

Solar Inverter

-WIFI PLUG

User Manual

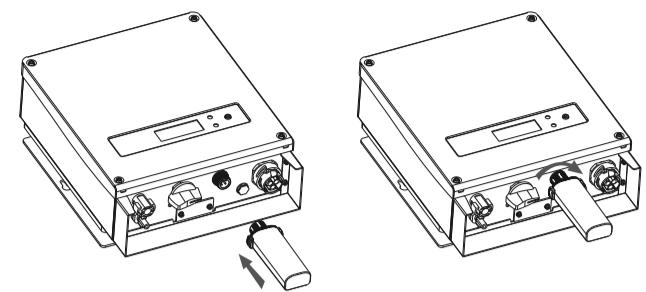
1. Introduction

KSM-WiFi-Plug is used in KSG series inverter to realize monitoring, the inverter can send information to internet through WiFi plug, and Users can through website and apps to check the inverter information by logging in the monitoring center (<http://solar.kstar.com/>).

2. Installation

The interface on KSG series inverter contain WiFi/GPRS terminal, connect the WiFi plug to inverter, and follow the steps as below.

- Connect the WiFi plug to WLAN/GPRS port.
- Fasten the WiFi plug.



3. WiFi Setting

After WiFi plug insert into the inverter, it will start up automatically, then the users can set up wireless network connection to WiFi via a smart phone, iPad, or laptop computer.

Click Setting---Select WLAN---Start WLAN to search---Click to connect WiFi ---Connection success

NOTES: The WiFi number is the serial number of WiFi plug.

4. Ksolar plus APP Download

1)Ksolar plus iOS APP download.



iOS QR code

2)Ksolar plus Android APP download



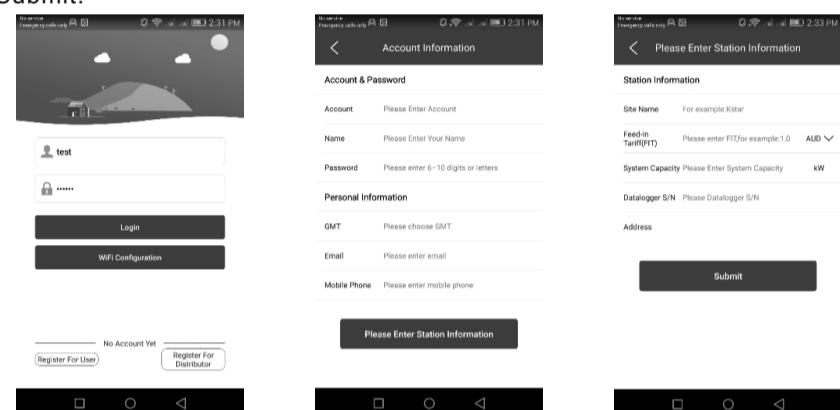
Android QR code

5. Register on Ksolar plus monitoring

Open APP, click "End User Registration" and fill in the information at the prompt (be sure to fill in the real information); Android and iOS have the same registration and login operations as Android.

5.1 End user registration

- Click Register For User
- Enter account, name, password, GMT, email and cell phone numbers, then click Please Enter Station Information.
- Enter site name, feed-in tariff, system capacity, datalogger S/N and address, then click Submit.

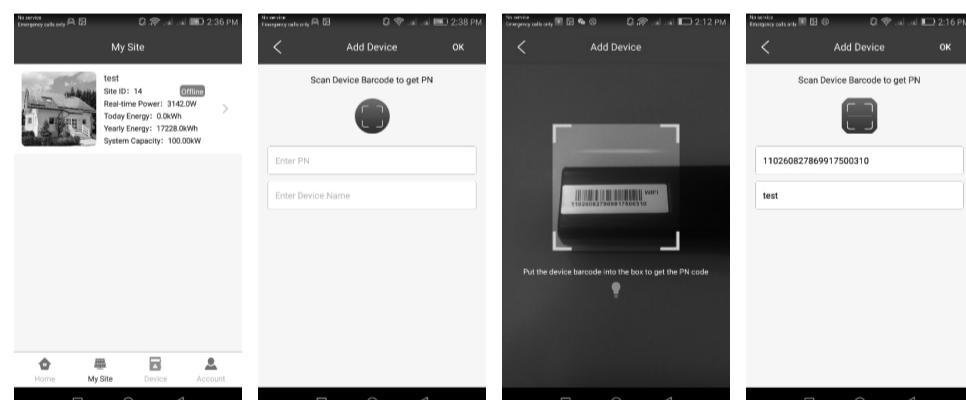


5.2 Add collector

1)After login, enter the chart page of the power station and click "+" to add the device.

2)By scanning the bar code on the collector to add.

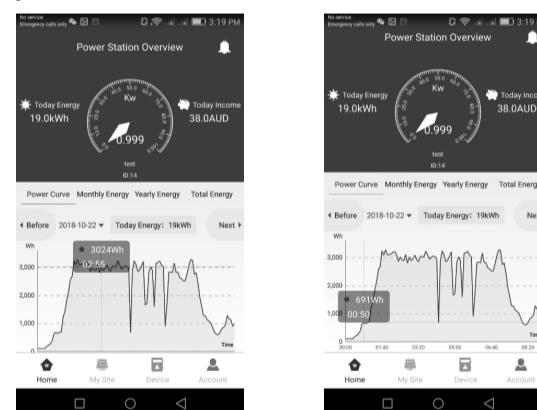
3)You can also add devices by manually entering the collector bar code, filling in the device name, and then clicking OK.



6. APP Function Introduction

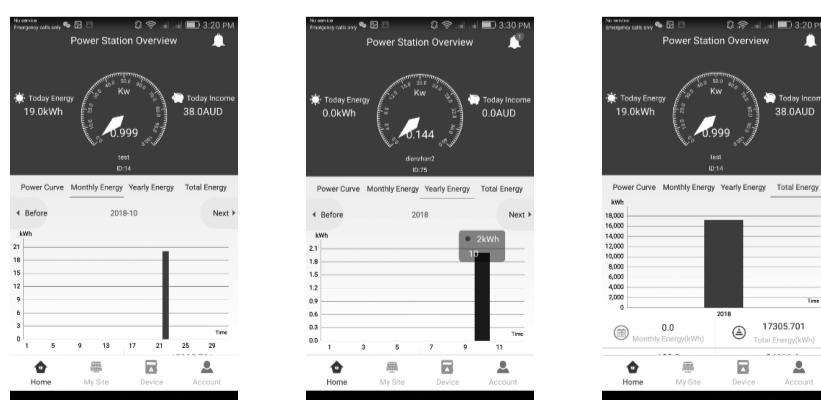
6.1 Power Station Overview

1)The Power Station Overview page displays today's power generation, real-time power, and today's benefits of the current user's inverter with numerical values.

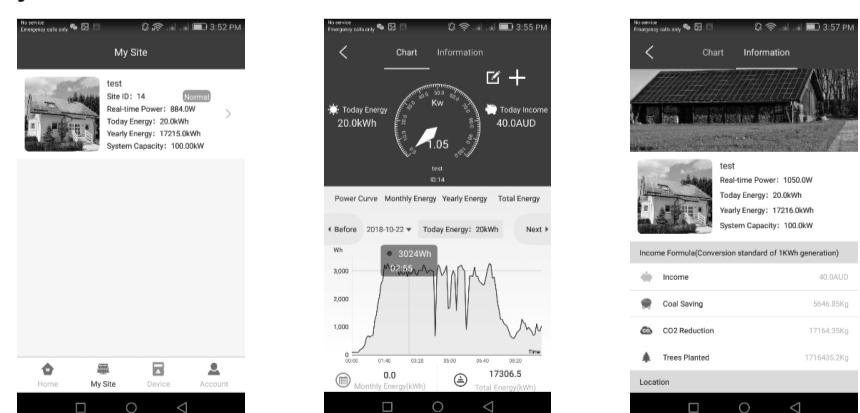


2)The power plant overview page shows the current power curve, monthly output, annual power generation and total power generation.

3)The Power Station Overview page displays the monthly, total, installed capacity, total revenue, annual output of the current user's inverter with numerical values to reduce deforestation.



6.2 My Site



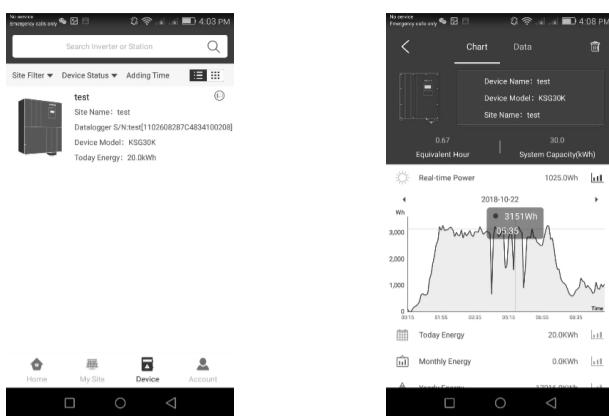
List of plant

overview

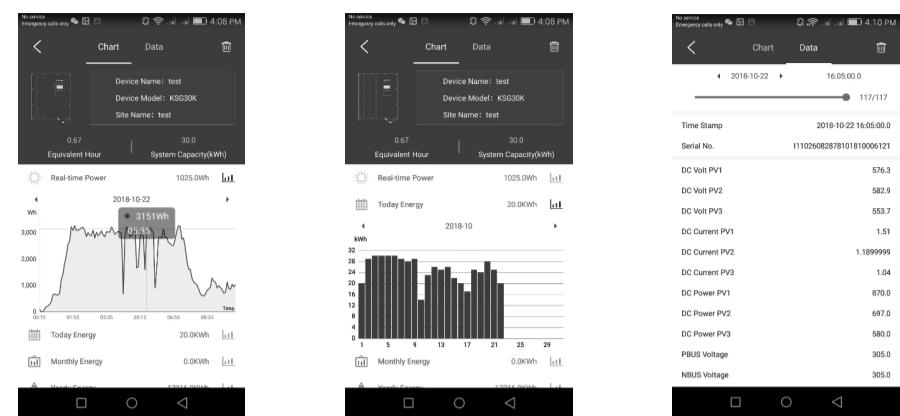
information

6.3 Device page

- 1)The equipment list shows the details of all the equipment.
2)The chart page of the device displays the details of the current device.

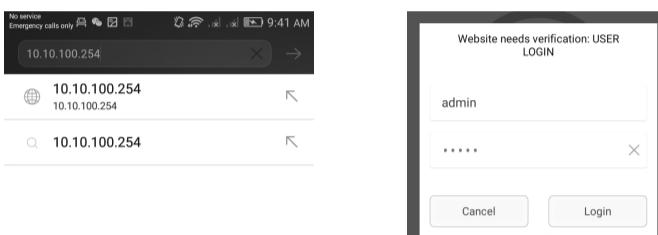


- 3)The chart page chart of the device shows the details of the current device.
4)The data page of the device shows the historical data of the current inverter.

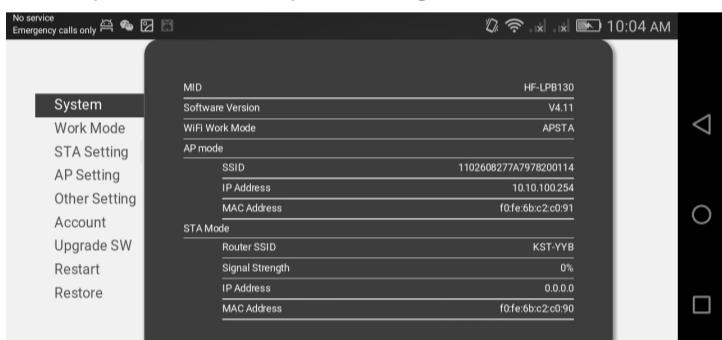


7.Web setting

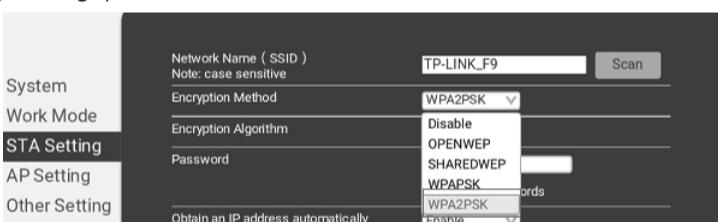
- 1)Open mobile browser, and enter 10.10.100.254.
2)Fill in username and password, admin as default.



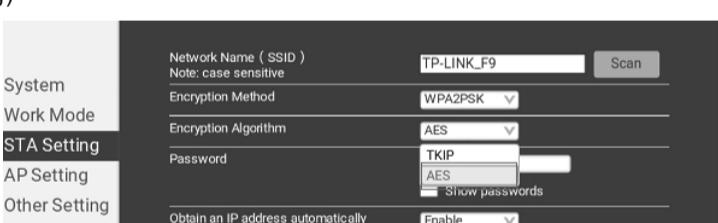
- 3)Follow the setup wizard to start quick setting.



- 6)Encryption generally selects WPA2PSK (determined according to the actual routing settings).



- 7)Encryption algorithm generally selects AES (this also determines the setting of routing)

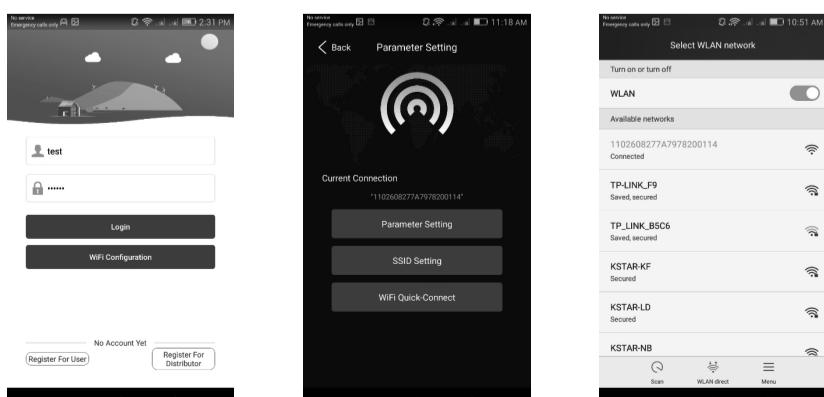


- 10)Restart the process, the WIFI connection will be off, restart is completed, you can reconnect the WIFI-PLUG, enter the 10.10.100.254 log in and view WIFI is connected successfully again in the browser.

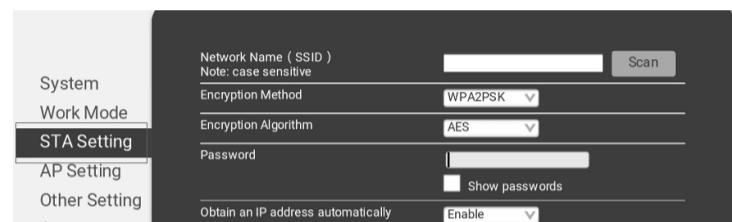
- 11)If the IP address is successful, it means the settings are successful.

8.Remote setting

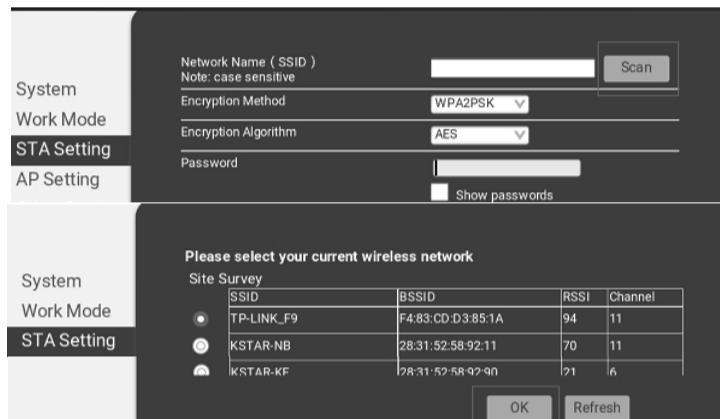
- 1)Open the Ksolar plus APP, Click the “WiFi Configuration”.
2)WiFi Quick-Connect ,connect to the inverter.



- 4)Select STA Setting and enter the SSID and password settings interface of WIFI-PLUG.



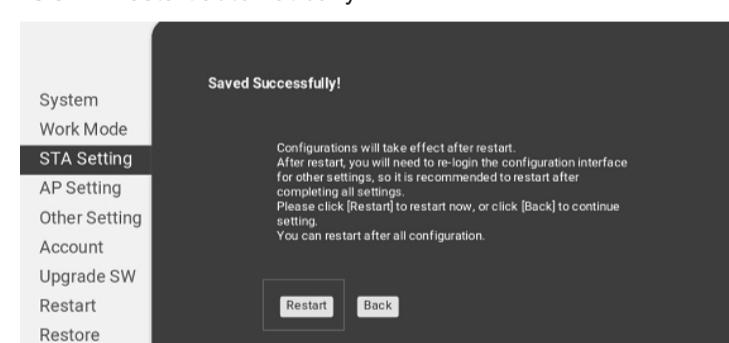
- 5)Click Scan the nearby WiFi, then select WIFI and click OK.



- 8)Enters the password, and then click Save.

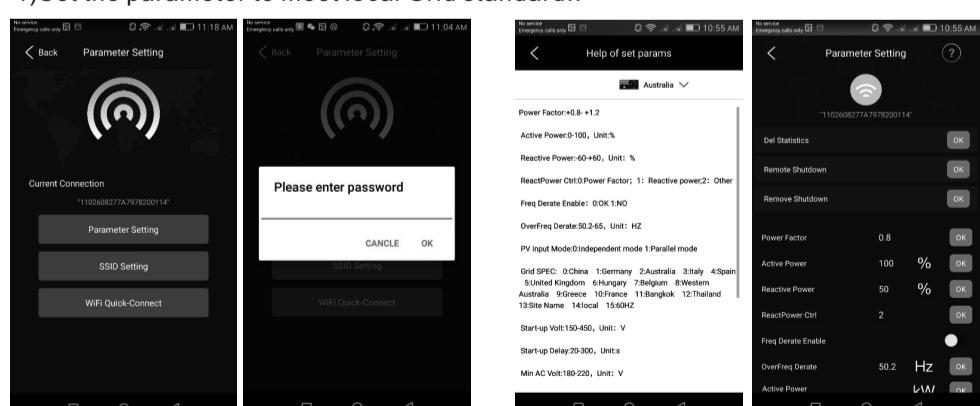


- 9)After clicking Save, you will be prompted to restart, then click the Restart, and WIFI-PLUG will restart automatically.



- 3)Click Parameter setting, input password, then you can set the inverter inside parameter.

- 4)Set the parameter to meet local Grid standard..



9.Trouble Shooting

Status	Description	Solution
The light flashes once	Normal	The connection is successfully done
The indicator flashes twice continuously	Abnormal	Check whether the collector is added in the APP or system
The indicator flashes three times continuously	Abnormal	Check whether the inverter 485 address is 1 and the communication Baud rate is 9600