 The Datalogger Has Been Existed?**
  - 5 The Indicator of JKS-WIFI-BI Shows It Has Been Disconnected.**
  - 6 Supported Router Bands?**
- 1 After changing the router or router password, the datalogger all need to be reset, press the button for 6s until three LEDs normally on, then release. Click the top right corner "+" of the APP "My plant" page to enter the "datalogger list", then click the SN of datalogger to take the configuration;**
  - 2 For the JKS-WIFI-BI that has been configured, when the router or router password is changed, the JKS-WIFI-BI needs to be reset before configuration. Please press and hold the KEY button on the datalogger for more than 6 seconds until 3 lights are constant on. Then release the button immediately. Start to reconfigure the network**
  - 3 The router name and router password only support the combination of number, letter, and English punctuation**  
**The supported punctuation: (.,?!:@;+=#/()\_-`^\*&..\$<>[]{});**  
**Unsupported punctuation: ("...€%¥\") Router name and password can not have space symbol;**
  - 4 ·Go back to the application to the plant and find the datalogger list;**  
**·Click on the corresponding datalogger and configure it again;**  
**·If you can't find the datalogger, please contact with Jinko;**
  - 5 · Check the status of the indicator of the datalogger, and deal with it according to the following corresponding status The indicator lights out:**  
**· Check if the inverter is on;**  
**· Try to unplug the power;**  
**· The indicator lights green flash, indicating that the router has been connected, not connected to the Internet;**  
**· Please check your router settings or configure again;**  
**· The indicator is green and always on, indicating that the router is not connected / the signal is not good. Check whether the router is on or the datalogger is far from the router;**  
**· Indicator lights flashes red: please follow the manual to take the datalogger configuration;**  
**· Indicator light is normally red, please contact the Jinko;**  
**· Indicator light is normally blue, indicating that the datalogger in the Hotspot Mode, try to press the**  
**· button to switch to Hotspot Mode;**
  - 6 JKS-WIFI-BI only supports 2.4 Ghz band WiFi signal, not 5GHz; please check if the router's current band contains 2.4 GHz.**