



HCFA Micro Photovoltaic Inverter

Mobile APP

User Manual

Android APP



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iOS APP



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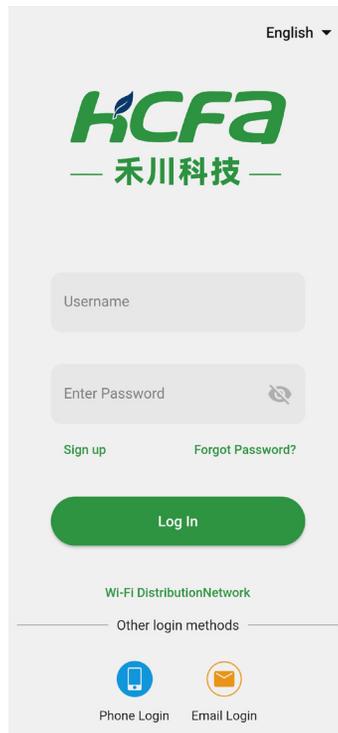
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Chapter 1 Account login and register

1.1 Login page

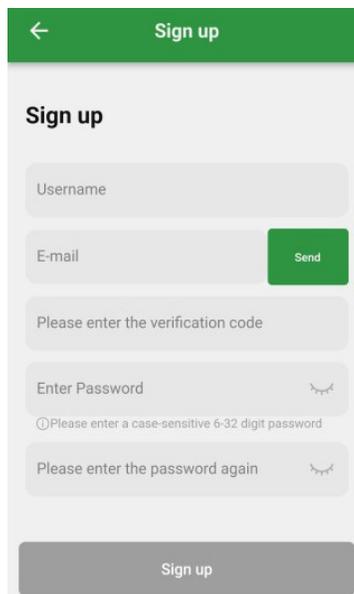
If you have already created an account, just log in to the corresponding account directly.



The screenshot shows the login page for HCFA (禾川科技). At the top right, there is a language selector set to "English". The logo "HCFA" and "禾川科技" are prominently displayed. Below the logo are two input fields: "Username" and "Enter Password" with a toggle for visibility. There are links for "Sign up" and "Forgot Password?". A large green "Log In" button is centered. Below this, there is a section for "Wi-Fi DistributionNetwork" and "Other login methods" which includes icons for "Phone Login" and "Email Login".

1.2 New user registration

(taking mobile phone number registration as an example) fill in the account number, mobile phone number, enter the verification code, enter the login password, and finally click register. You can also register via email.

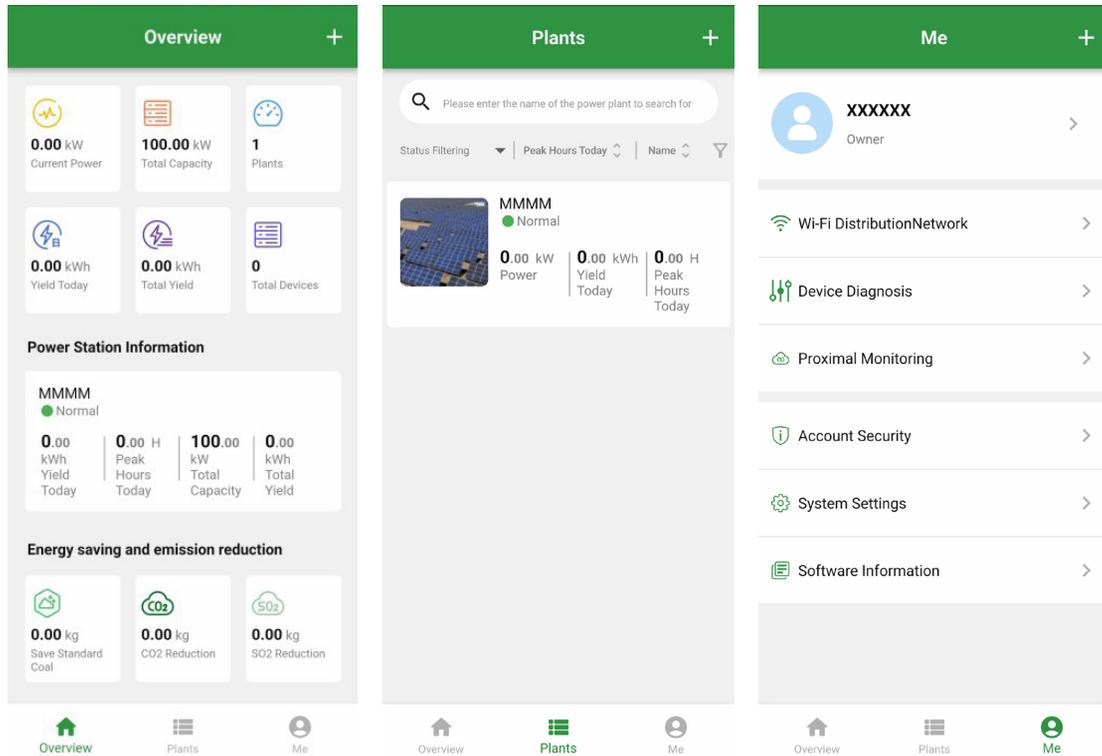


The screenshot shows a mobile registration form titled "Sign up". It has a green header with a back arrow and the text "Sign up". The form contains several input fields: "Username", "E-mail" (with a green "Send" button), "Please enter the verification code", "Enter Password" (with a toggle for visibility and a note: "Please enter a case-sensitive 6-32 digit password"), and "Please enter the password again" (with a toggle for visibility). A large grey "Sign up" button is at the bottom.

*Note: If the supplier has created a power station user or has created a power station user by yourself, you can directly log in to the account directly.

1.3 Introduction to the user account interface

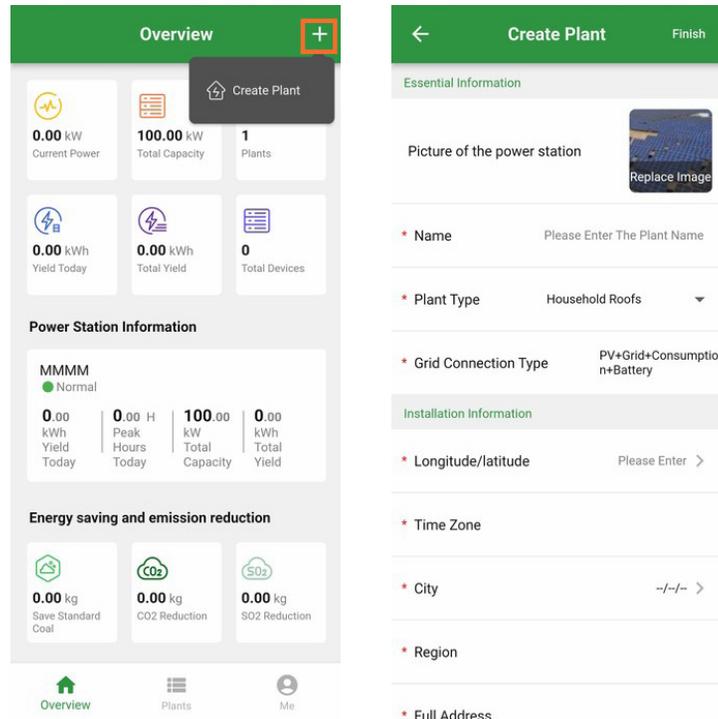
The overview page contains information such as the total installed capacity, cumulative power generation, number of power stations and equipment under the account. The power station list is a list of all existing power stations displayed by power station users. Me page displays functions such as owner information and communication settings, system settings, etc.



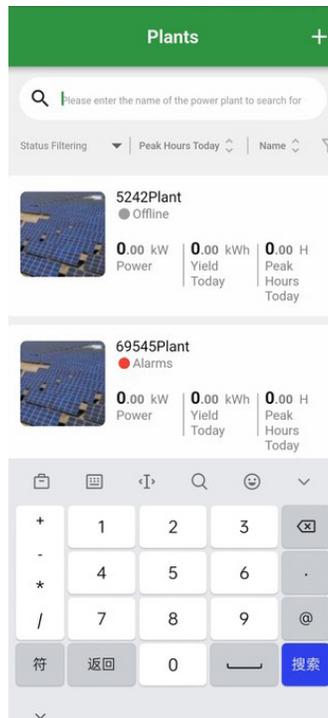
Chapter 2 Add a power station to your account

2.1 Add a power station

Click the "+" sign in the upper right corner of the overview page, and "Add Power Station" will pop up. Click the pop-up window to enter the add power station page. Multiple power stations can be added under one account and the power station data can be summarized.



Enter the necessary information about the power station and click Finish. For example, the power station in the picture below is named MMMM. Please fill in the correct installed capacity.



2.2 Power station page

Click MMMM in the list of power stations in the above figure to enter the corresponding MMMM page, which provides vital information about the power station, featuring real-time data, an alarm list, equipment management, and a comprehensive information interface.



Chapter 3 Add device to the power station

3.1 Add device

Click the "+" sign in the upper right corner of the corresponding power station page, scan the DTU ID barcode on the back of the device, and then fill in the device information to complete device addition.

The screenshot shows a mobile application interface for adding a device. At the top is a green header bar with a white left-pointing arrow and the text "Add Device". Below this are four rows of input fields, each with a label on the left and a value or placeholder on the right:

- DTU ID:** 56418819177623784906
- Rated Power:** Please Enter kW (where "kW" is in a green box)
- Belong Plant:** MMMM
- Device Name:** Please Enter

At the bottom of the form are two buttons: a grey "Return" button and a green "Confirm" button.

Chapter 4 Device WIFI distribution network

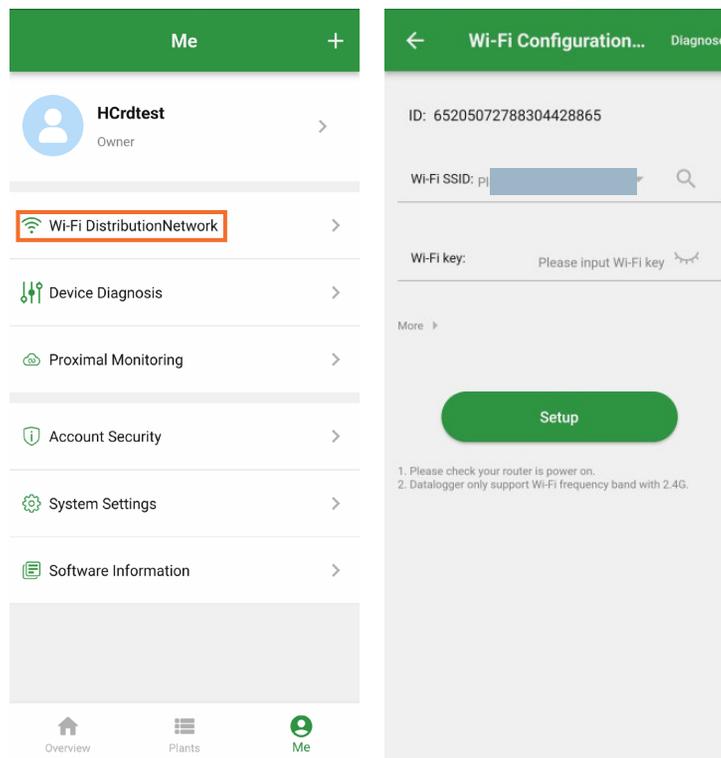
4.1 Distribution network preparation

(1) WiFi-2.4G signal is required. If the router is too far away from the device and the signal weakens, the distribution network may fail. A repeater can be used to enhance the WIFI signal. When distributing network, it is recommended to be within a 10 meter range of the equipment.

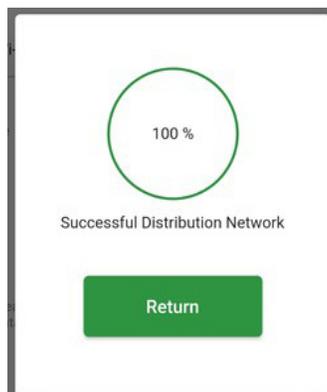
(2) The microinverter needs to be powered normally, the photovoltaic panel should be sufficiently exposed to sunlight, the PV line should be correctly connected to the device, and the device indicator light should be on.

4.2 Distribution Network Steps

Firstly, turn on the phone's Bluetooth, then open the app "My" interface, click on WiFi, select the same DTU ID as the device to be configured, select the corresponding 2.4G WiFi, enter the password, and finally click on Setup. If a successful prompt pops up, then the network configuration is completed.



After installing each device, you need to configure the network. After the network configuration is completed, the device status can be monitored normally on the mobile APP.

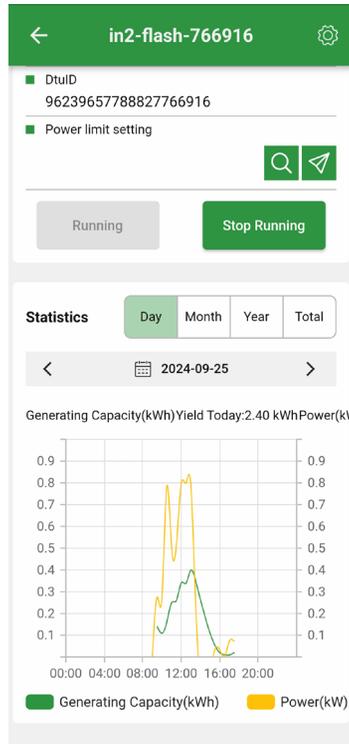


Chapter 5 Query the status of power stations and equipment.

Introduction to common functions for power station users: query of power generation data, search for equipment, and equipment diagnosis.

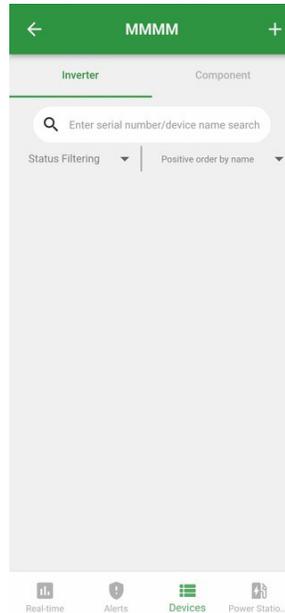
5.1 Power generation data query

Select any device in the power station to view the historical power generation of that device.



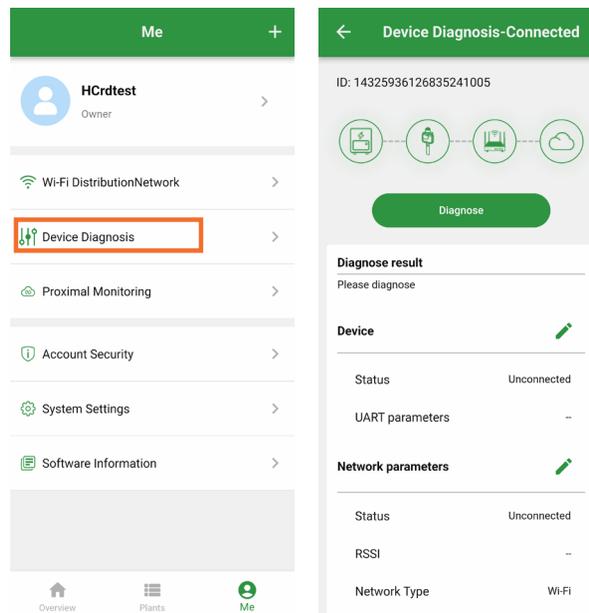
5.2 Search for device

In the power station-device list, you can quickly search for the device based on the serial number or device name through the search box above.



5.3 Device Diagnosis

In APP-Me-Device Diagnosis (note that this function requires turning on the Bluetooth function of the mobile phone), you can scan the device DTU ID QR code or manually enter the DTU ID, click to connect the corresponding device, and click Diagnosis to determine the reason why the device is offline. and then correspondingly solve the device fault.



Innovation Integrity Service



HCFA



HCFA_ATC



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