# HYXI Intelligent Cloud

**Version Statement**



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## 1 About the manual

### 1.1 Manual Content

This manual introduces the function introduction and operation process of HYXI APP, to facilitate users to operate and manage HYXI 6.0 and meet users' use requirements.

### 1.2 Overview

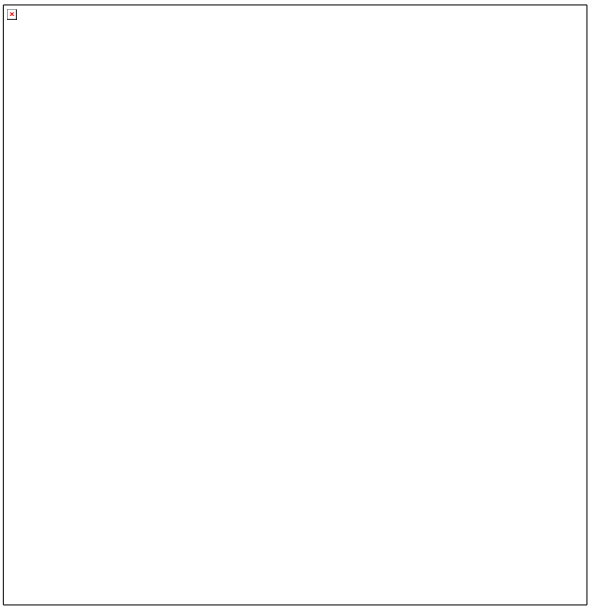
HYXI cloud platform (APP version) is a new generation of new energy intelligent cloud platform developed by HYXI Technology. The product integrates real-time monitoring, intelligent alarm, remote control, efficient operation and maintenance, remote upgrade and statistical analysis. It can monitor the running status of inverters, components and batteries in real time, automatically calculate the income according to the power generation situation, realize the rapid positioning of plant faults, and assist operation and maintenance personnel to quickly complete the fault disposal work. The system adopts the leading cloud computing platform, the data is safe and reliable, the interface is clear and intuitive, and the operation is convenient.

## 1.3 Applicable Content

HYXI APP is suitable for users who purchase HYXI GPRS/4G, WI-FI, network cable version data collector or data manager and inverter. The plant data monitored by the data collector or data manager is uploaded to HYXI APP for viewing, and can be logged in through APP. It is used to monitor the plant for visual analysis and management of plant data.

## 1.4 Applicable Requirements

Apple mobile phone: Apple application market, search keyword “HYXI”; overseas Android Google application market: search keyword “HYXI” download domestic Android mobile phone: scan the QR code, use the default browser to open the download installation package.



## 1.5 For Readers

This manual is mainly aimed at the owner users who HYXI APP to access and manage. Need to have a certain network knowledge, familiar with the company' s related products.

## 1.6 Manual Usage

Please read the manual carefully before using the product and keep the manual in an accessible place.

The contents of the manual will be constantly updated and corrected, but it is inevitable that there are slight discrepancies or errors with the real thing. Users should take the purchased products as the standard, and can download the latest version of the user manual through the **hyxipower.com** service support download center or sales channels.

# 2 Login

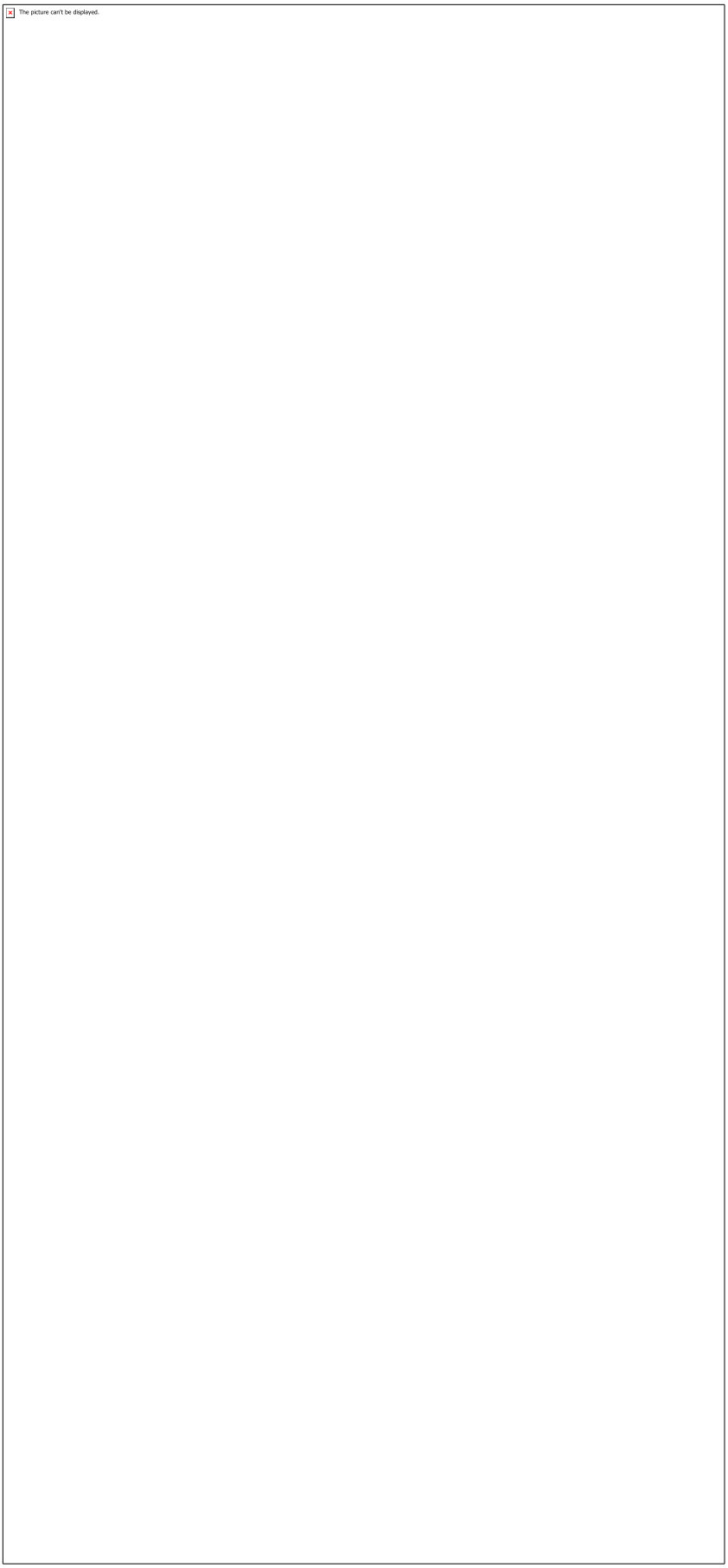
## 2.1 Account Registration

**Function Introduction**

How to register an account.

**Operation Steps**

Step 1: Click "Register Now" to enter the select role page;
Step 2: Click Register Owner Card, and proceed to the owner registration page;
Step 3: Enter the registration information. Registration information includes: country/region, email, verification code, password, nickname.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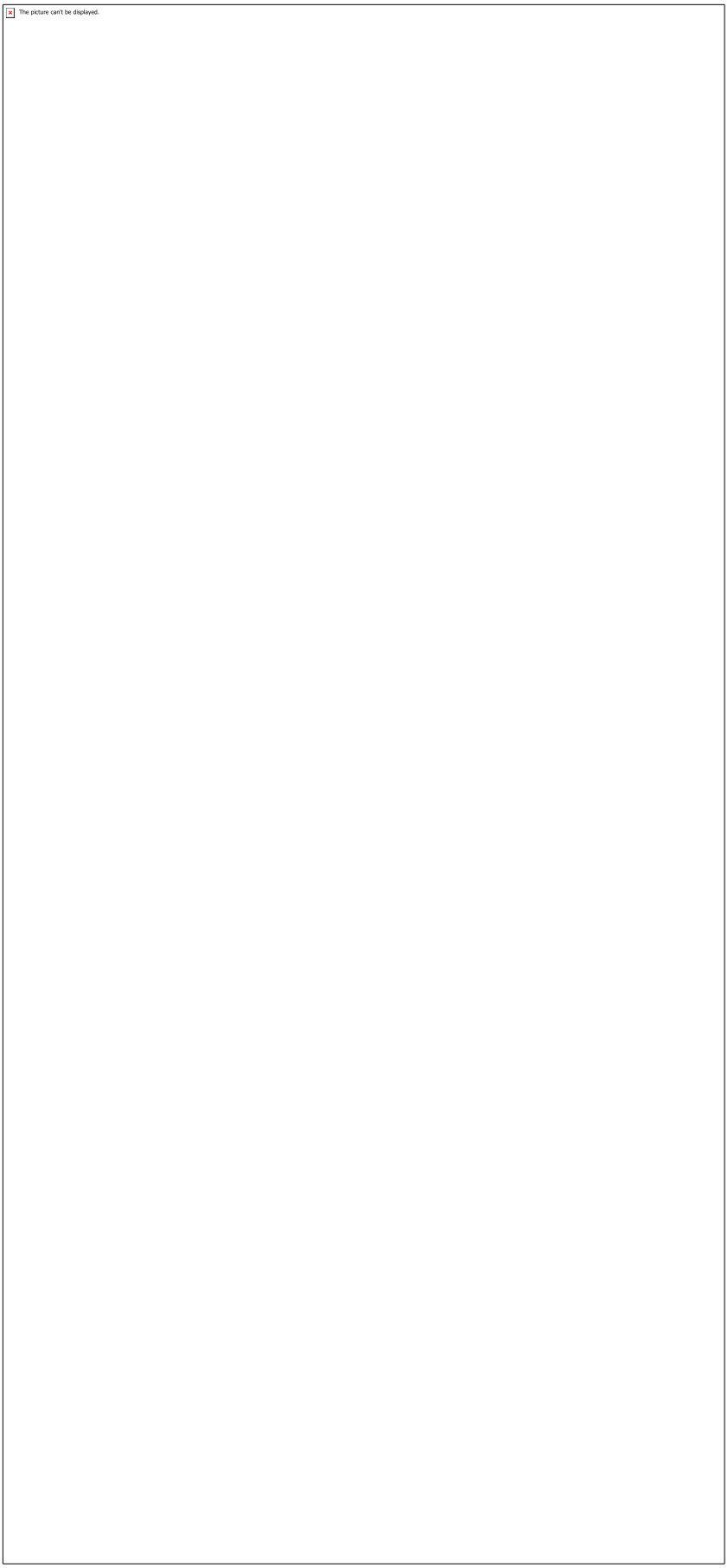
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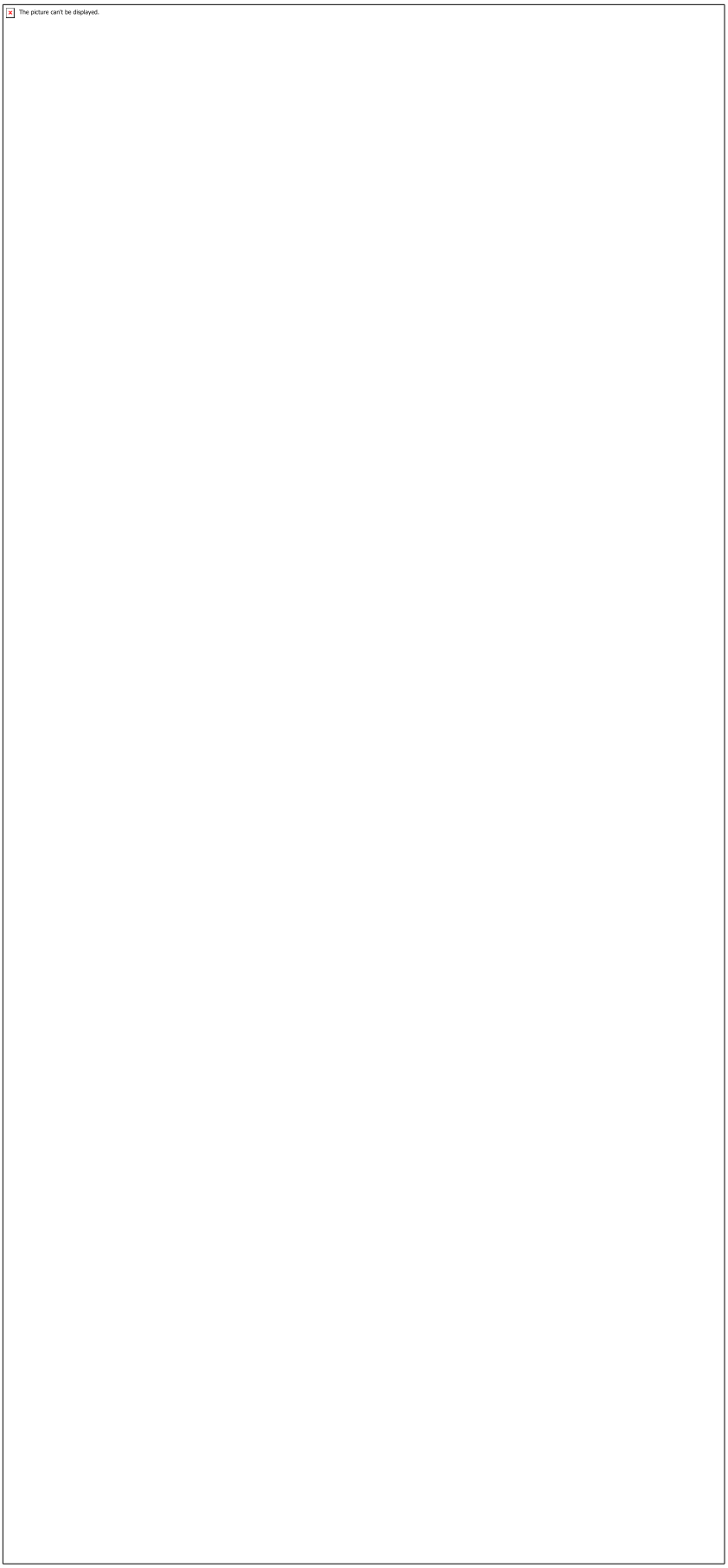
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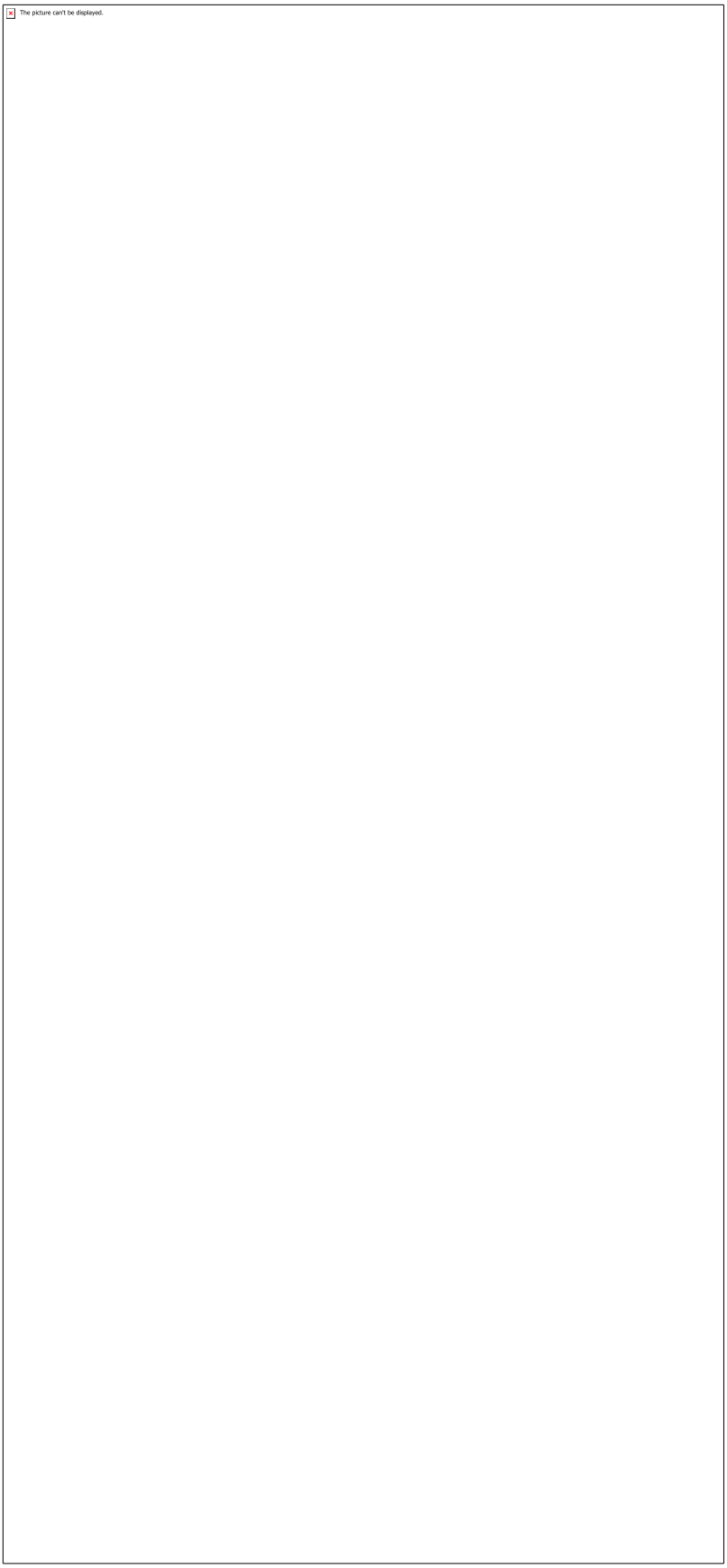
## 2.2 Forgot Password

### Function introduction

How to retrieve the password when you forget the password

### Operation steps

Step 1: Click “Forgot Password” to enter the Forgot Password page;
Step 2: Enter the mobile phone number or email address that needs to retrieve the password, click Send Verification Code, enter the verification code, and then click Next;
Step 3: Enter a new password (the password must contain two kinds of numbers, letters and special characters (except spaces), and the length is 8-20 digits);
Step 4: The password is successfully modified and you log in again.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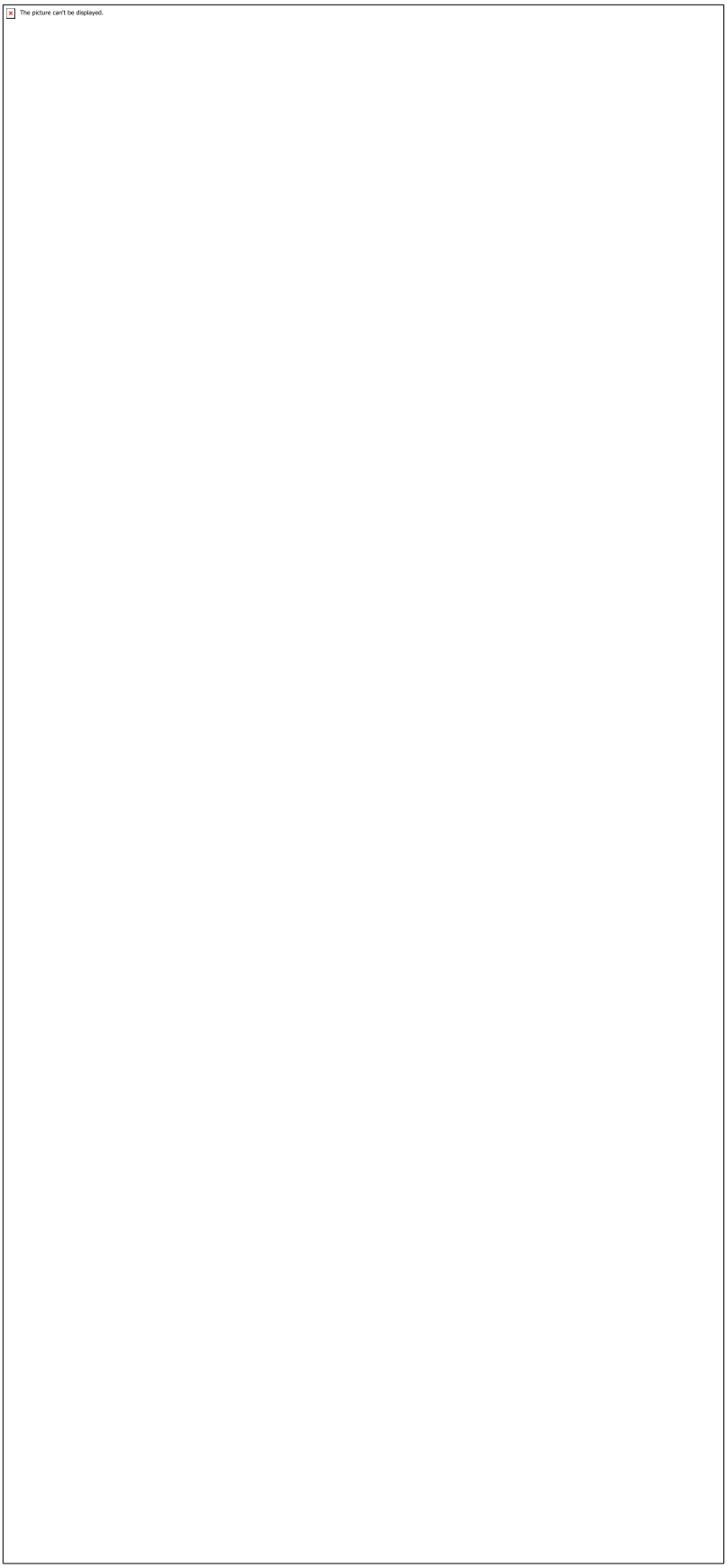
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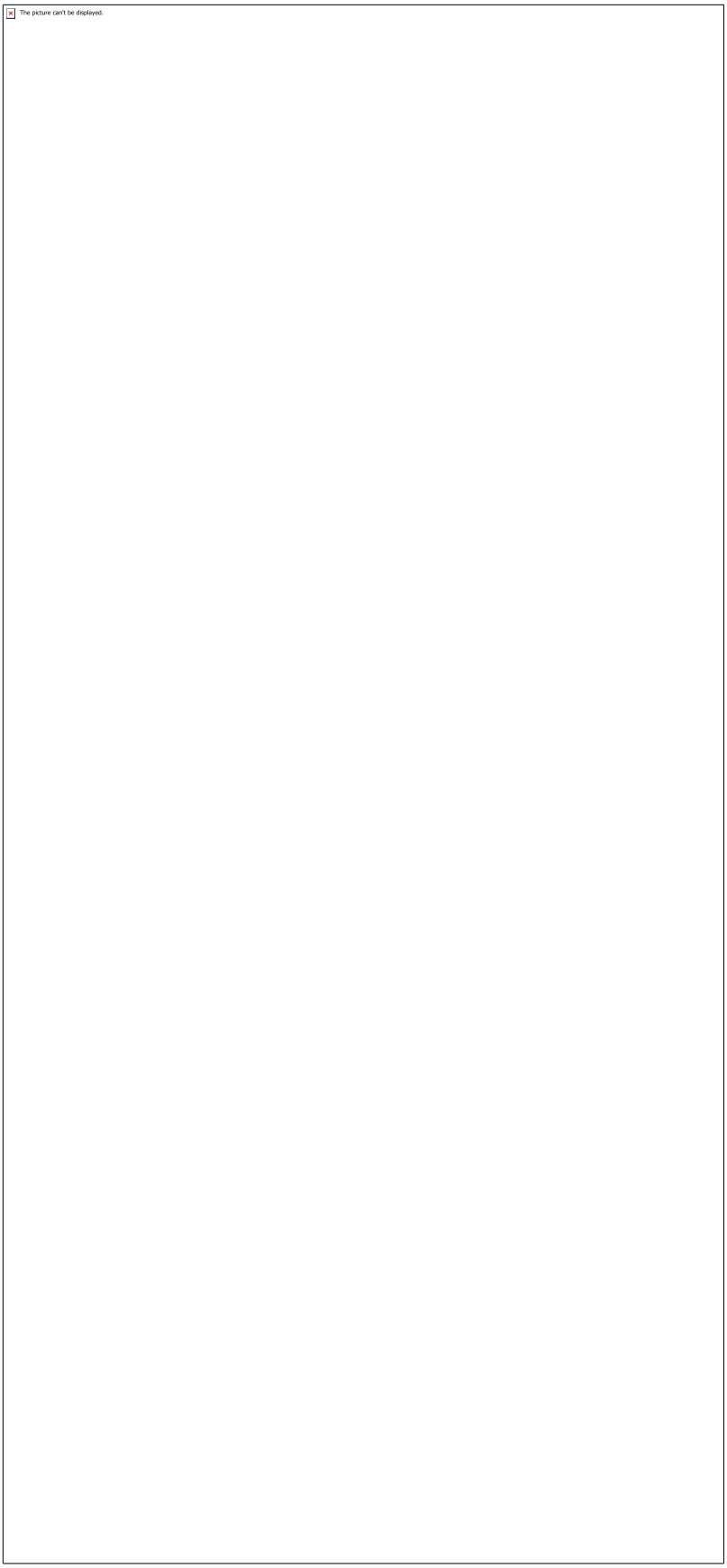
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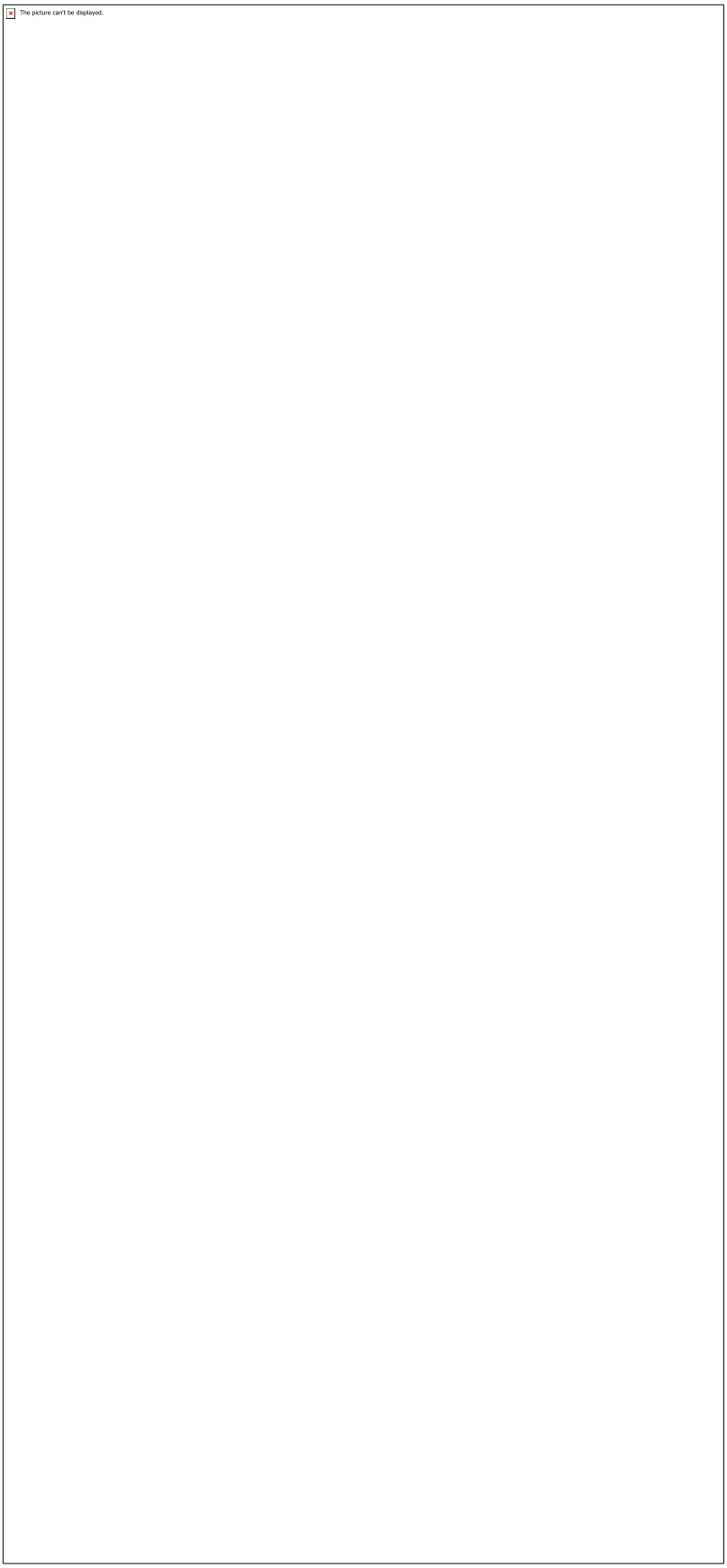
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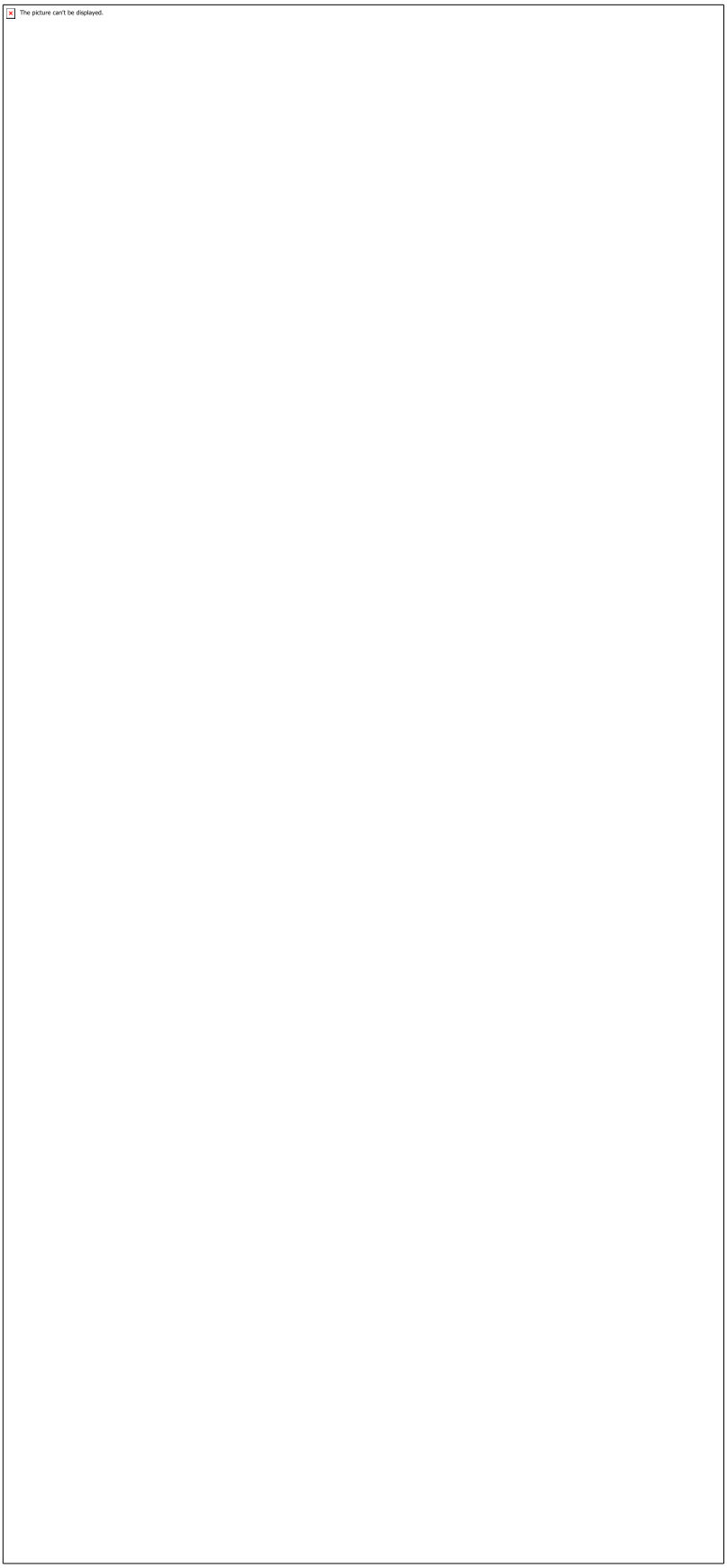
## 2.3 Language Switch

### Function Introduction

Describes how to switch languages.

### Operation Steps

Step 1: Click “Language” to enter the language switching page;
Step 2: Select the language you want to switch and click Save.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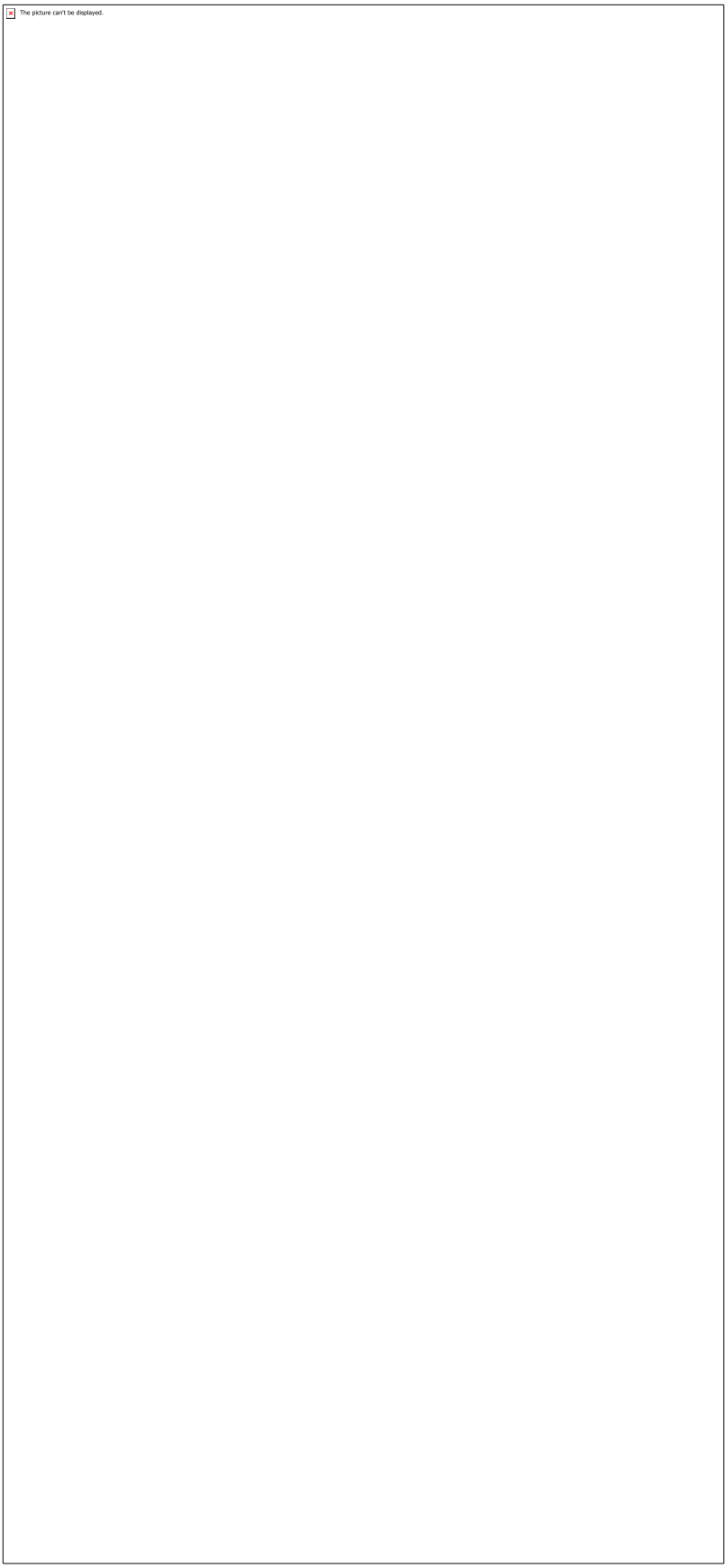
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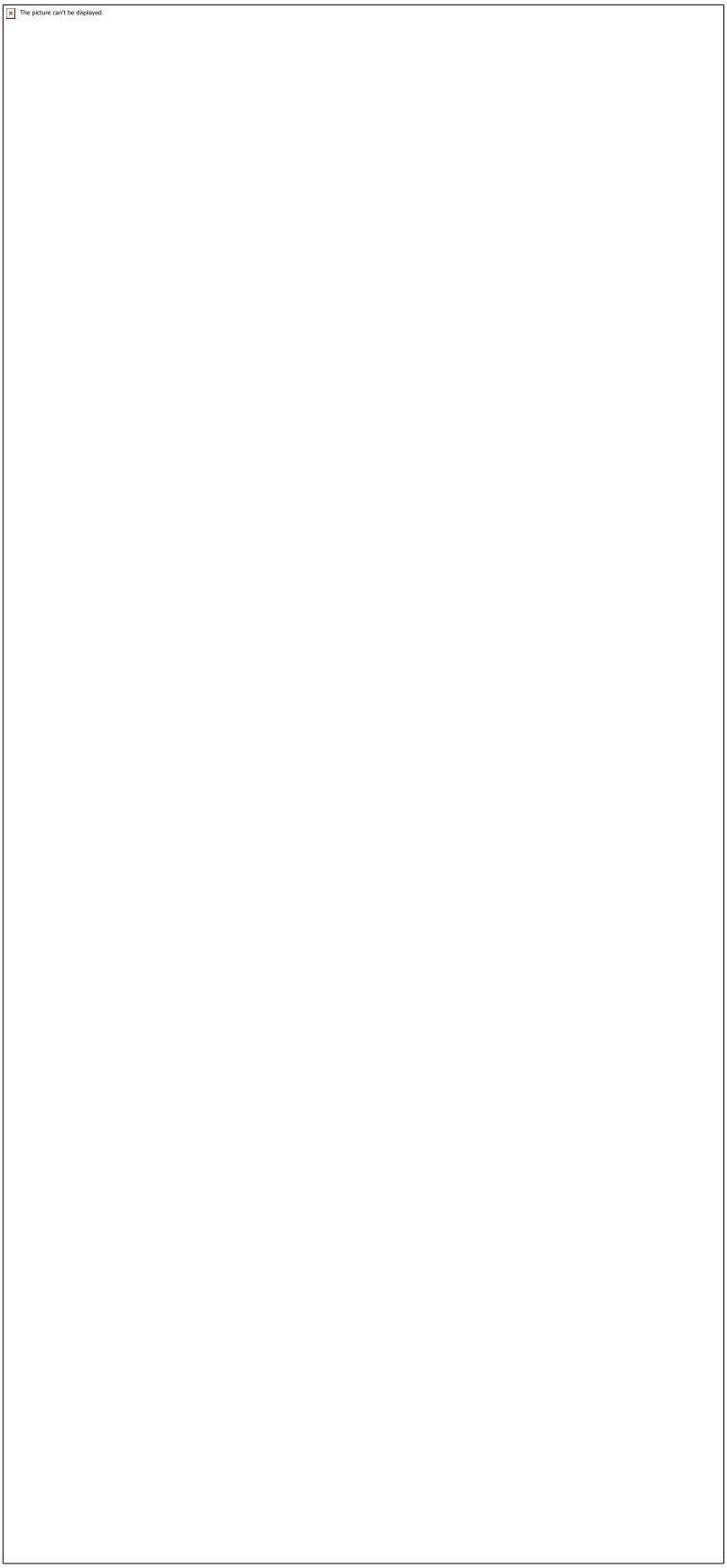
# 3 Home Page

### Function Introduction

owners are allowed to build their own plants, specific operation and display reference 6.4 Add Plant

After the plant is built, you can view data such as energy flow diagrams, work mode, power output, energy yield, and revenue.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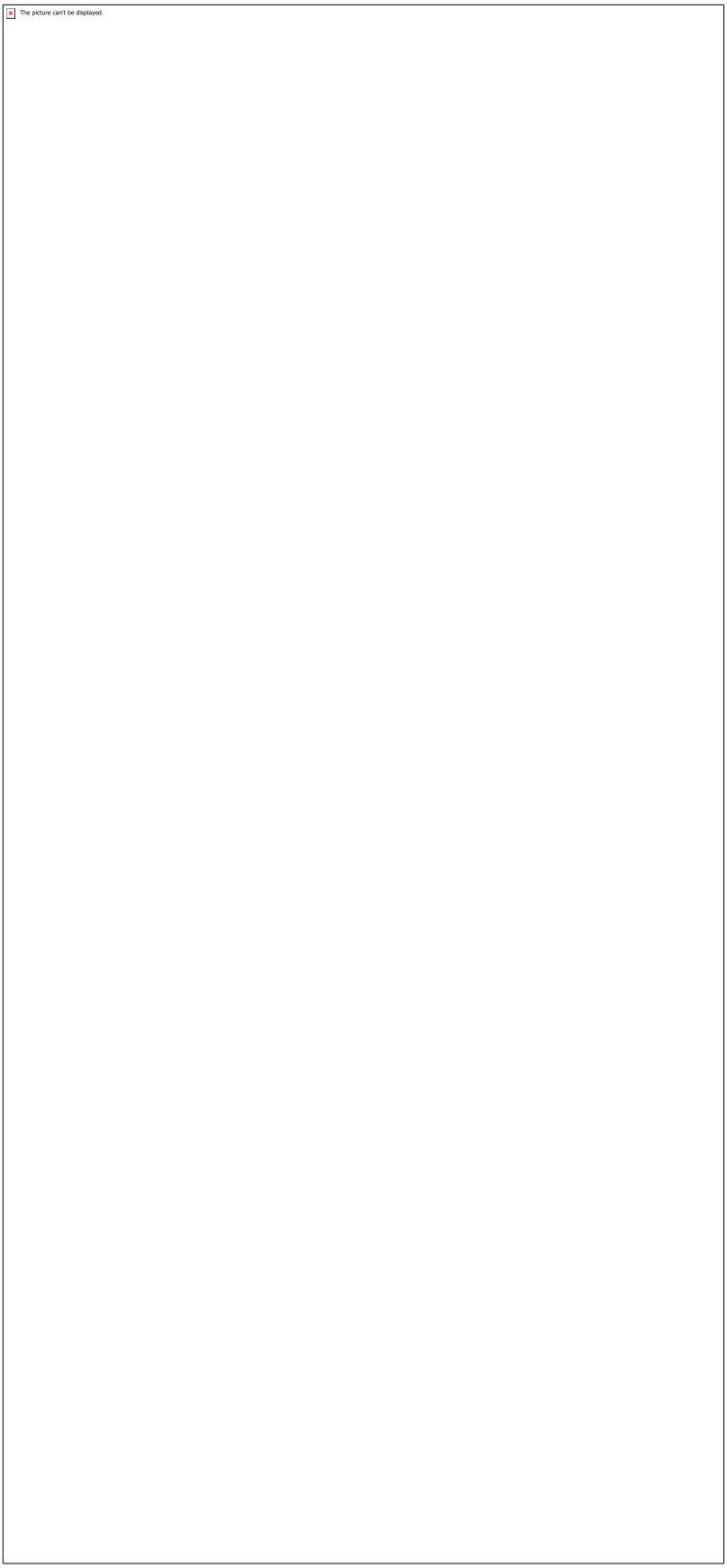
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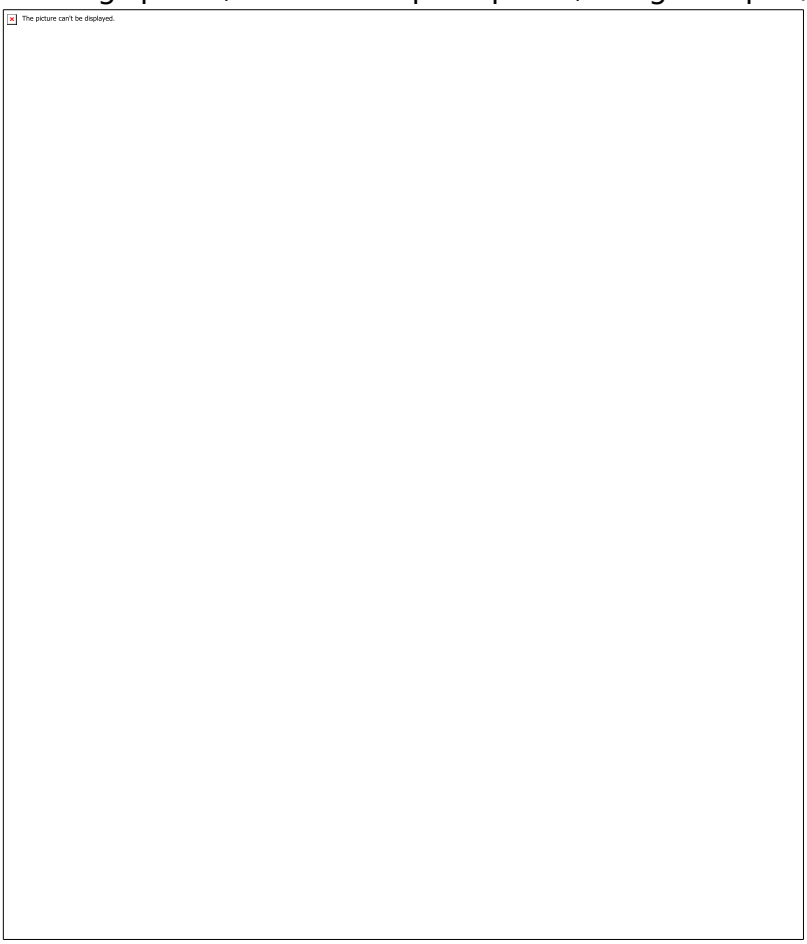
## 3.1 Plant Data

### 3.1.1 Energy Flow Diagrams

**Function Introduction**

On the energy flow diagram, you can view local weather, temperature, battery charge-discharge power, load consumption power, and grid import/export power.




### 3.1.2 Work Mode

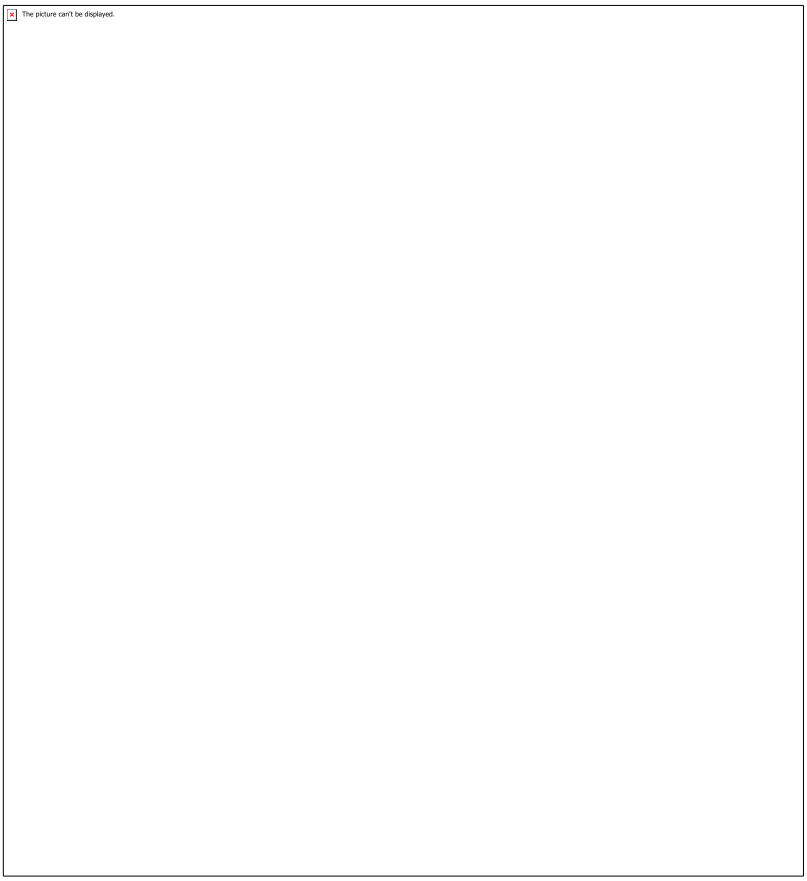
**Function Introduction**

specific operation and display reference 4.4 Work Mode Set

### 3.1.3 Power Chart

**Function Introduction**

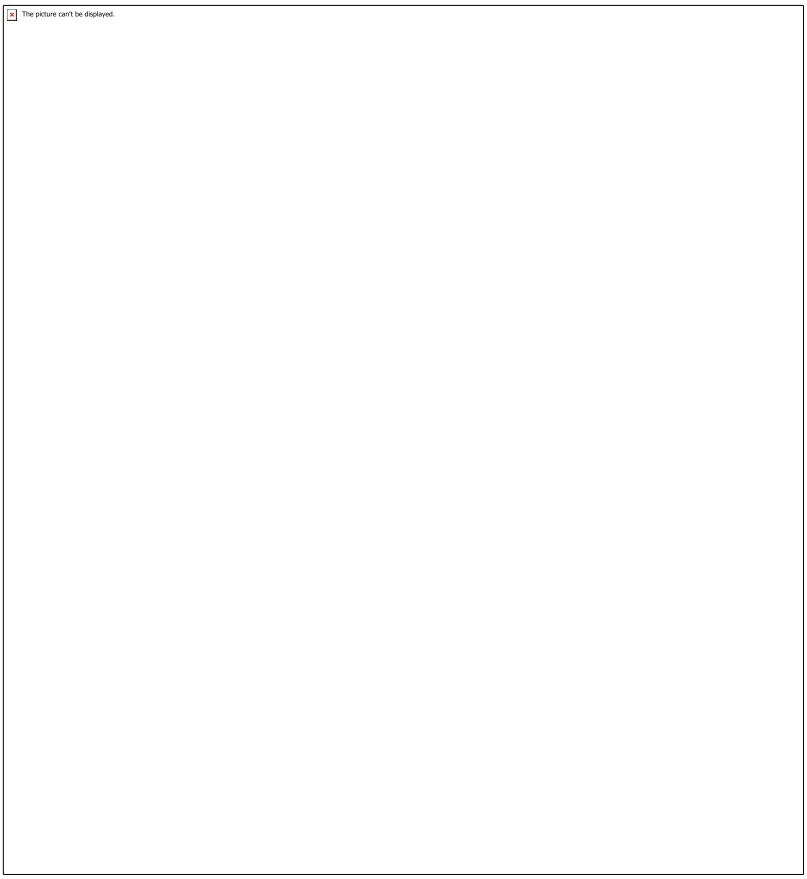
On the power chart interface, you can select a date, and switch between three types of curve data—battery, load, grid.
Click the full-screen icon to display the chart in full-screen mode.




### 3.1.4 Energy Chart

**Function Introduction**

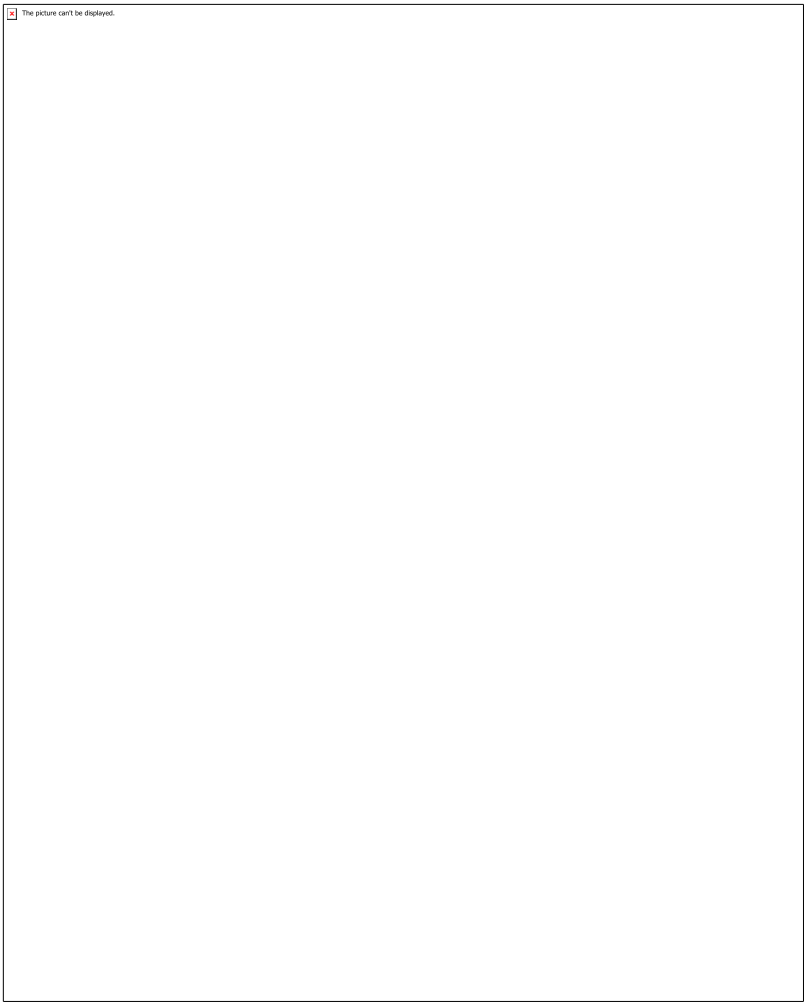
On the energy chart, you can view battery, load, and grid data for different time periods: a specific day, a week, a month, a year, or total.




### 3.1.5 Revenue Chart

### Function Introduction

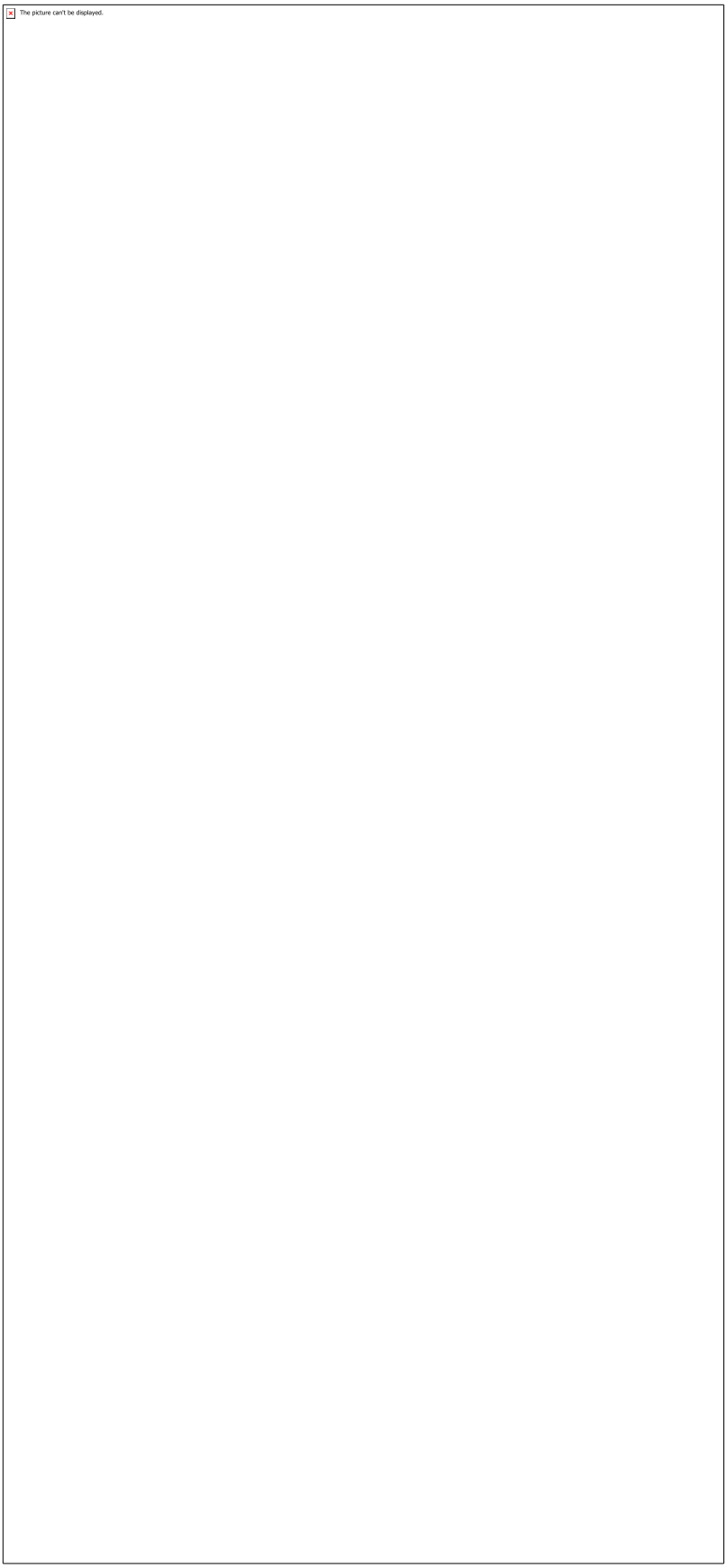
You can view revenue data for the day, week, year, and all-time periods in the revenue chart.




## 3.2 Plant Management

### Function Introduction

The plant info, price config, visitor can be seen in the plant management.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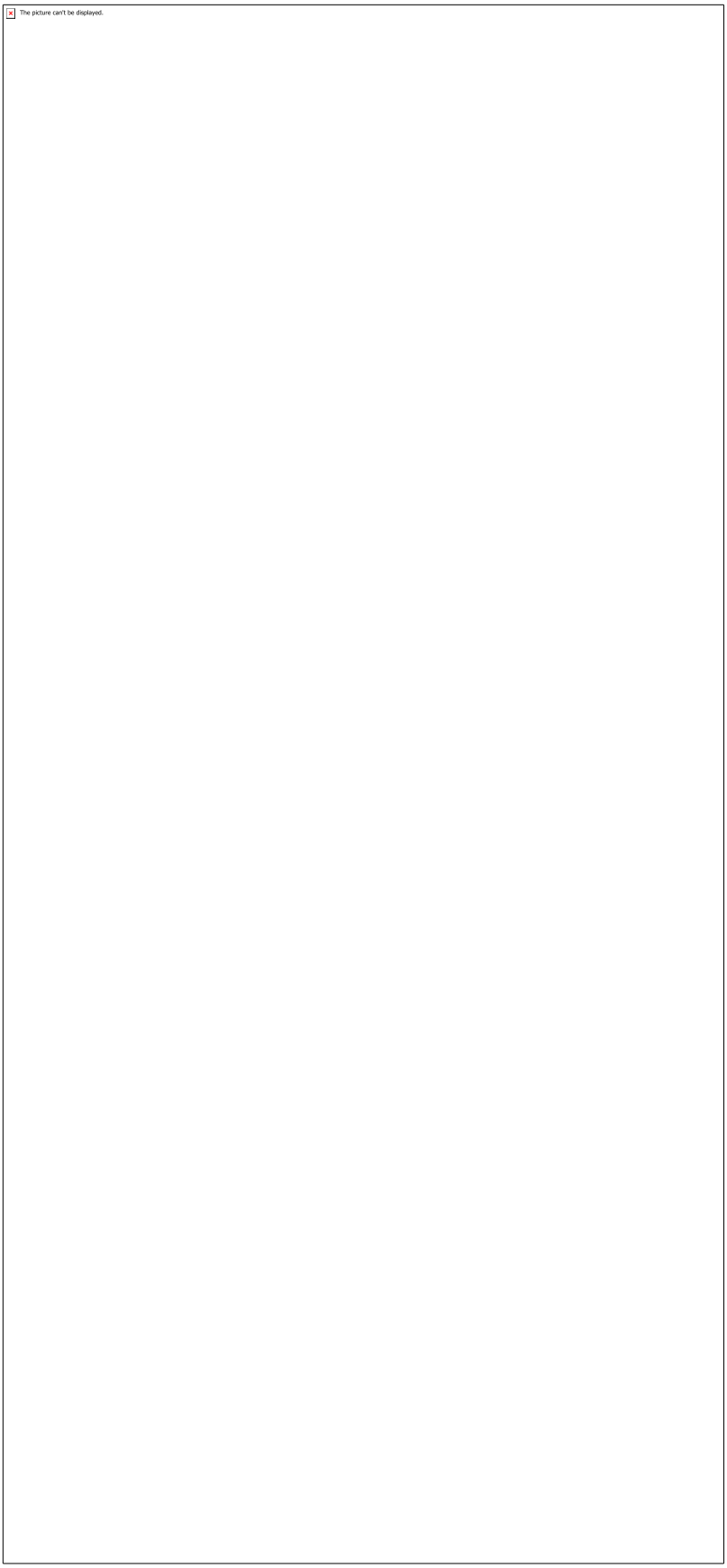
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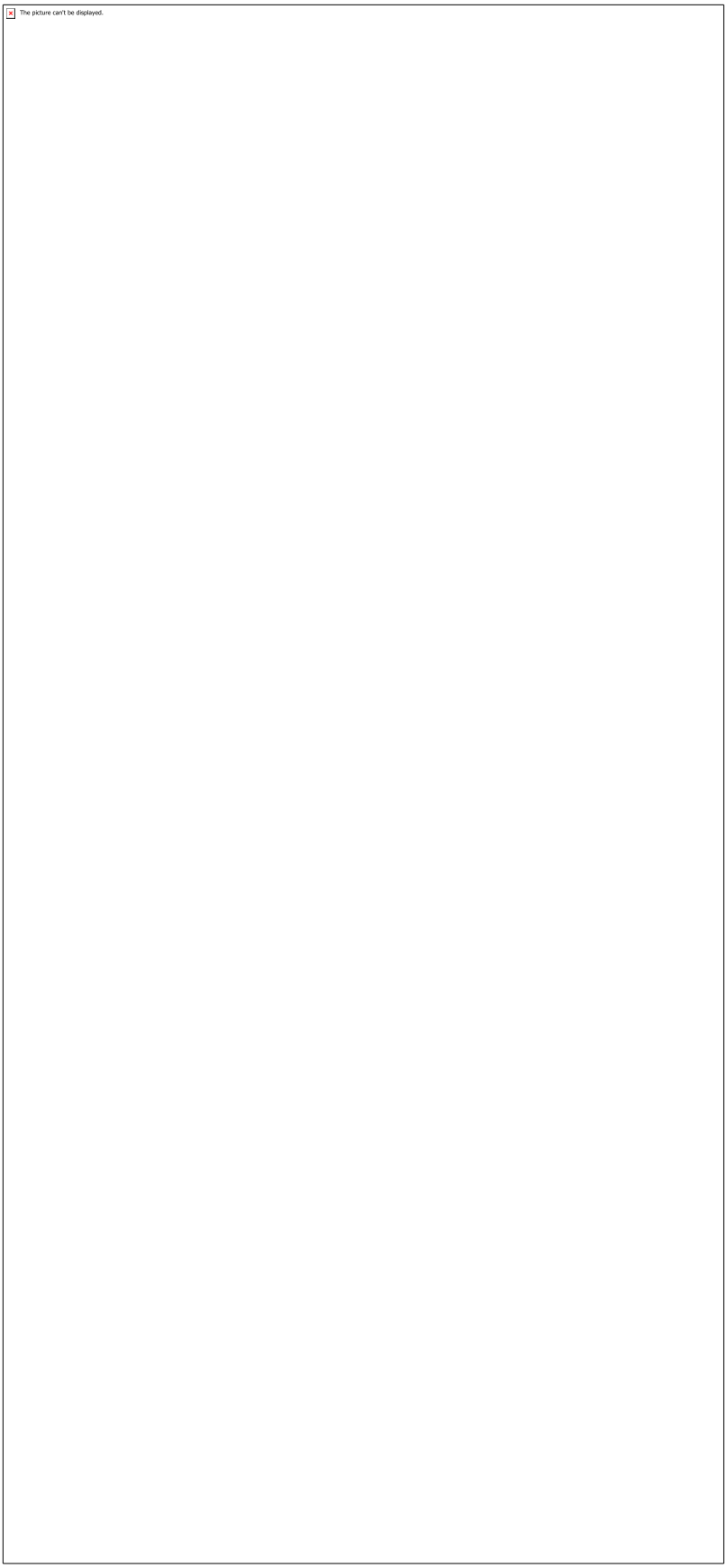
### 3.2.1 Plant Info

Display a series of information such as plant picture, plant name, plant ID, address, time zone, installer email, etc. Users with the right to edit the current plant can edit it.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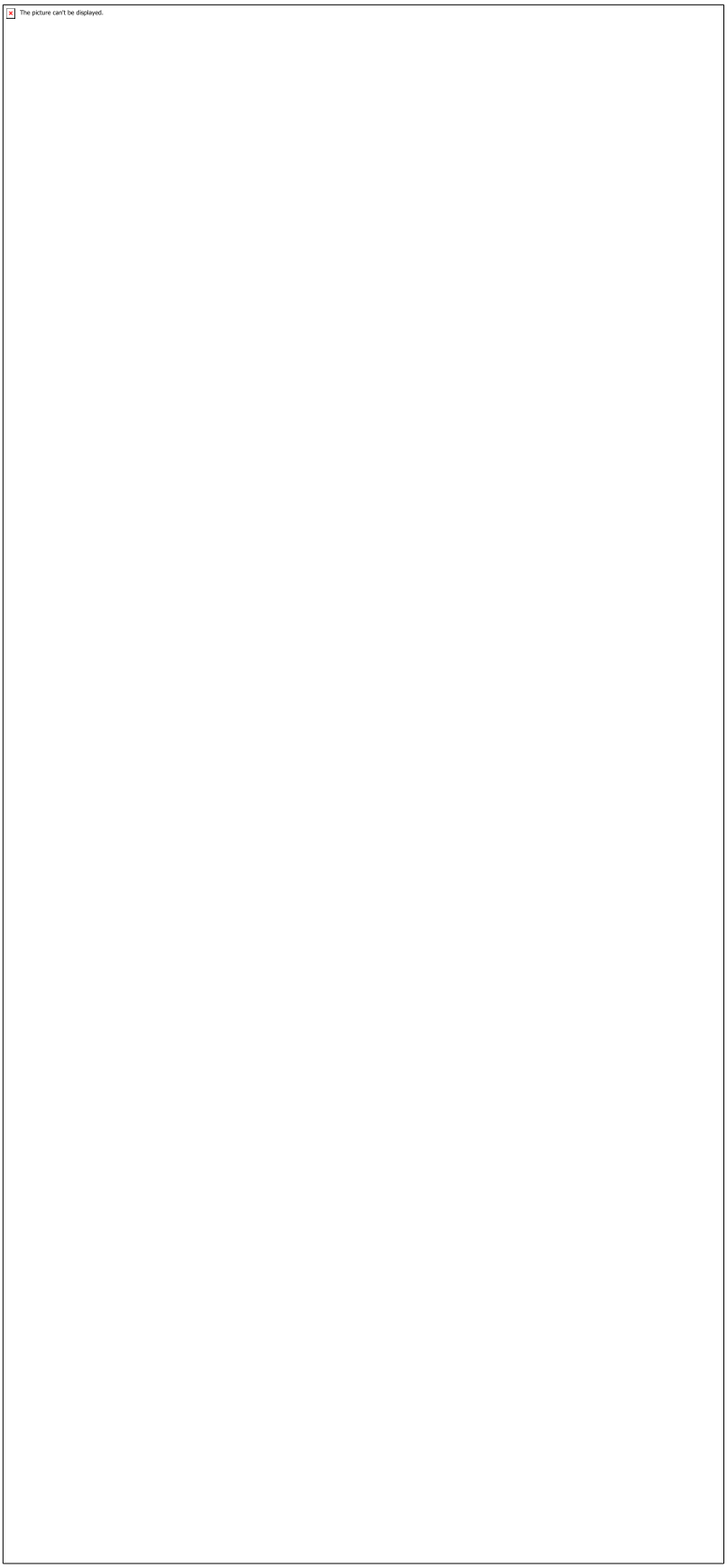
### 3.2.2 Price Config

The electricity price configuration of the plant, if the fixed electricity price is selected, the input power income and the monetary unit of the country where the plant is located, and if the time-sharing electricity price is selected, the input of different cycles, different time periods and their corresponding grid-connected electricity price and electricity price.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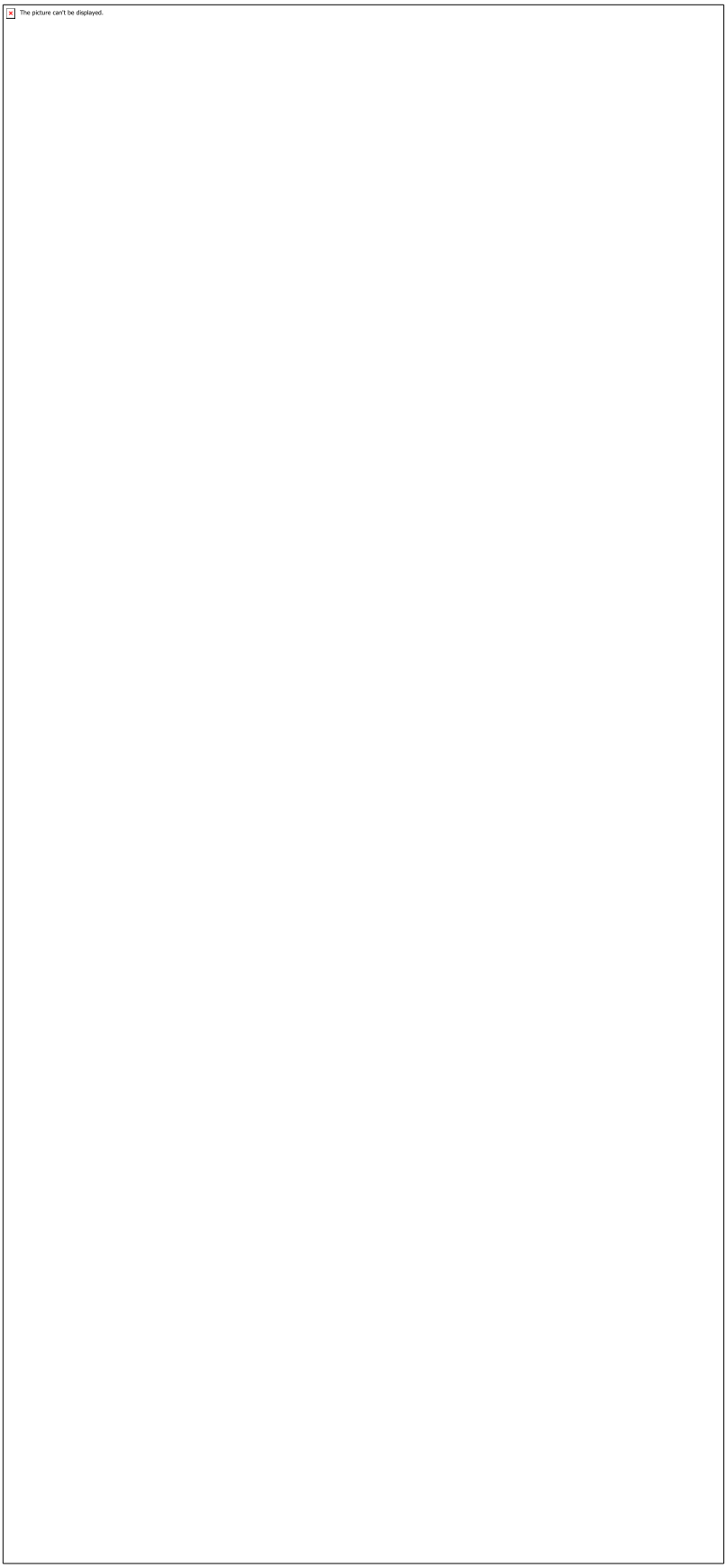
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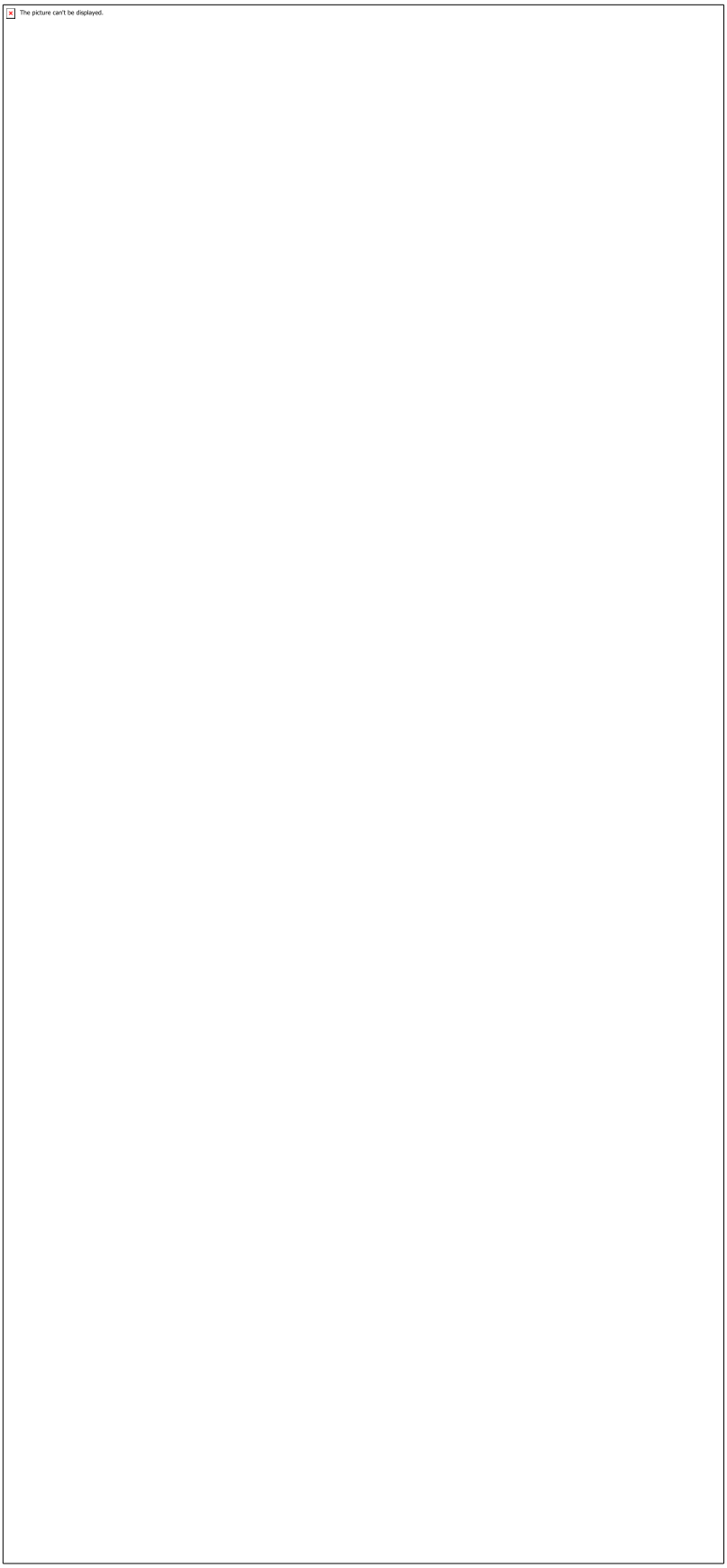
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#### 3.2.3 Visitor

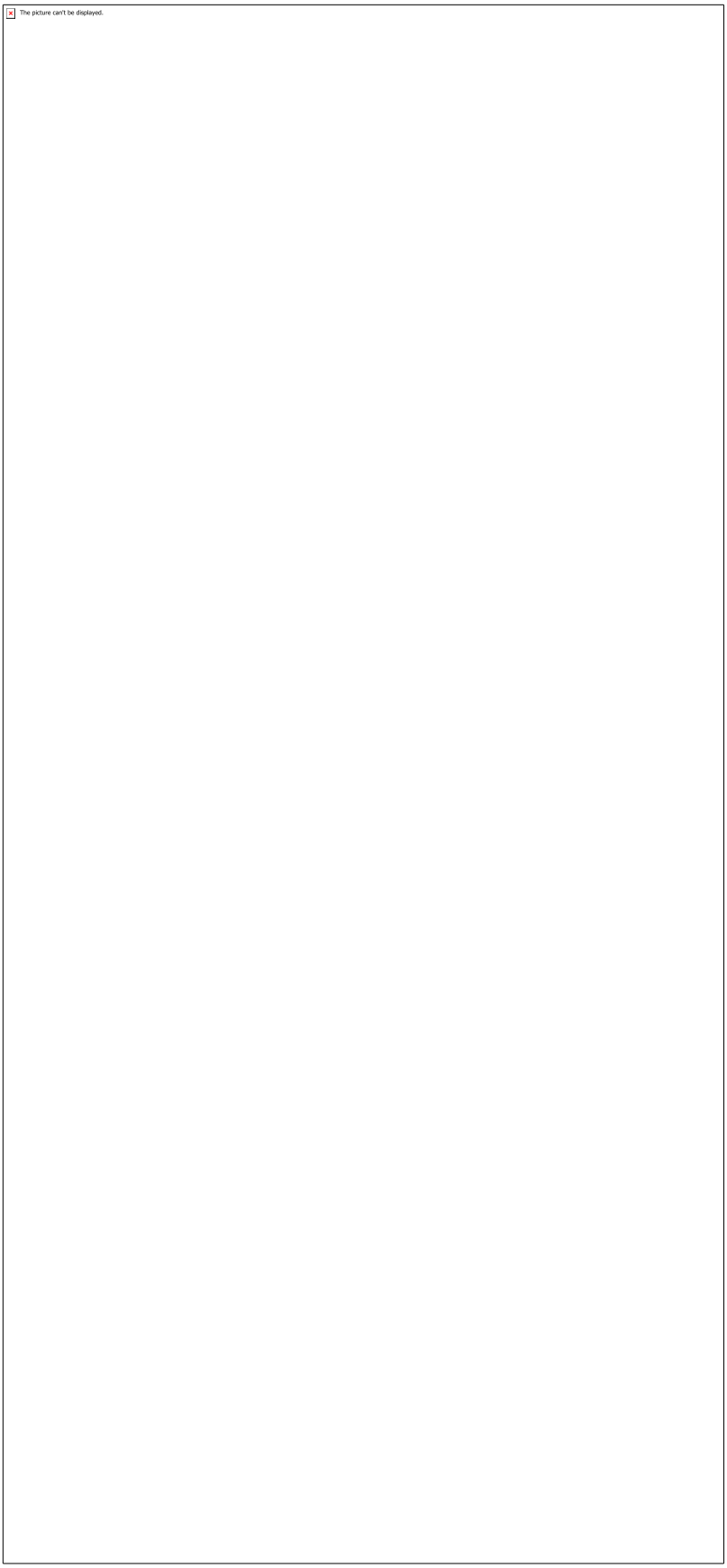
Edit the visitor list of the current plant. You can search for users by user name to add or remove plant.

# 4 Devices Page

## 4.1 Device List

#### Function Introduction

You can view all devices under the current plant, as well as their names and status.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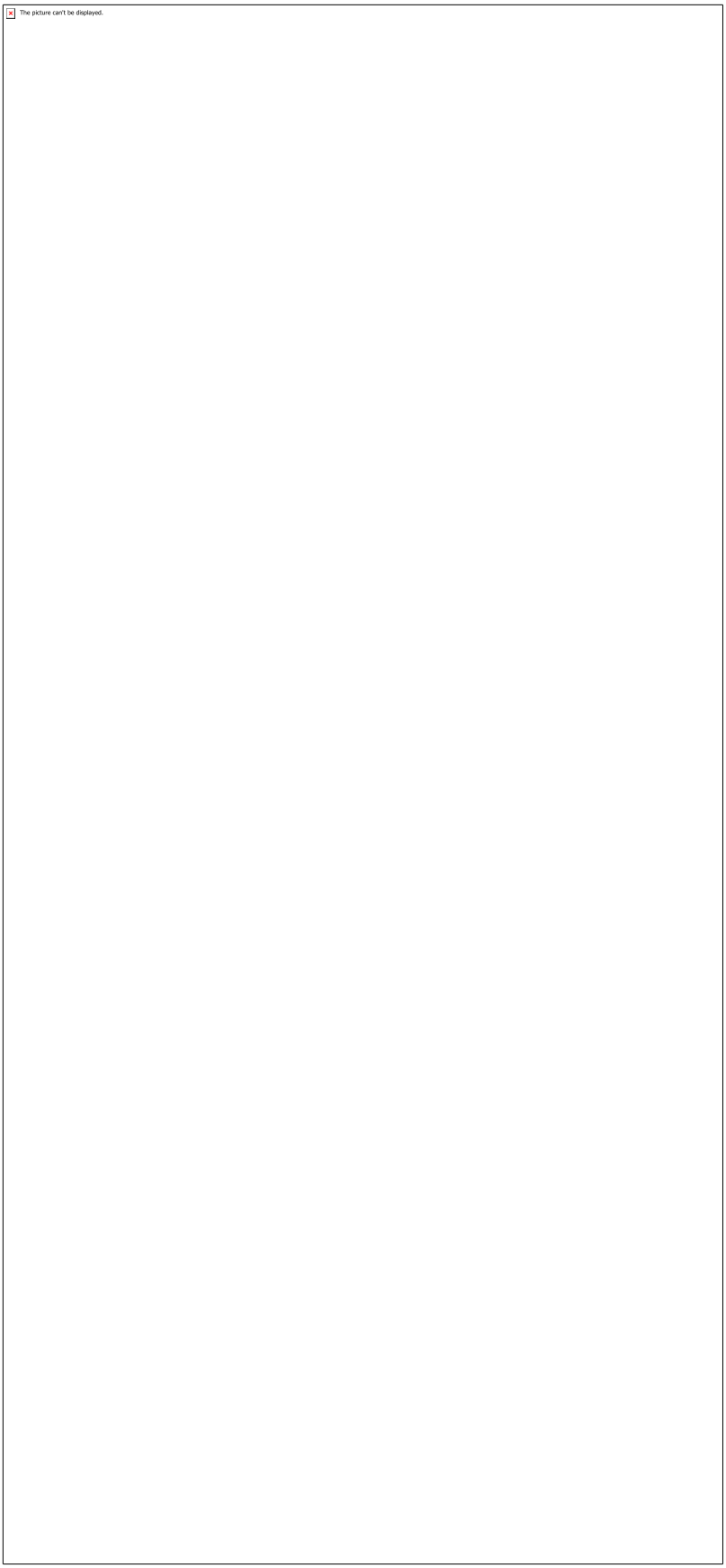
## 4.2 Device Detail

### Function Introduction

On the device list page, click the device card to go to the device details page.
Different device types display different information, please refer to the actual page.

#### 4.2.1 Micro ESS Detail

In the micro ess details page, you can view information such as device charging/discharging status, operating mode, number of batteries, battery SOC, temperature, charging/discharging power curve, and AC-side power curve. The displayed information varies by device type and is subject to the actual device.
Tap the right arrow next to the battery to view the battery pack status, which includes the power, SOC, maximum cell voltage, minimum cell voltage, maximum cell temperature, and minimum cell temperature of each battery pack.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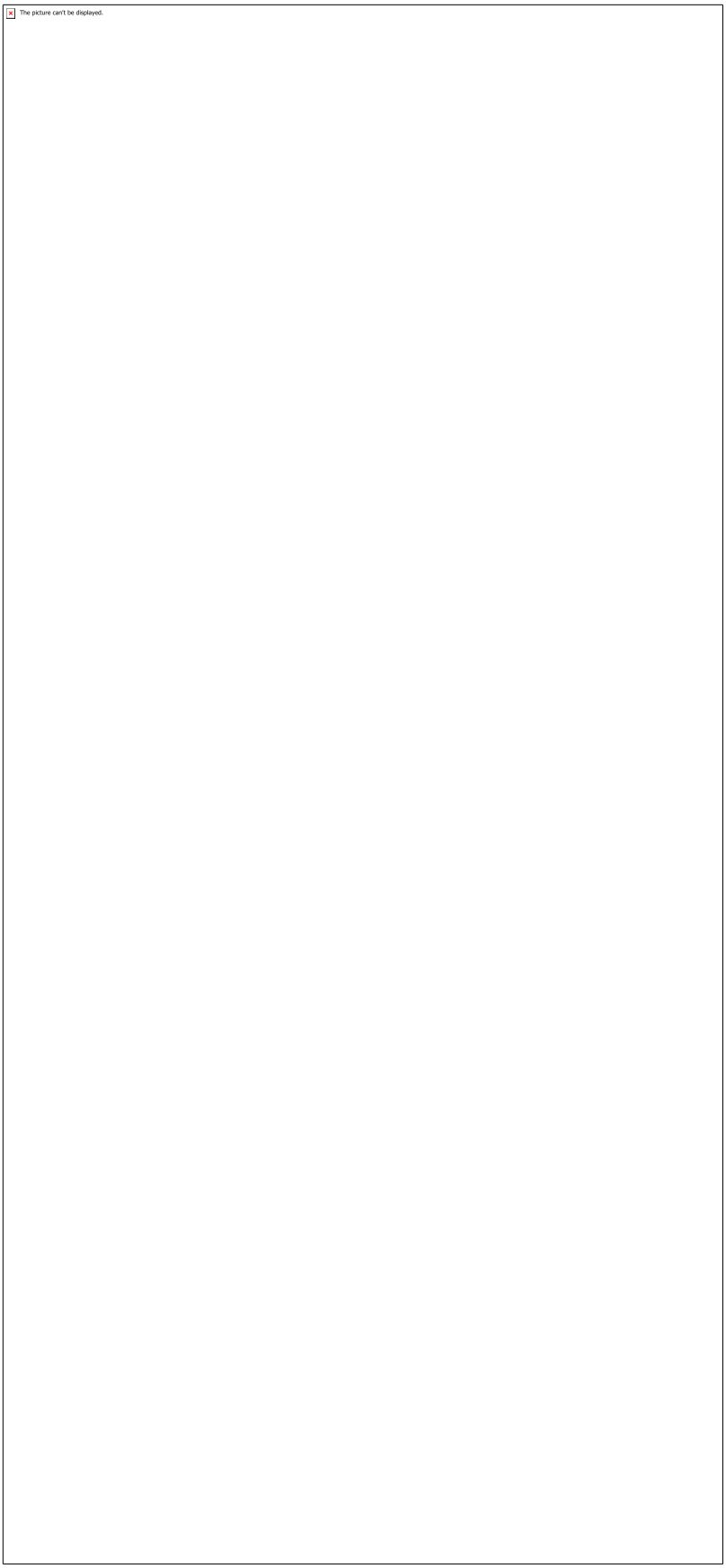
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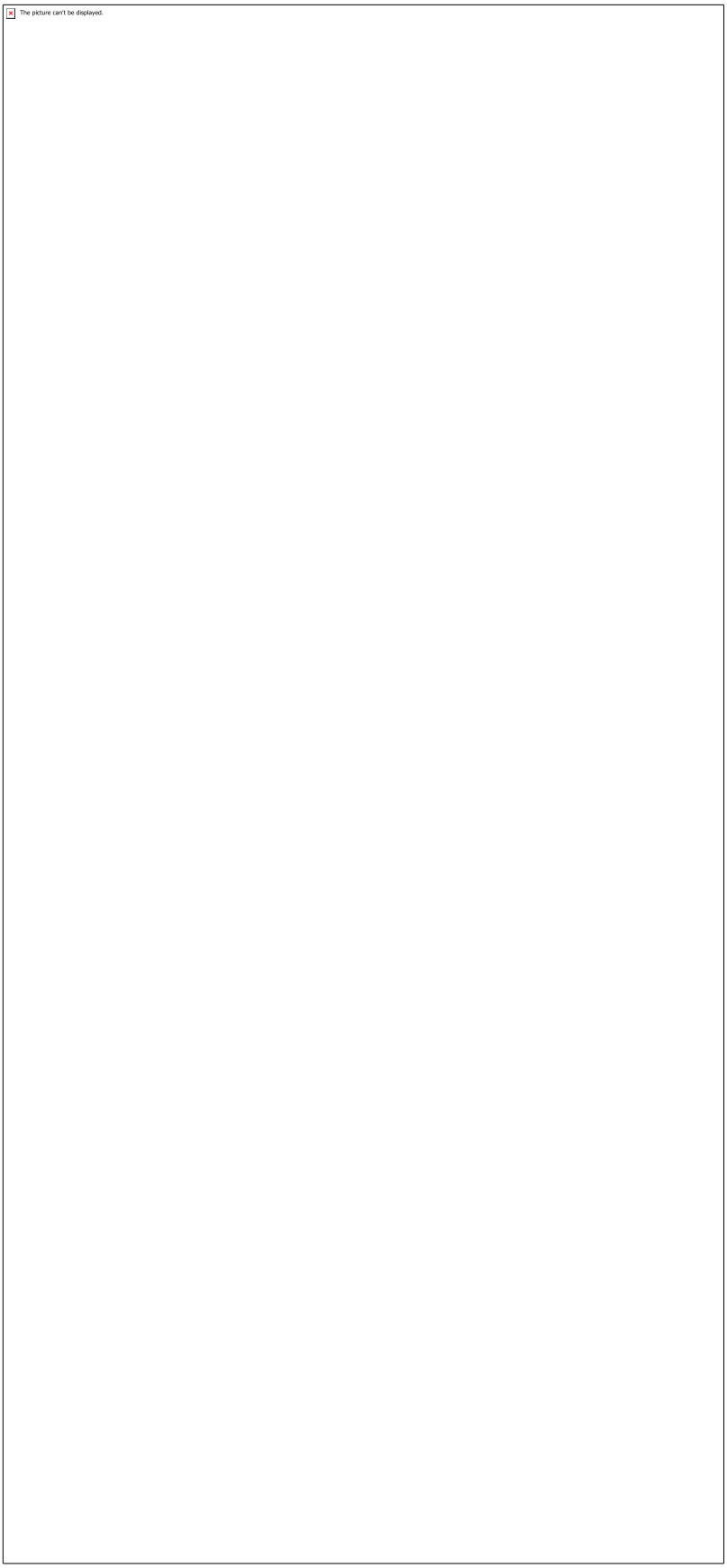
### 4.2.2 Meter Detail

In the meter details page, you can view the meter status, power curve, the amount of electricity purchased and sold.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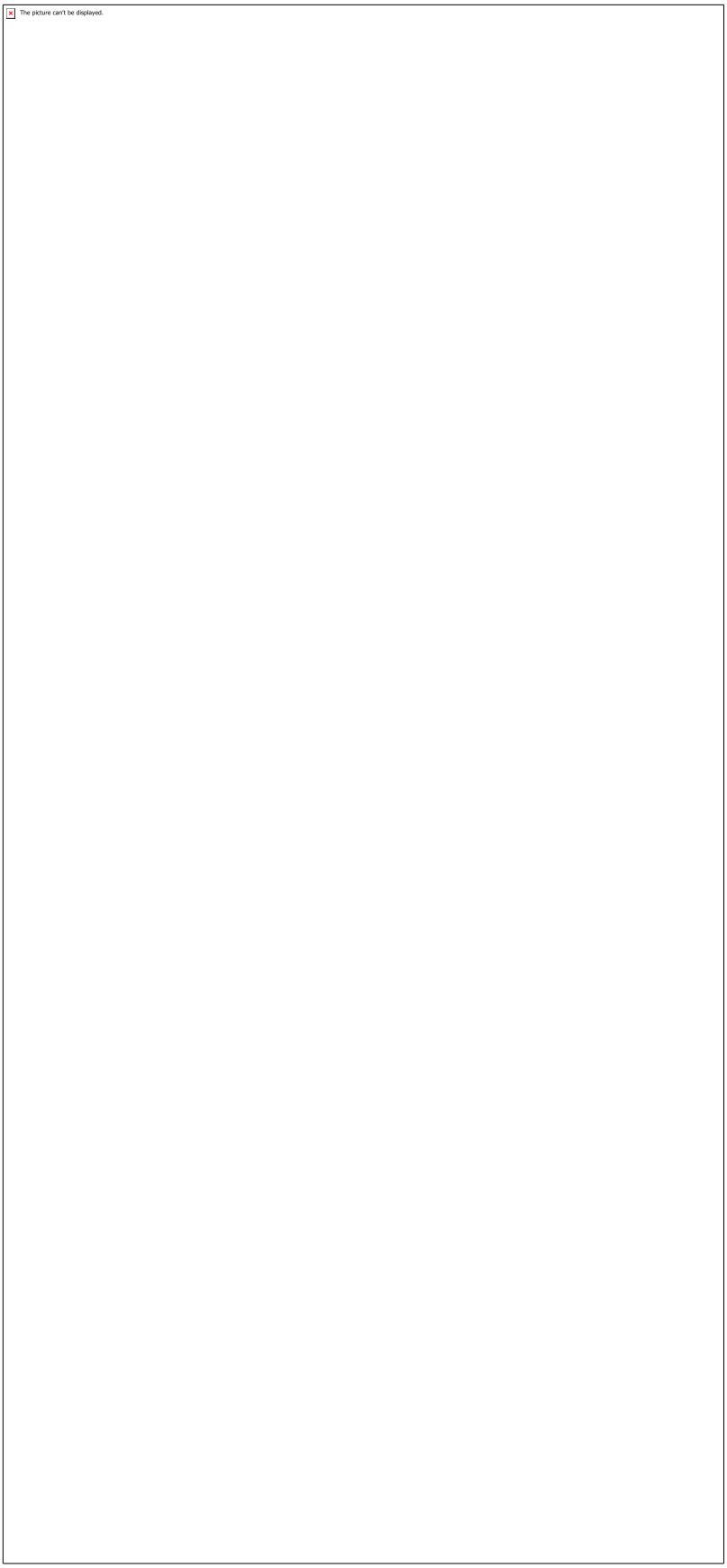
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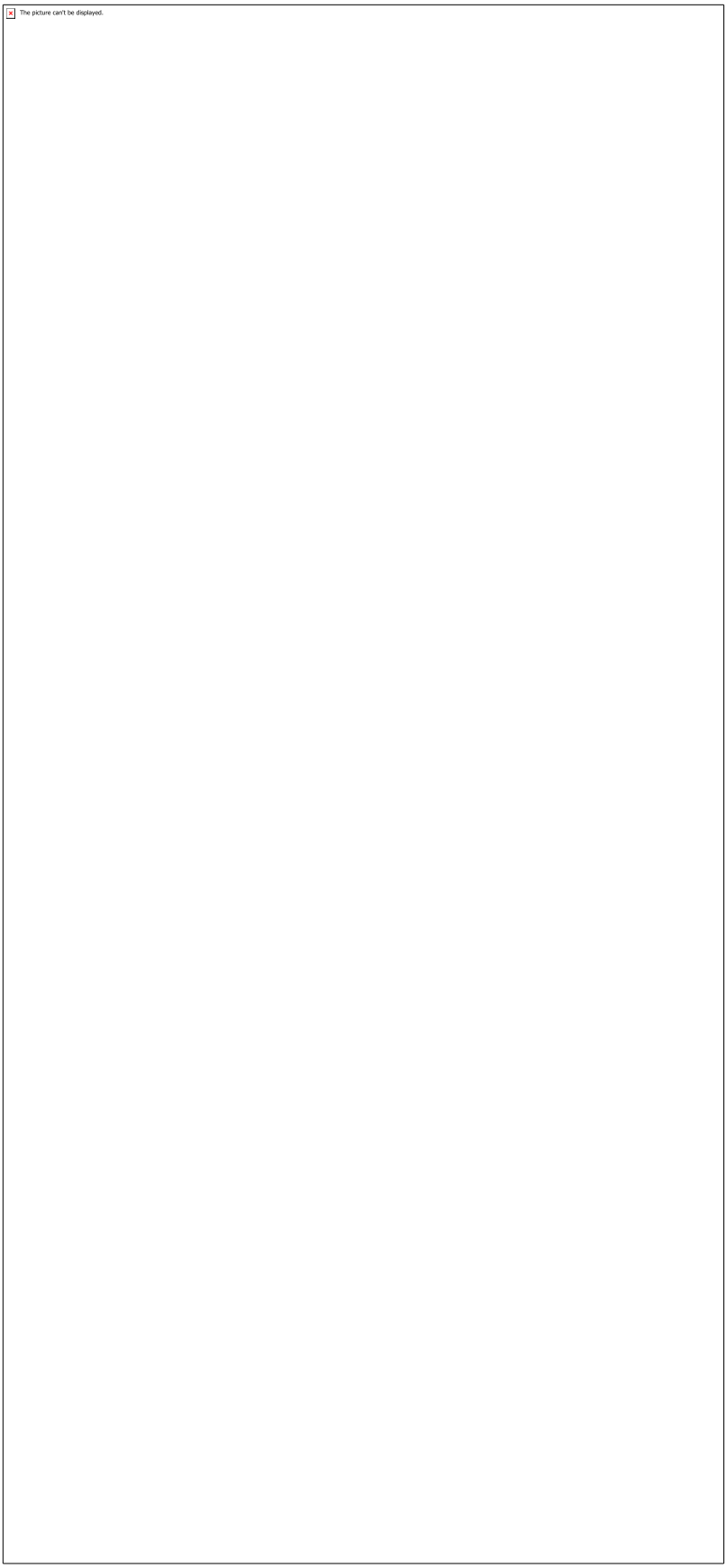
## 4.3 Historical Curve

### Function Introduction

Select D, W, M, Y, and Total to set the curve display time range. Click custom parameters icon to select your own parameters for the curve display.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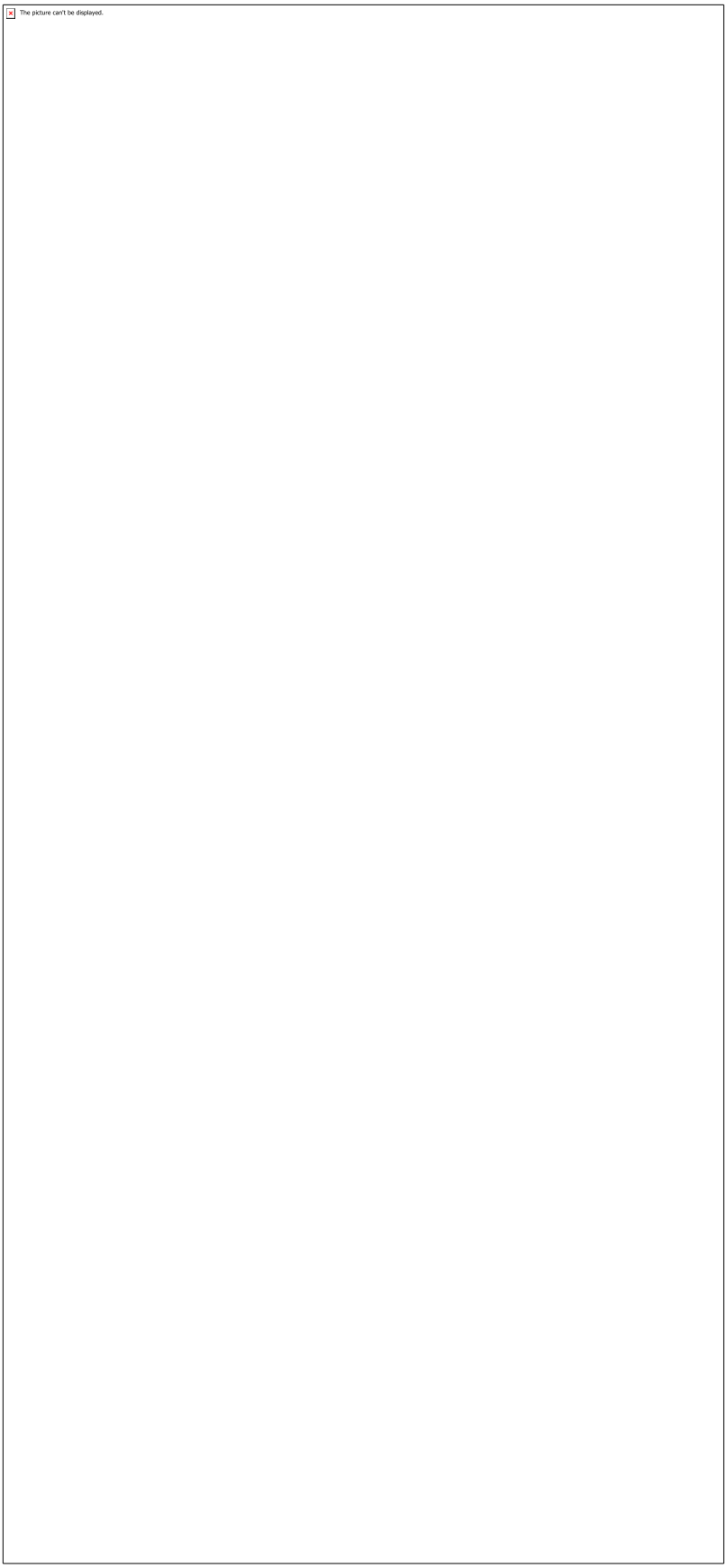
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## 4.4 Work Mode Settings

### Function Introduction

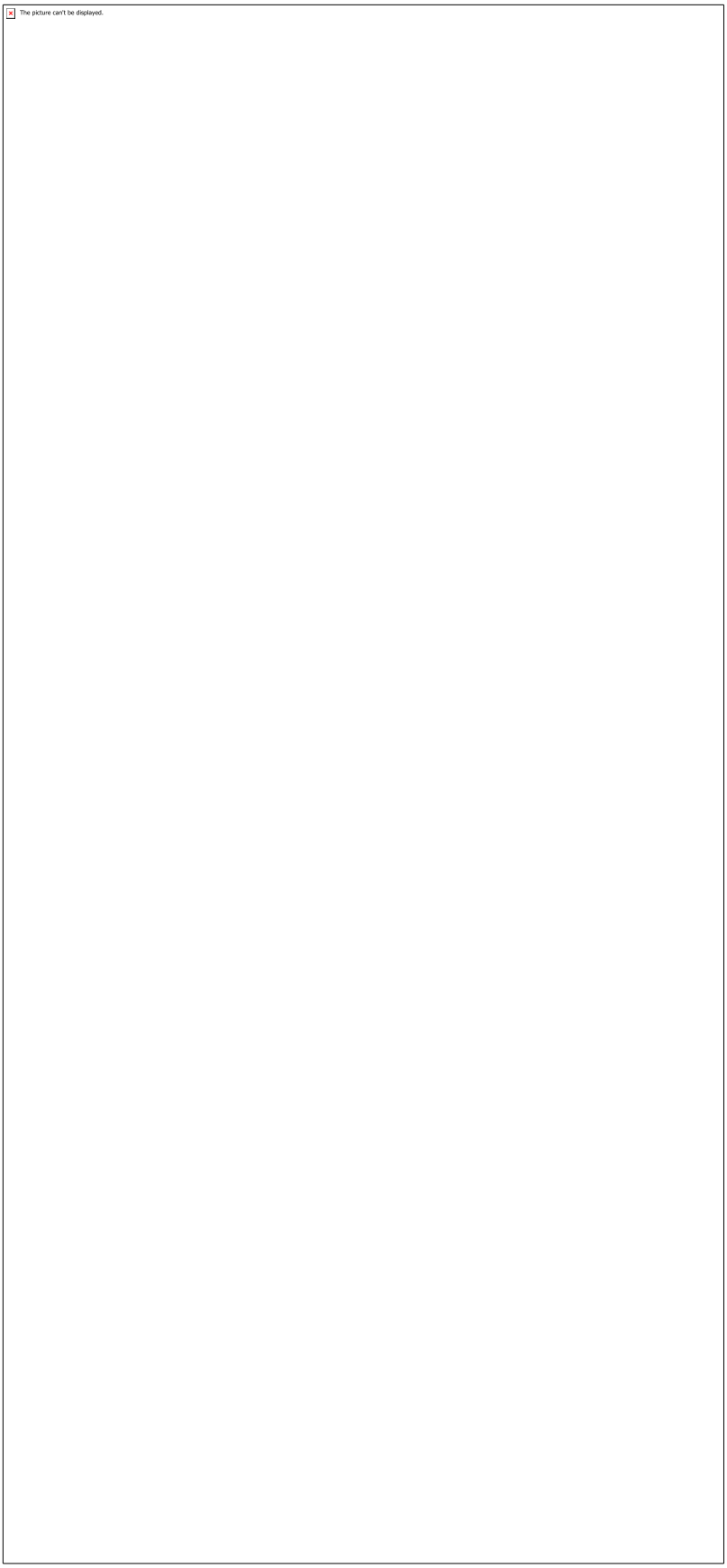
Mode settings include self-consumption mode, custom mode, grid backup mode and time of use mode.

### Applicable Device

Micro ESS

### Operation Steps

Step 1: Click Operating Mode to enter the operating mode settings page;
Step 2: Click the Change button, select the mode you want, and the configuration items corresponding to different modes are different.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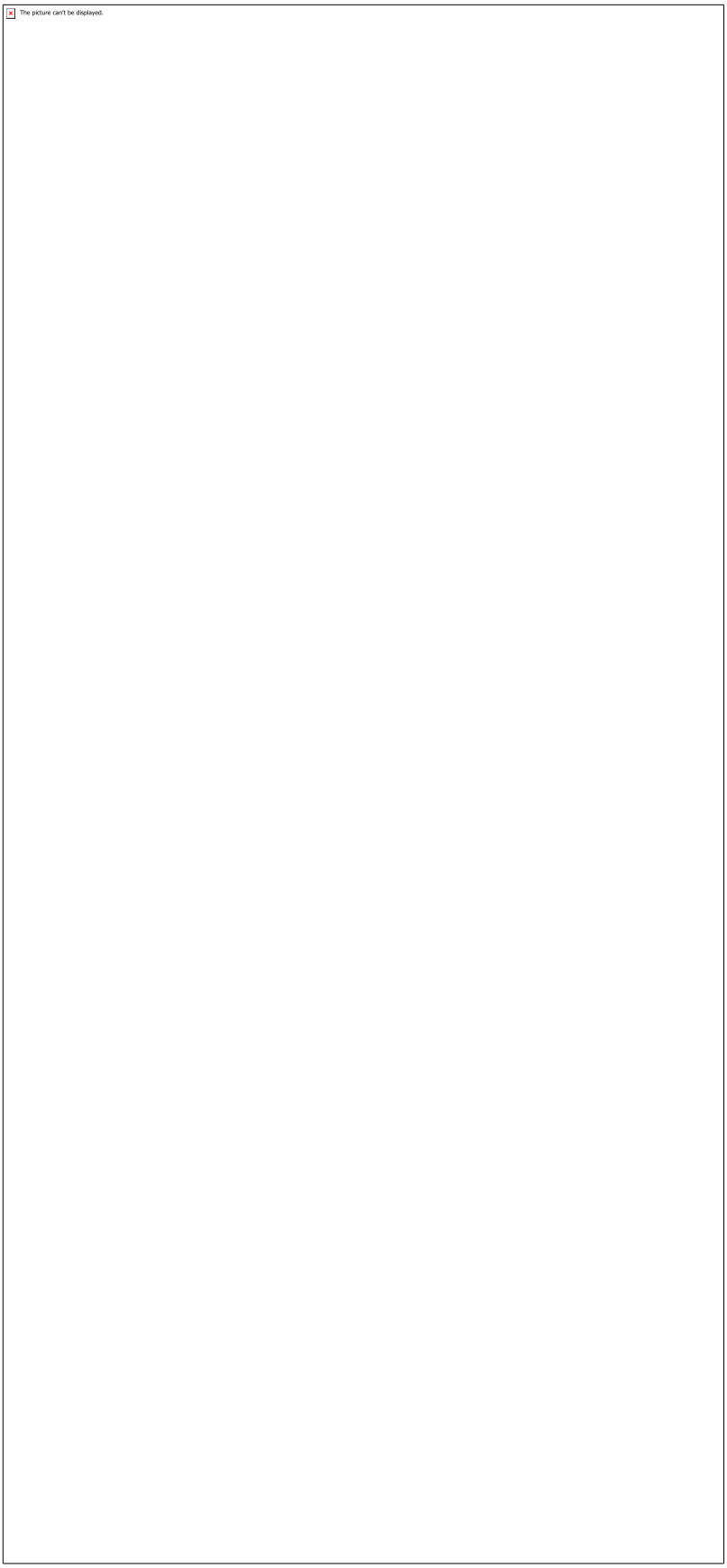
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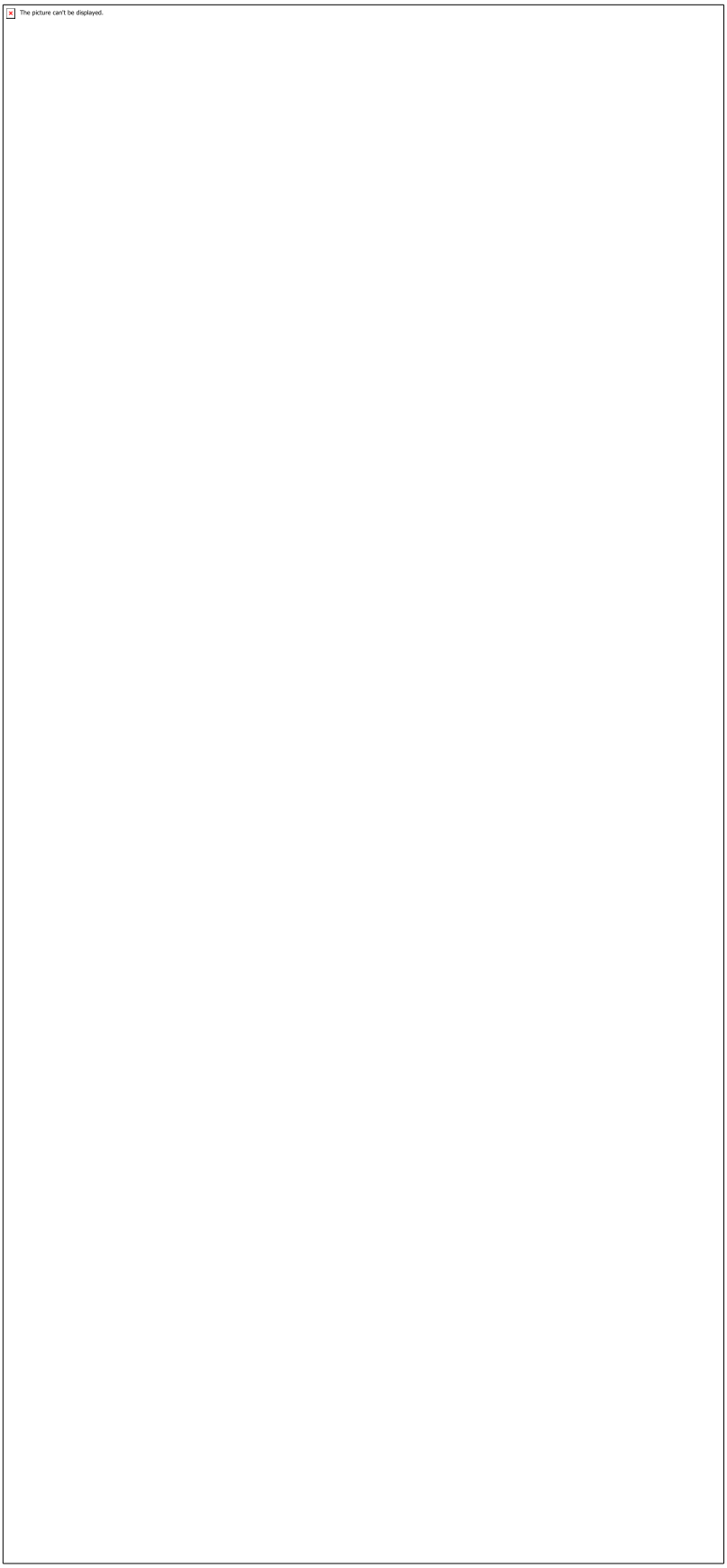
#### 4.4.1 Self-Use Mode

**Function Introduction**

Self-Use mode maximizes your use of solar power and minimizes reliance on the grid.

**Operation Steps**

Step 1: Select **Self-Use Mode** in Working Mode and click Save;
Step 2: Set Minimum SOC.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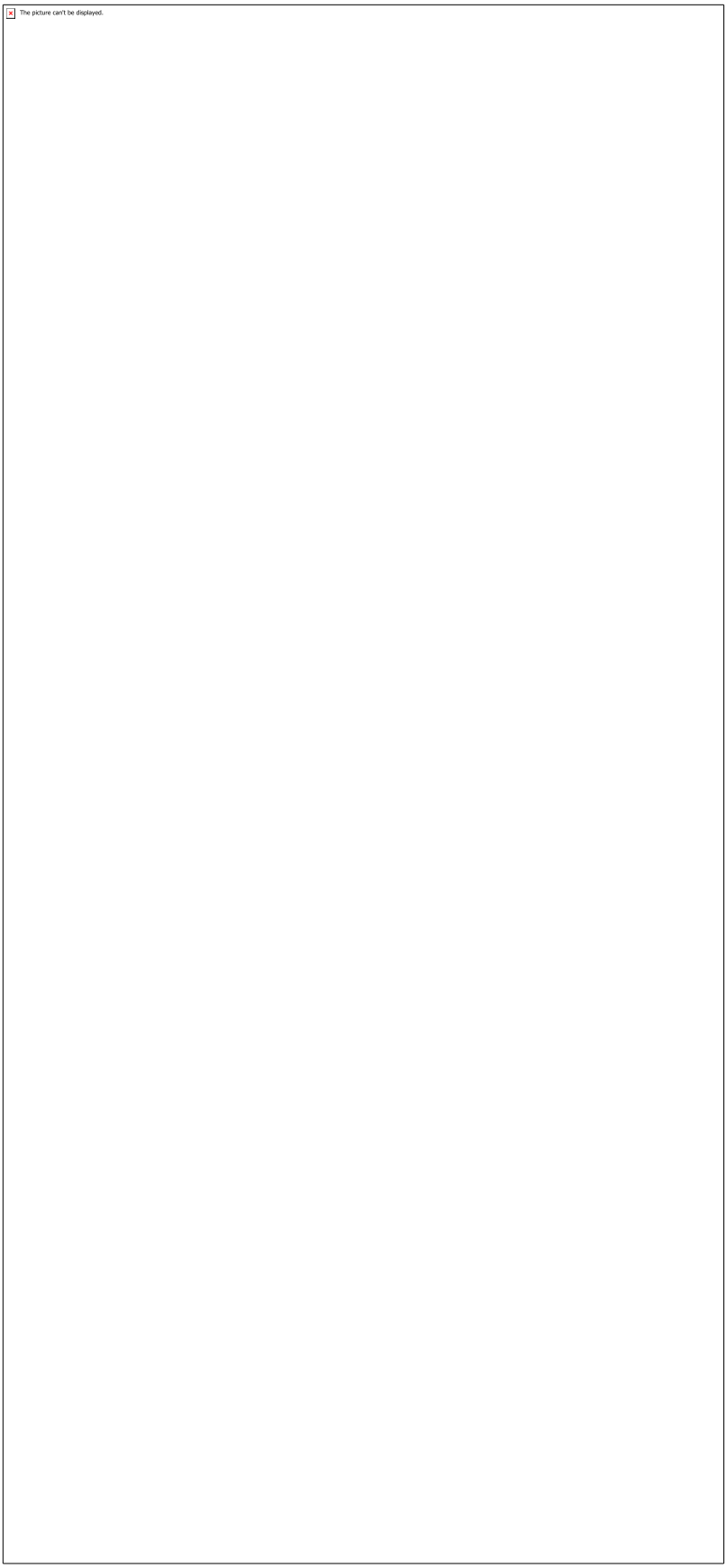
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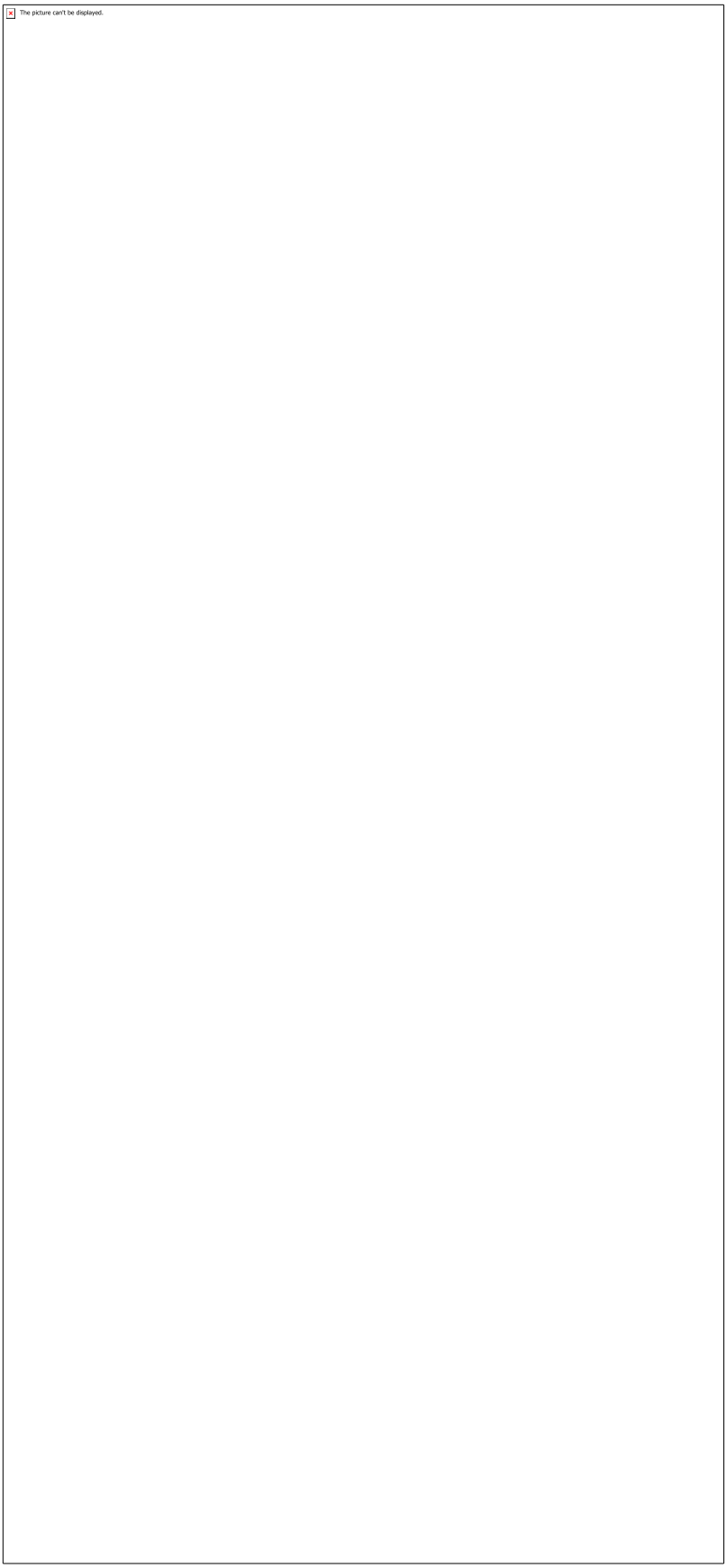
### 4.4.2 Custom Mode

**Function Introduction**

Customize power output based on your specific needs throughout the day. In this mode, you can set a 24/7 schedule of photovoltics consumption and storage for the Solarbank system. The system will power your home loads according to the schedule.

**Operation Steps**

Step 1: Select **Custom Mode** in Working Mode and click Save;
Step 2: On the Custom Mode configuration page, click **Add Electricity Plan**;
Step 3: Select **Week** and **Add time slot**, then click Save to generate a electricity plan.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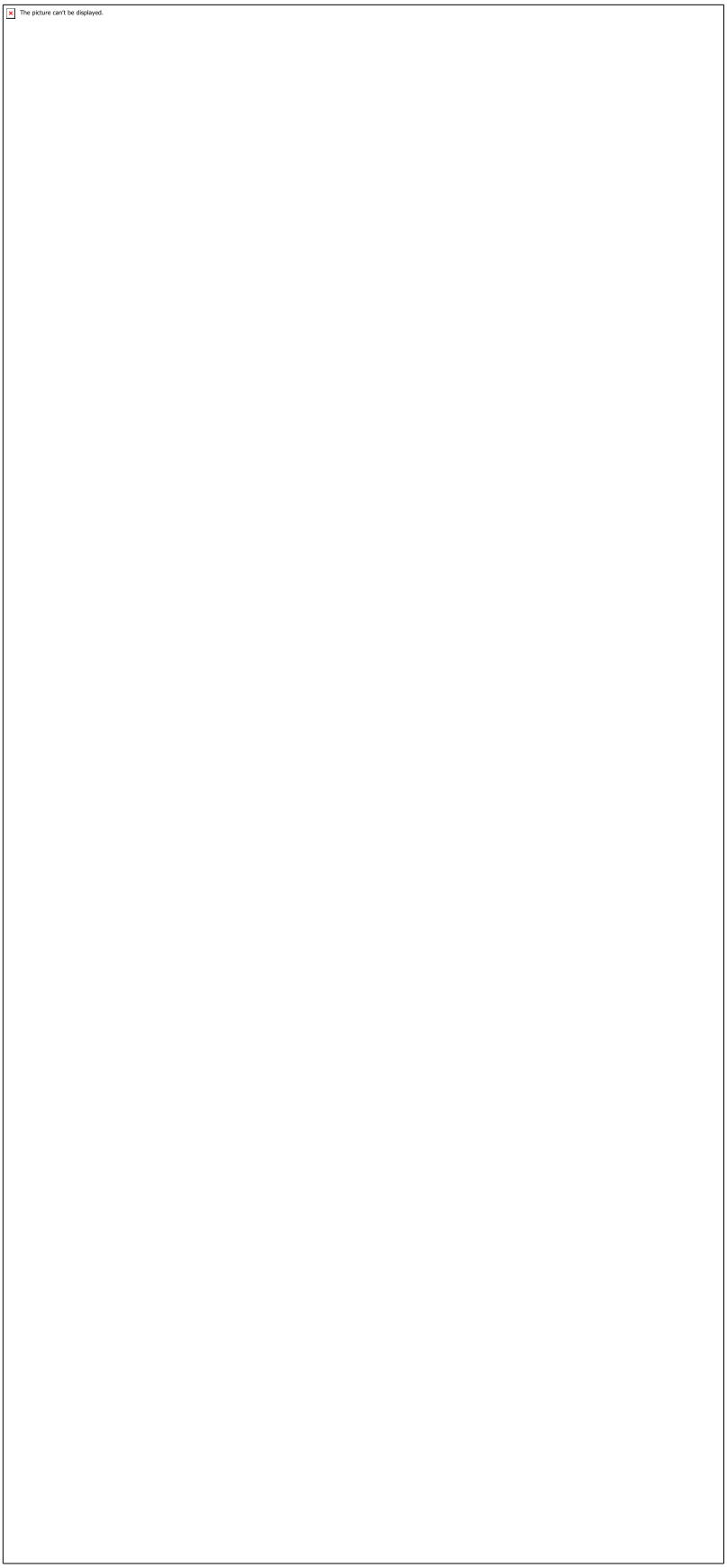
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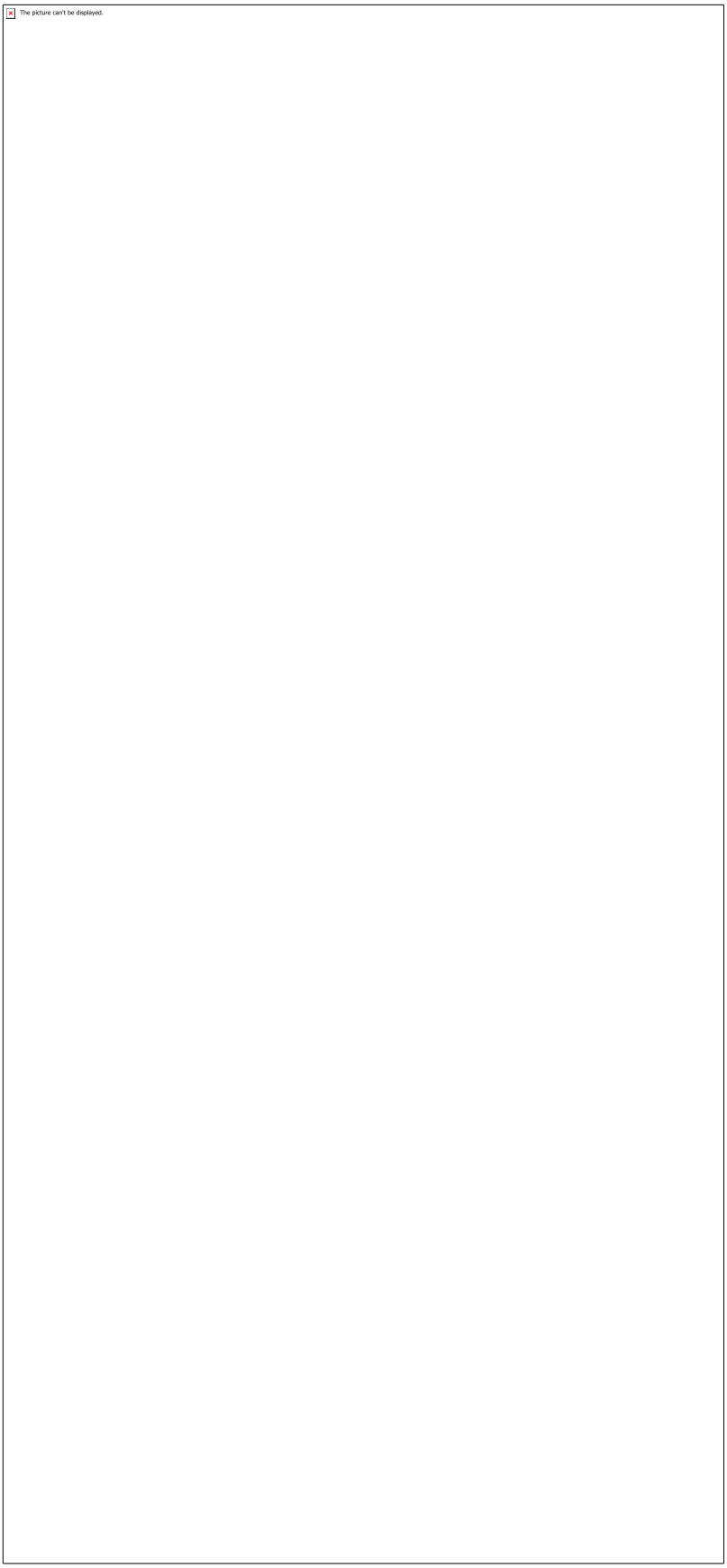
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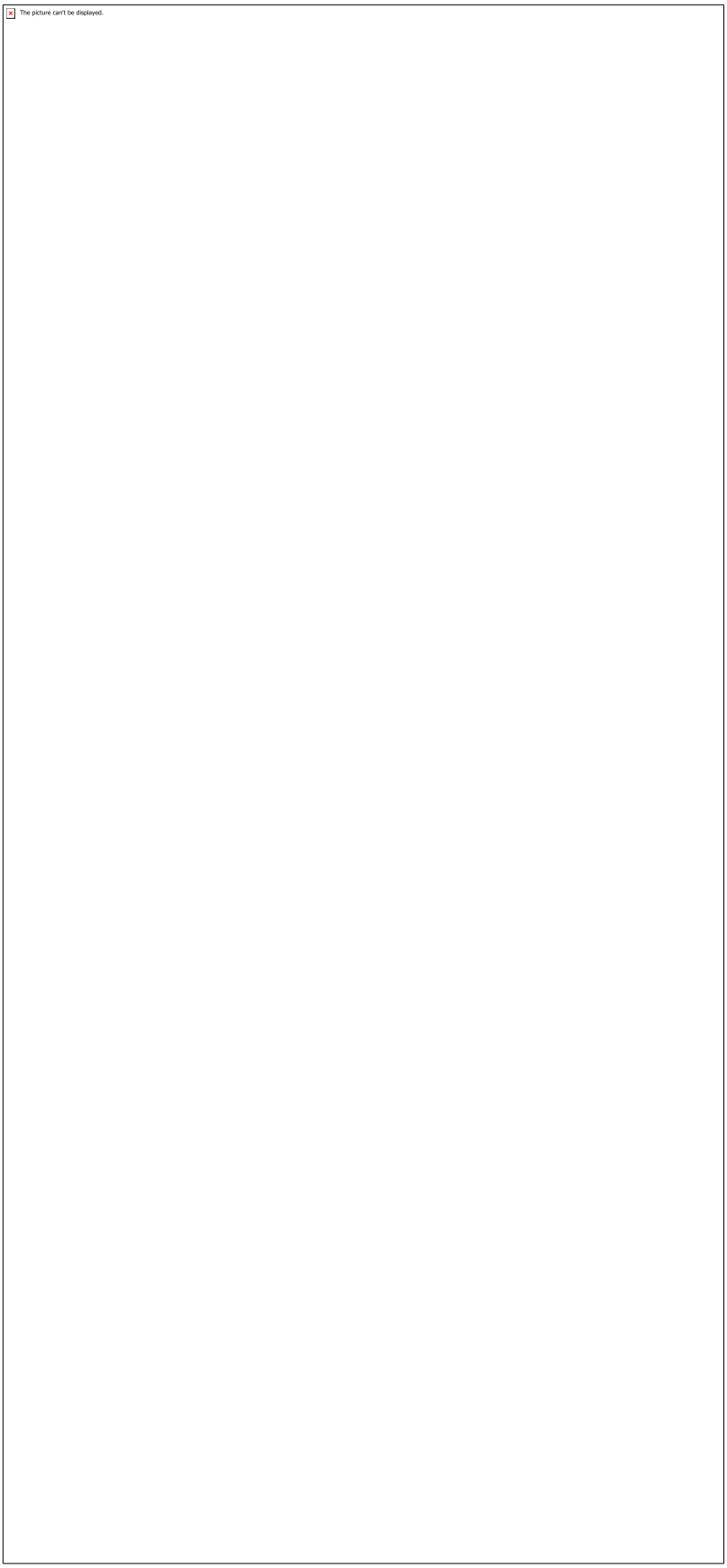
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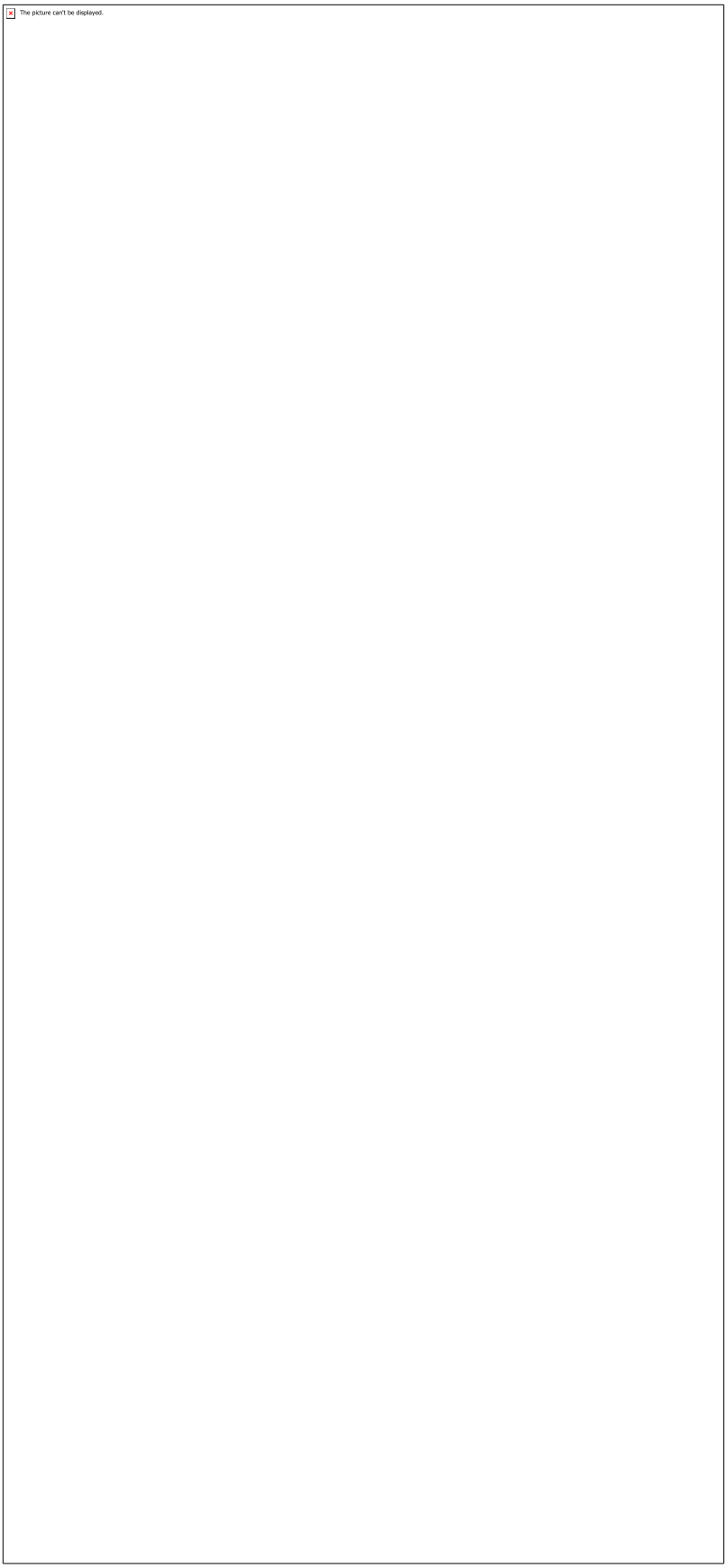
#### 4.4.3 Backup Mode

**Function Introduction**

Ensure backup power during storms or grid instability by activating prioritized charging from Grid.

**Operation Steps**

Step 1: Select **Backup Mode** in Working Mode and click Save;
Step 2: Set Minimum SOC.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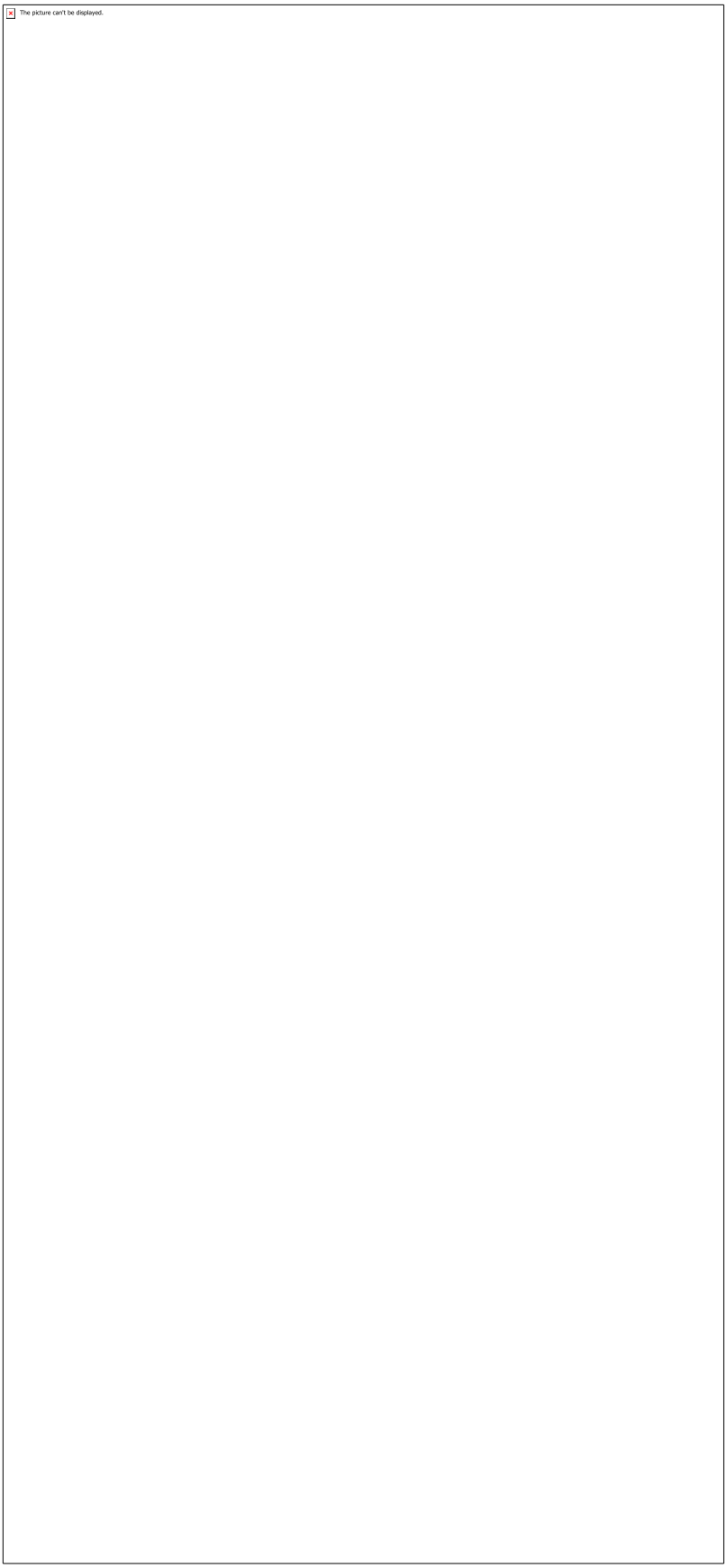
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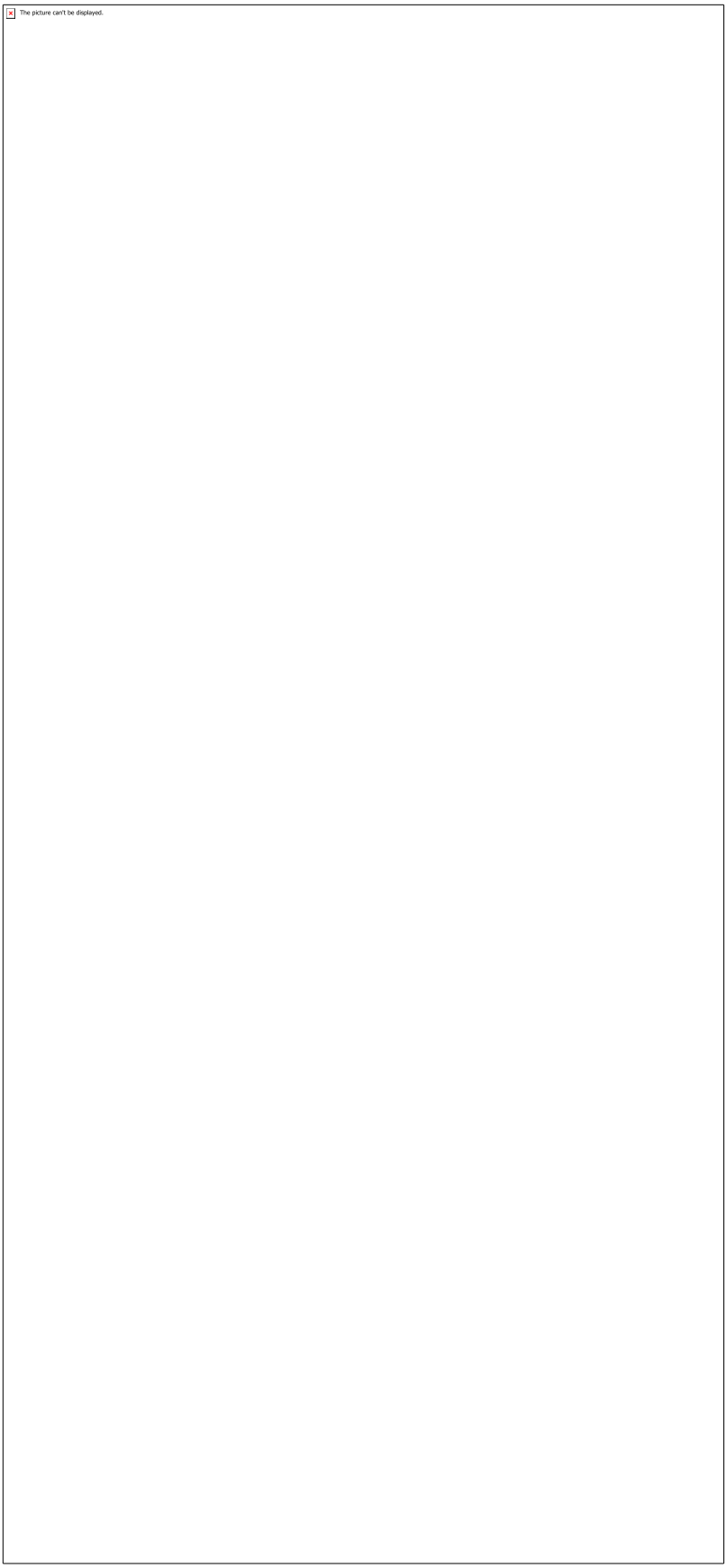
### 4.4.4 Time Of Use Mode

**Function Introduction**

Manually set the charge and discharge intervals to schedule energy use throughout the day.

**Operation Steps**

Step 1: Select **Time Of Use Mode** in Working Mode and click Save;
Step 2: Click **Add Operation Strategy**to enter the operating strategy configuration page;
Step 3: Select **Weekly Repeat** and **Add time slot**, then click Save to generate a power consumption schedule.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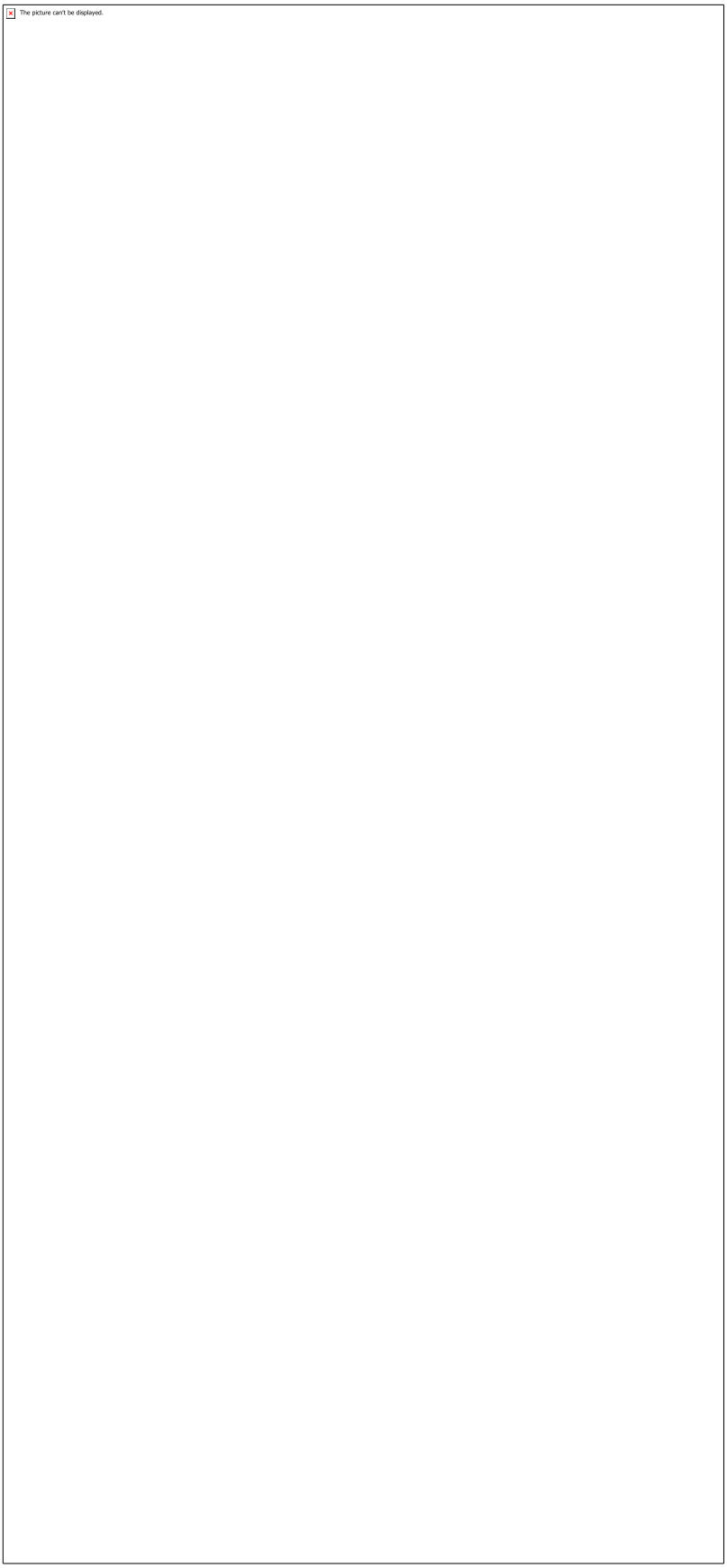
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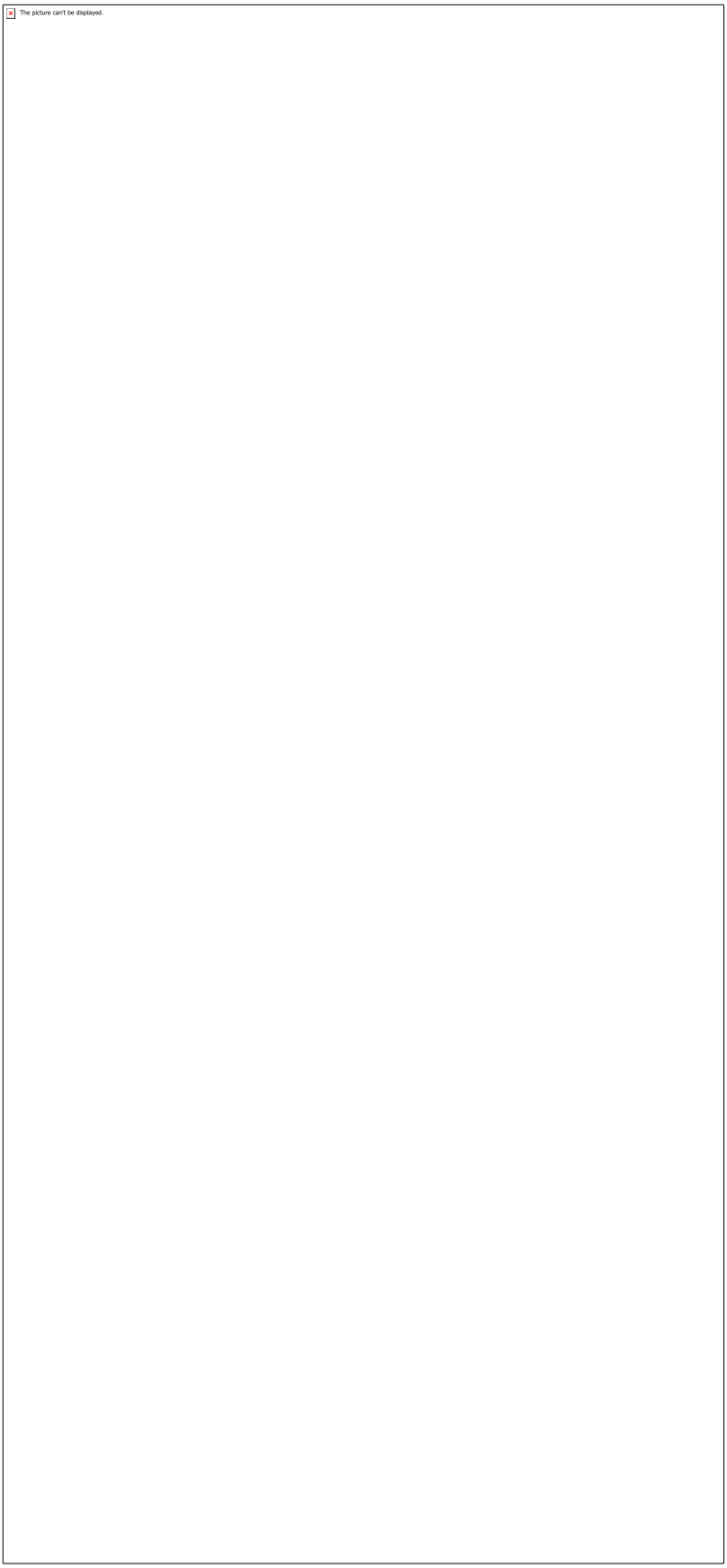
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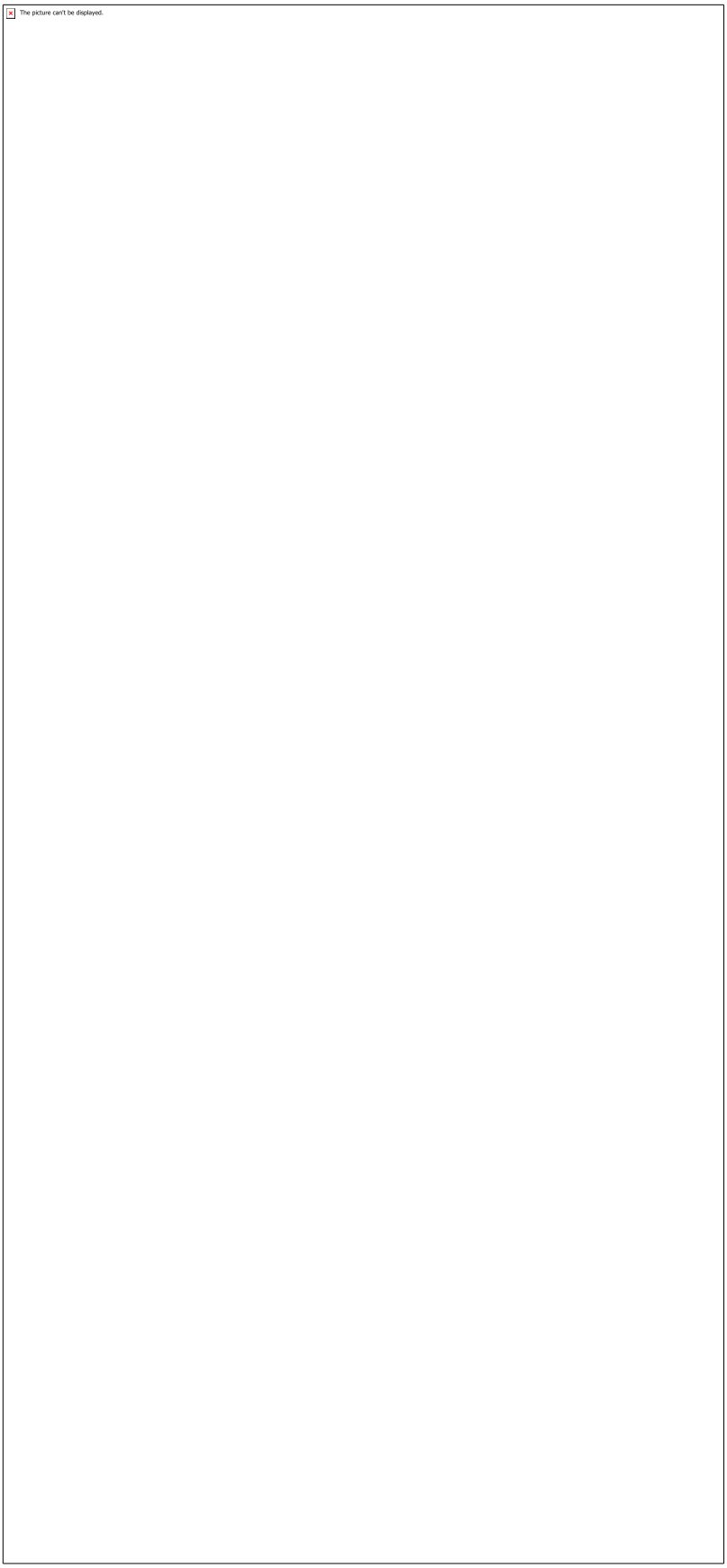
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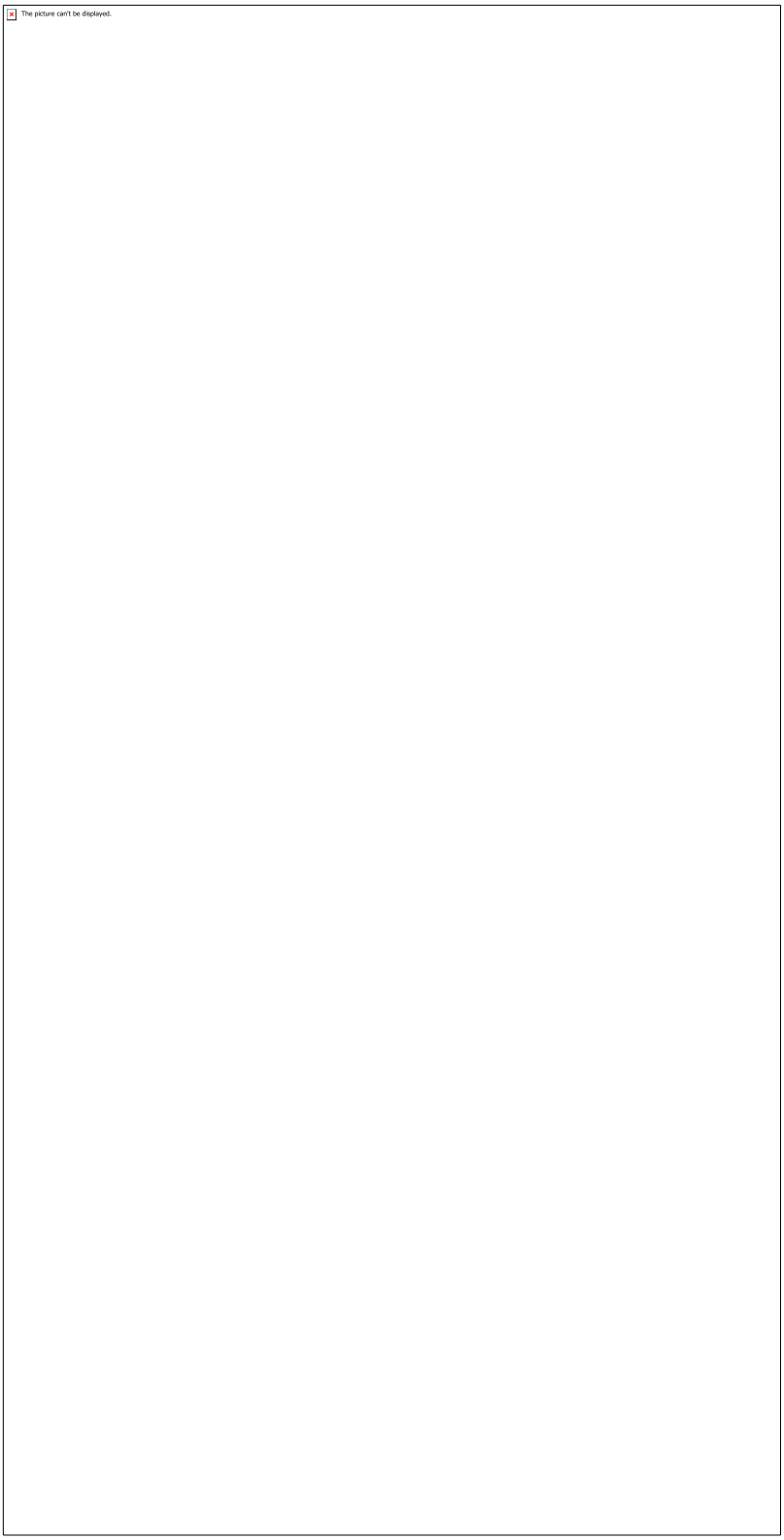
#### 4.4.5 VPP Mode

**Function Introduction**

Authorize VPP operators to remotely and intelligently schedule the charging and discharging of your batteries under specific conditions to achieve stability and economic benefits for the entire power grid.

**Operation Steps**

Step 1: Select **VPP Mode** in Working Mode and click Save;
Step 2: Select **Frank Energy**;
Step 3: Fill in registration information;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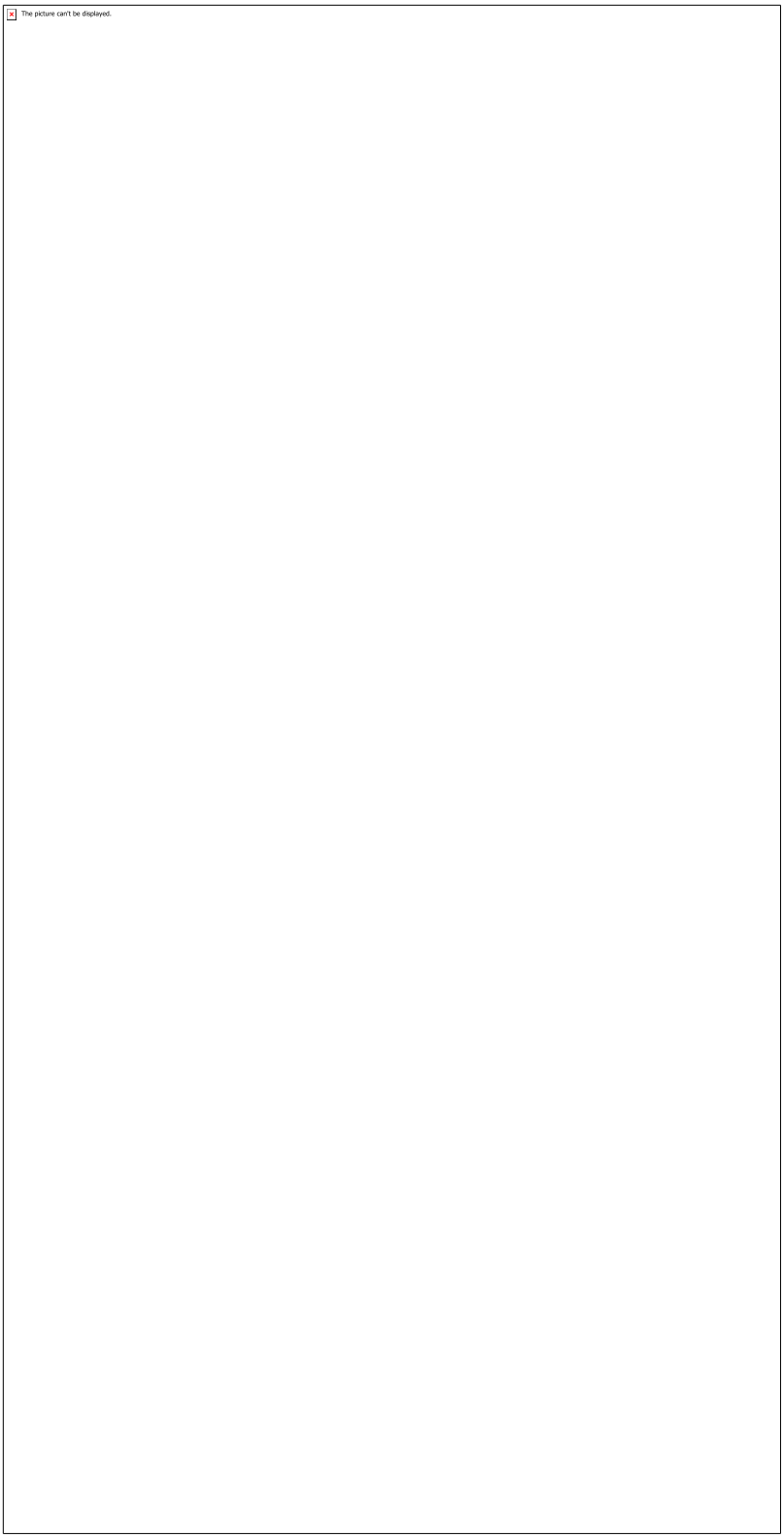
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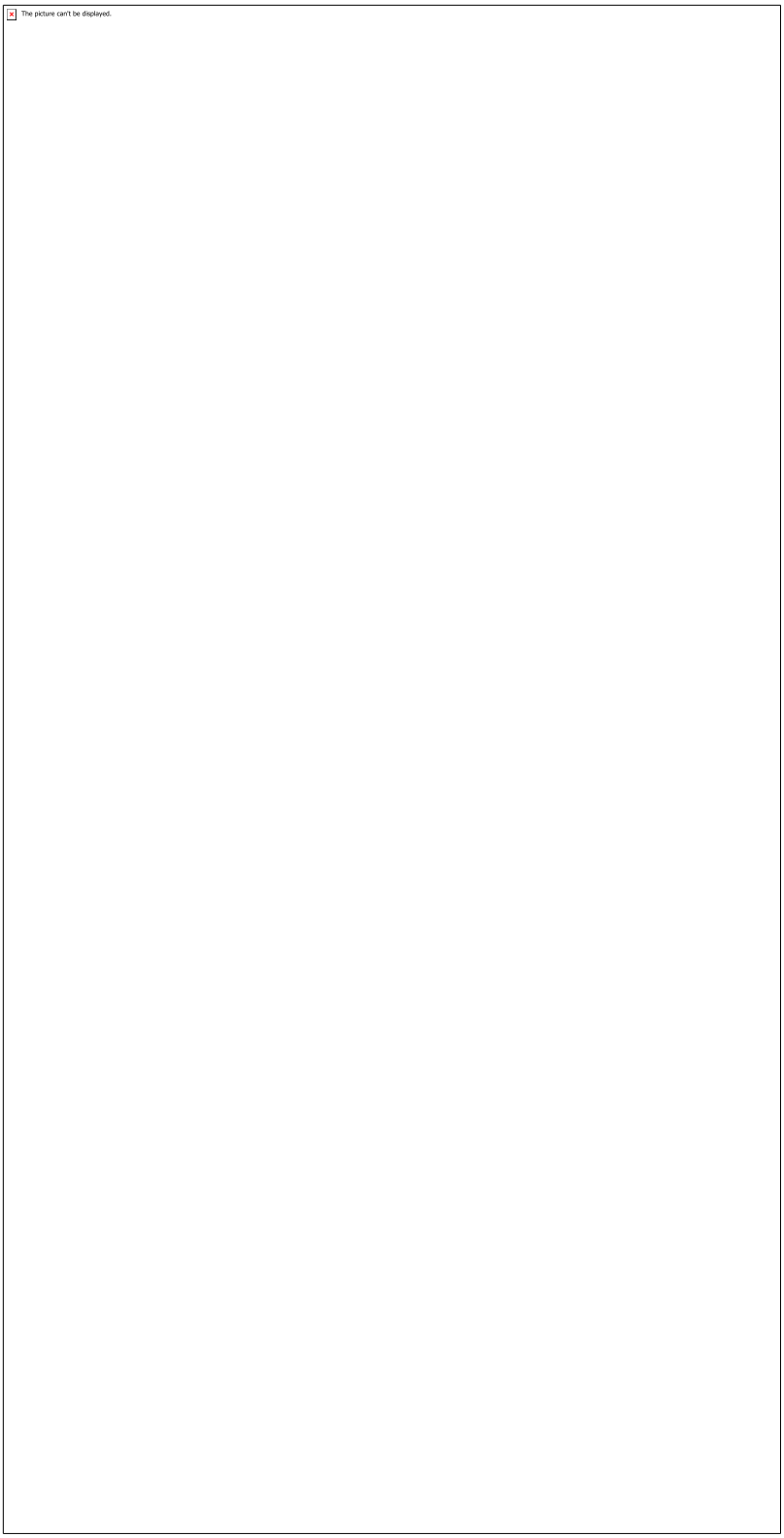
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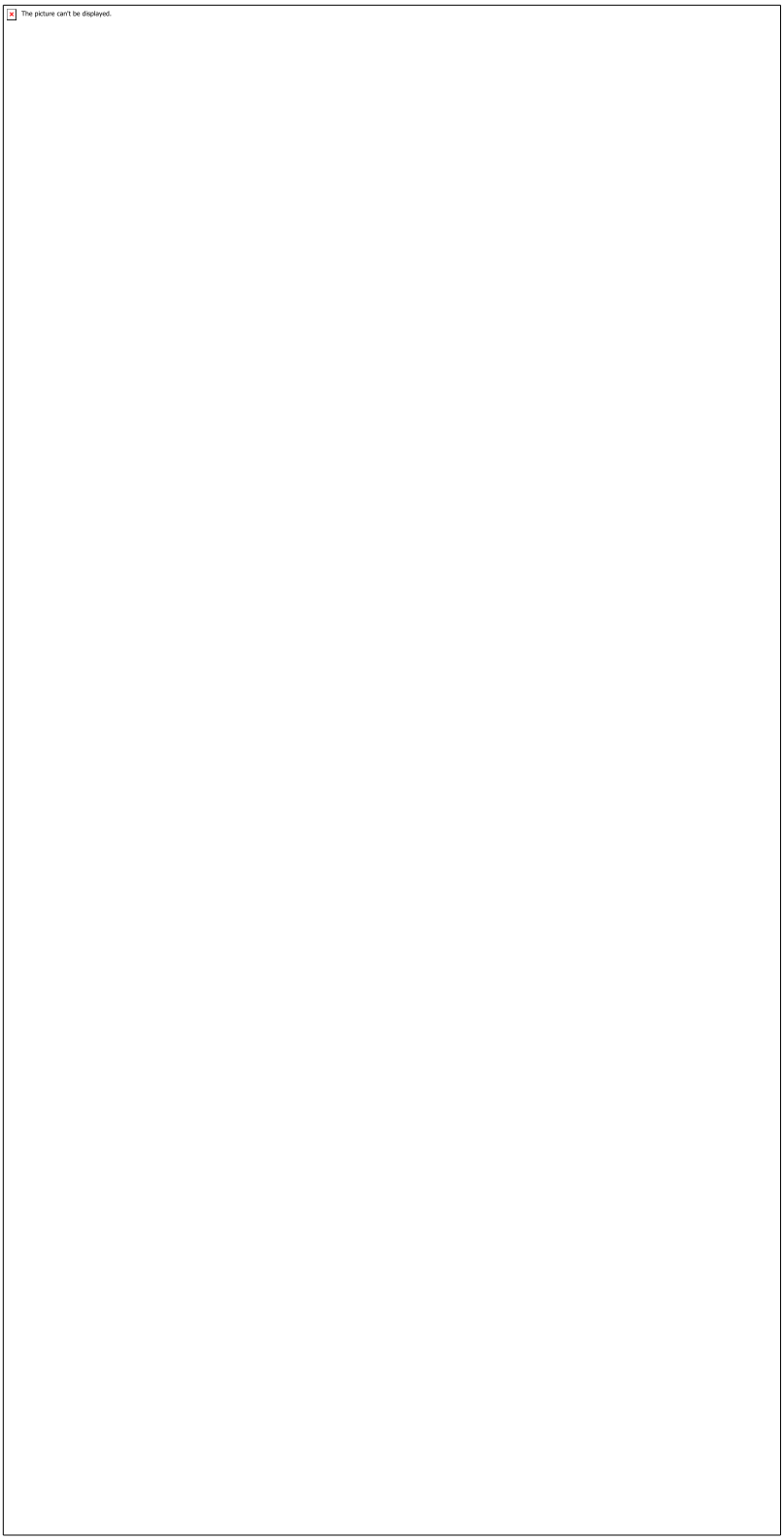
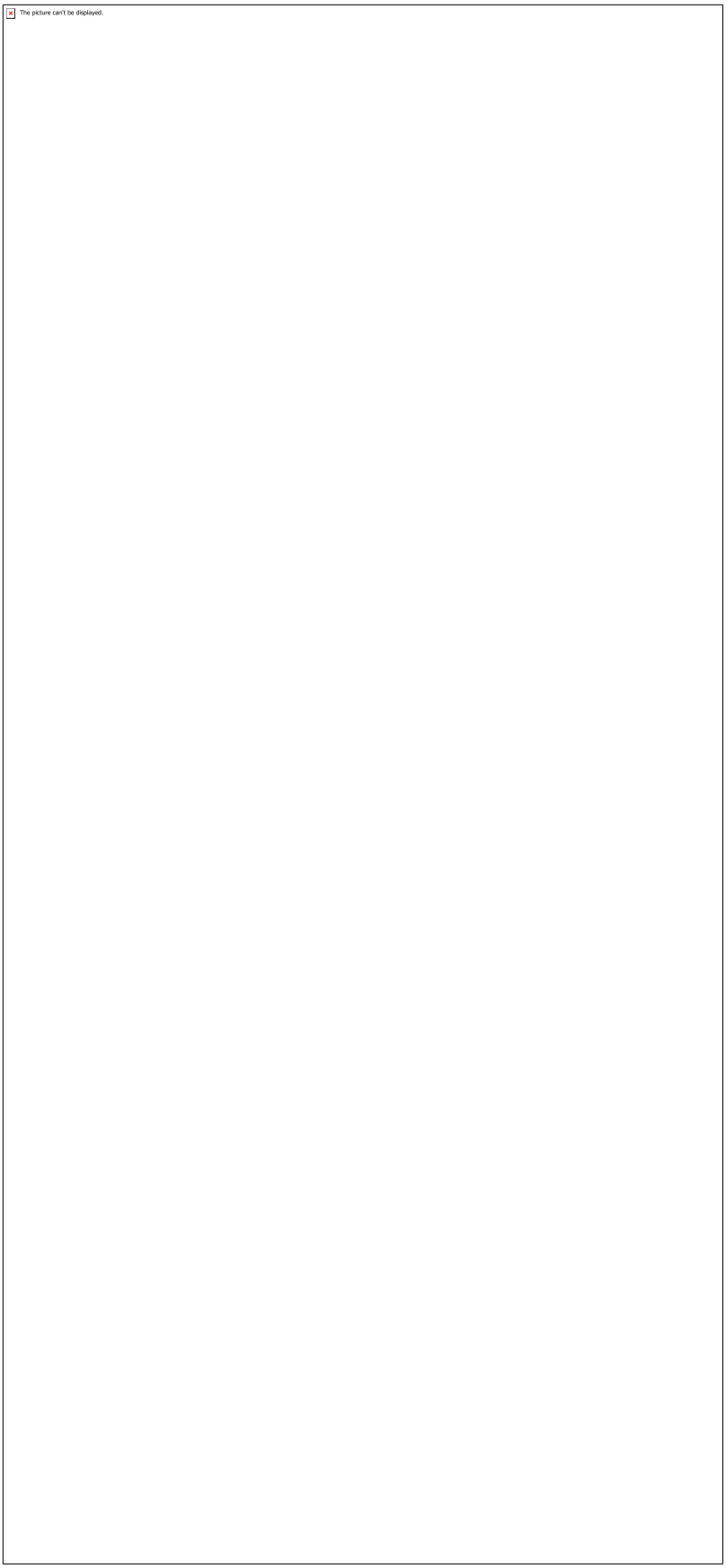



# 5 Layout

Only display when micro-inverters are present.


The picture can't be displayed.

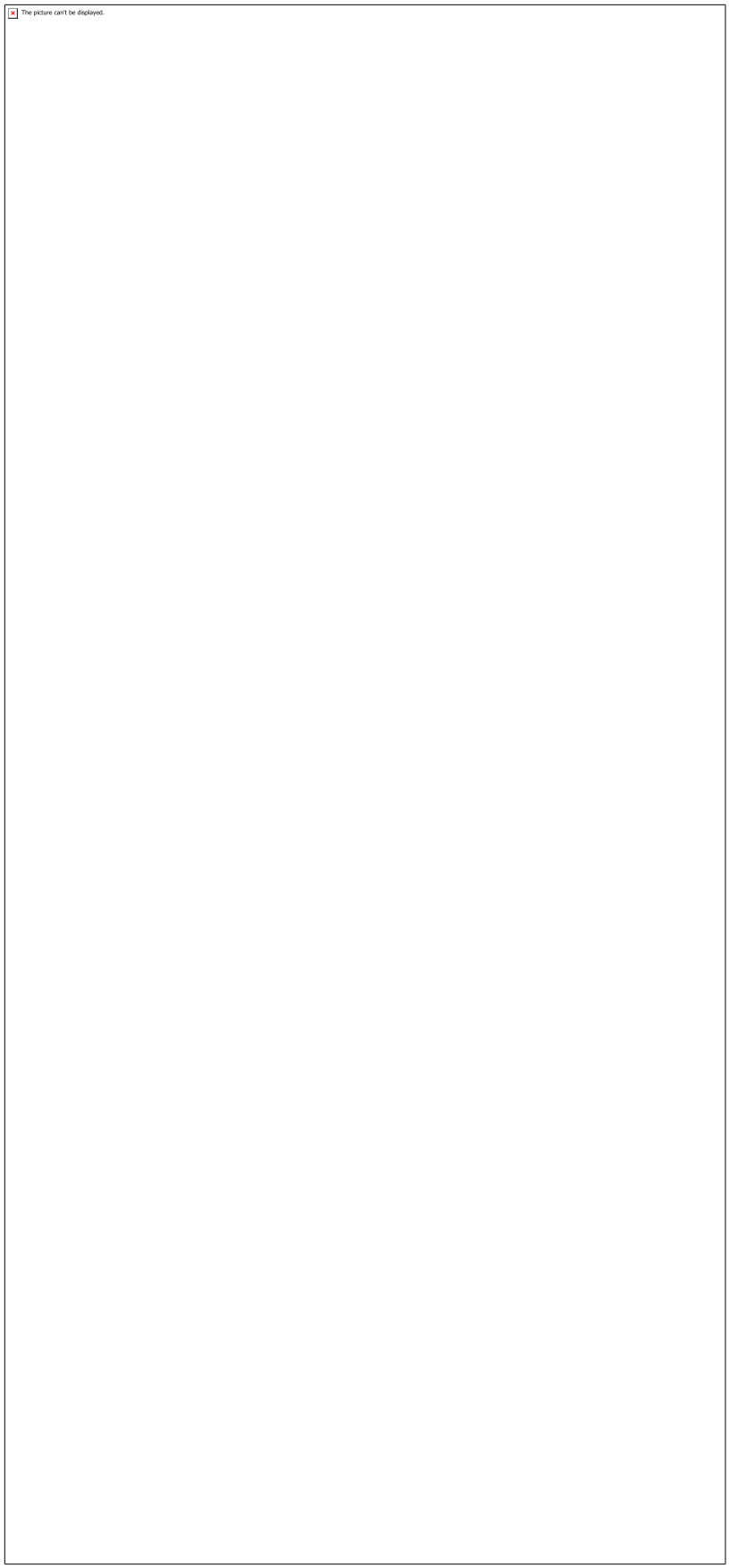
| Serial Number | Function | Description |
|---|---|---|
| 1 | Toggle View Type | It is divided into physical layout and logical layout. |
| 2 | Select Layout | Canvas selection for physical layout. Logical layout does not have this option |
| 3 | Prompt Information | Click to see an example of all the statuses displayed by the device on the page. |
| 4 | Positioning | Click to restore the display screen (state after zooming and dragging left and right) to the initial centered state. |
| 5 | Filter Button | Filter the currently displayed data, and use it for targeted viewing when there are multiple data. |
| 6 | Power and generation switching | Display data can be switched to power, daily power generation, monthly power generation, annual power generation, and cumulative power generation. |
| 7 | Date Switch | Toggle viewing historical date data |
| 8 | Playback speed | Speed switching during dynamic playback, you can select low, medium and high three gears. |
| 9 | Play pause button | Control curve data play or pause. |

**Function introduction**

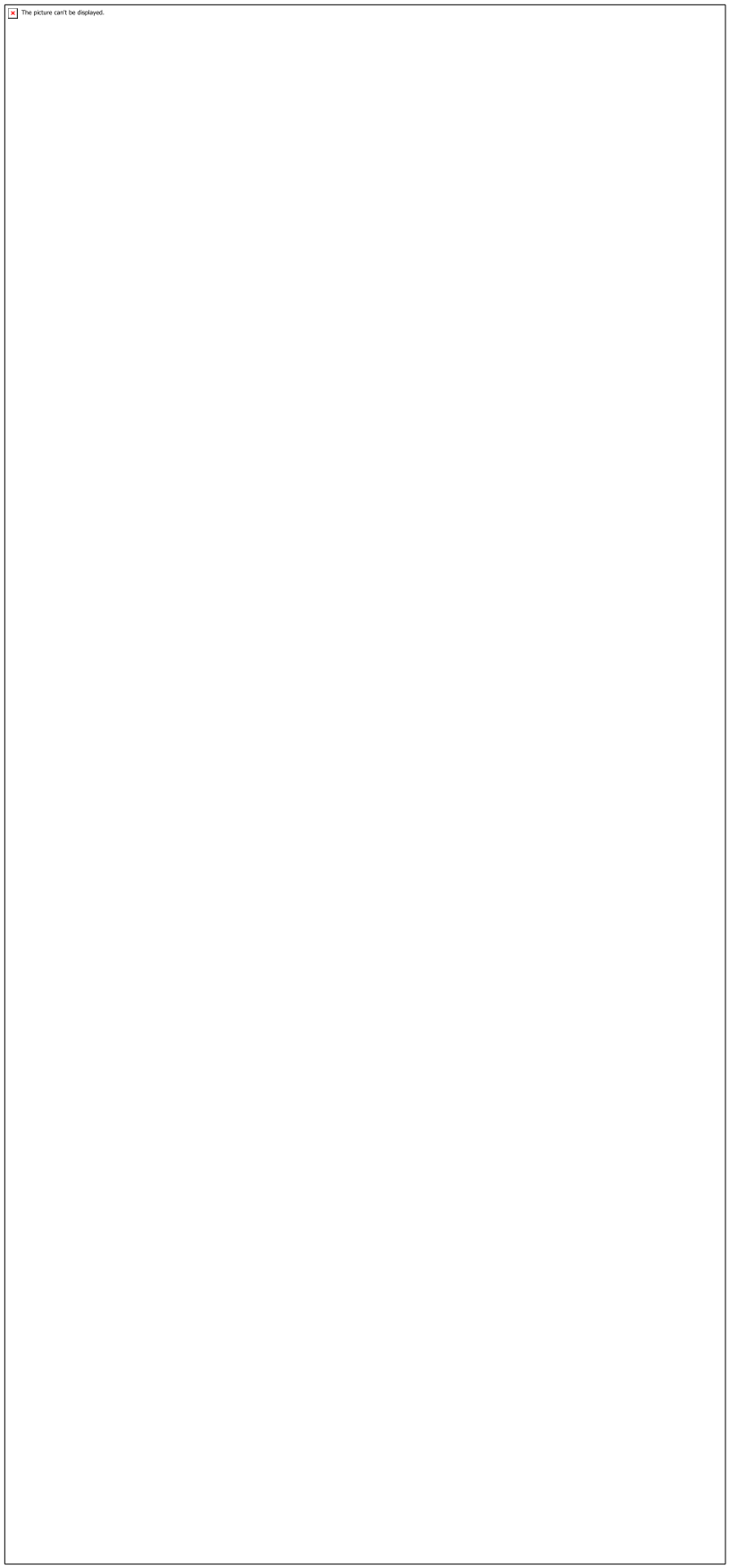
It is divided into logical view and physical view.

1. Logical layout: there is the hierarchical relationship of ownership, the micro inverse under the DMU association and the hierarchical relationship of the associated photovoltaic panels.
2. Physical layout: focus on the real scene layout display.
3. In the display area of the device, you can pinch and zoom with two fingers, and drag the layout up, down, left and right to view the details.

4. The component can click on the pop-up window to view the details of the micro-inverter and photovoltaic panel.


The picture can't be displayed.

5. Filter. All is selected by default. You can search by SN or device name. Check or cancel whether to display this device on the display page.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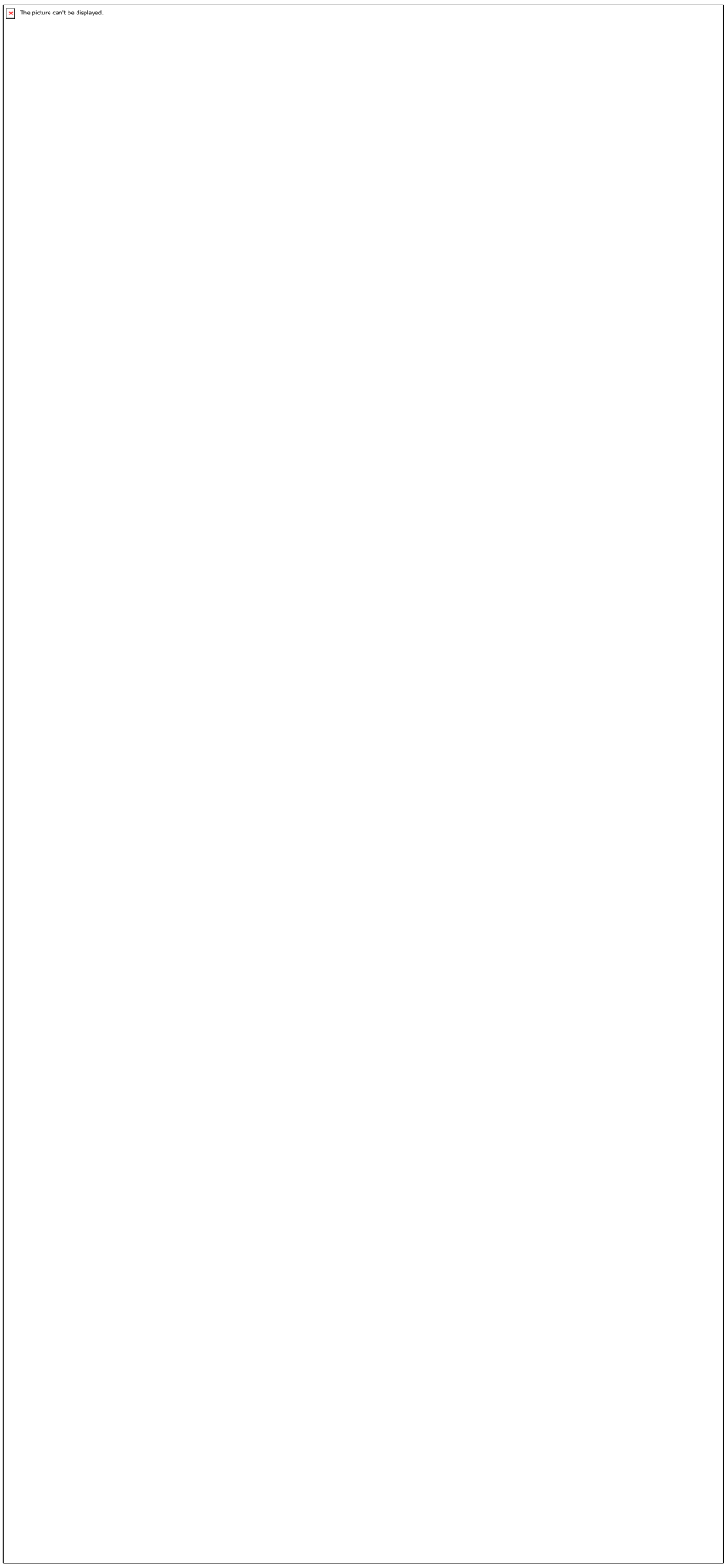
# 6 Me Page

## 6.1 Profile

### Function Introduction

Click the account to enter the account information interface and view the relevant information of the account.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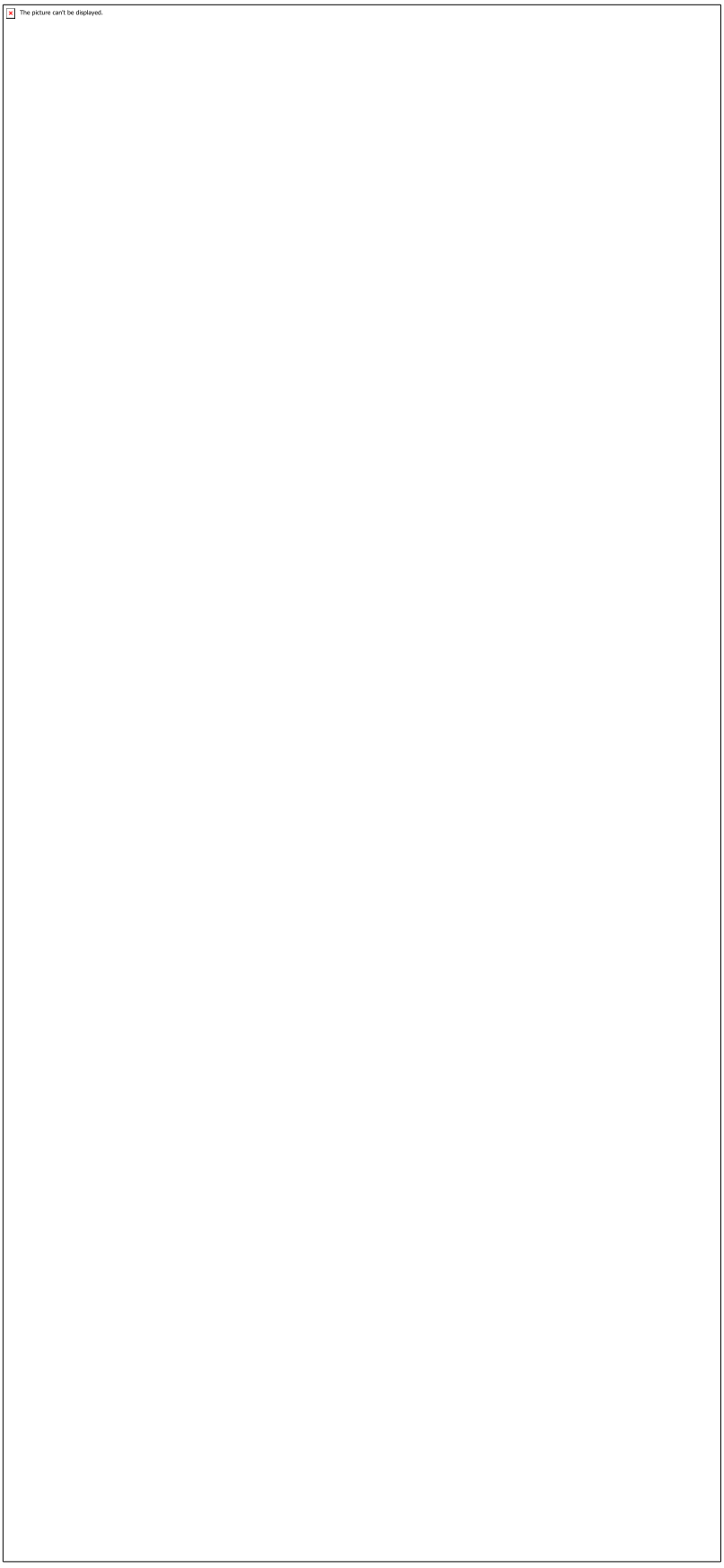
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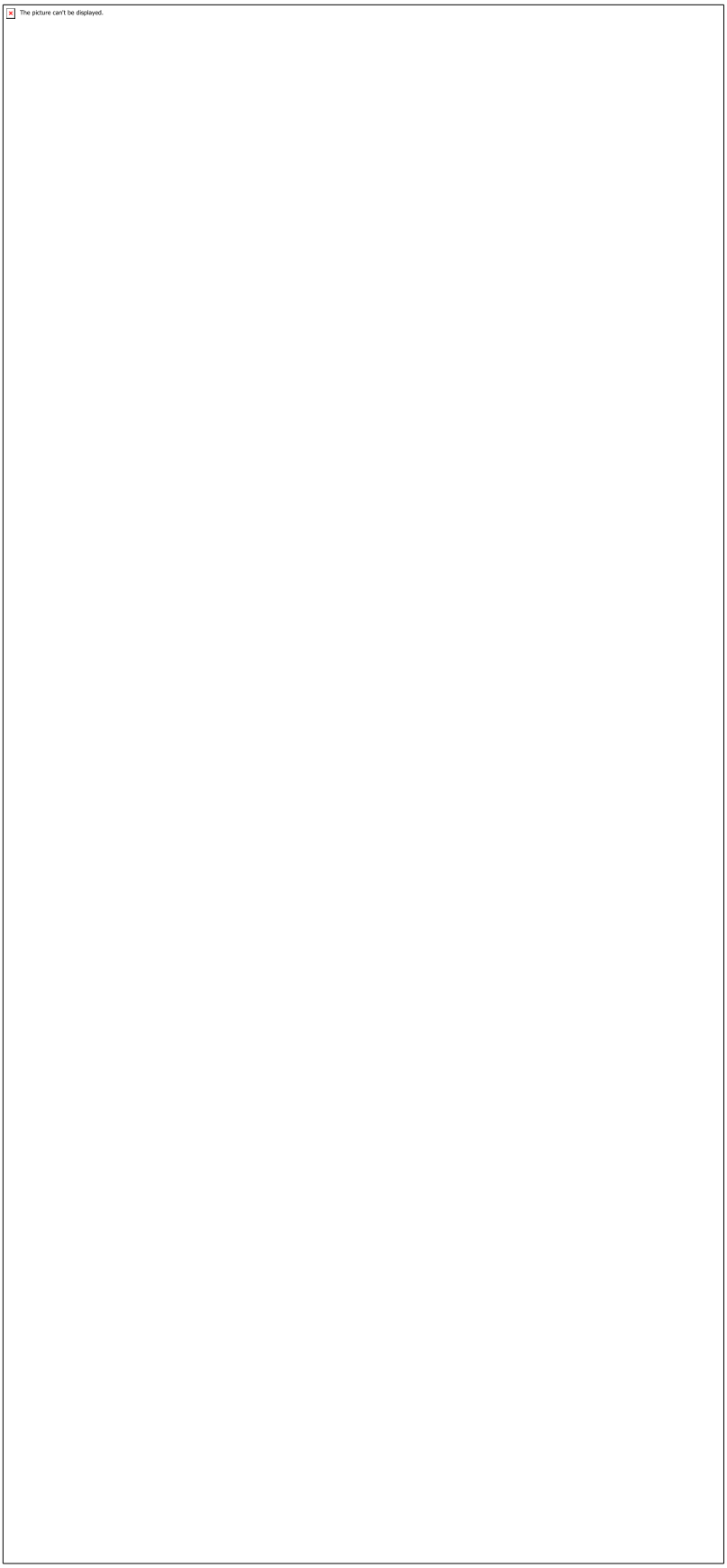
## 6.2 Help Center

### Function Introduction

Click on the **Help Center**, you can view user manual, feedback, contact service.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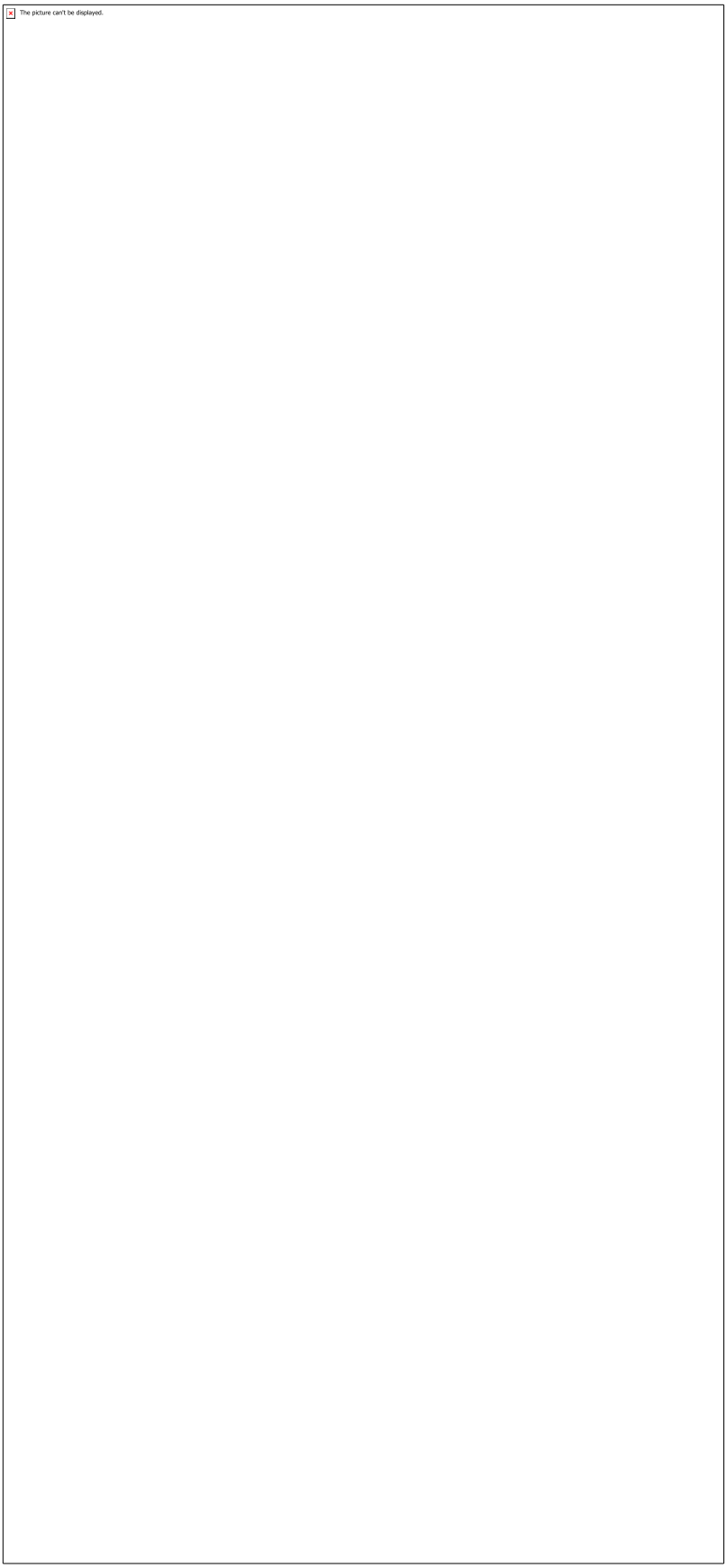
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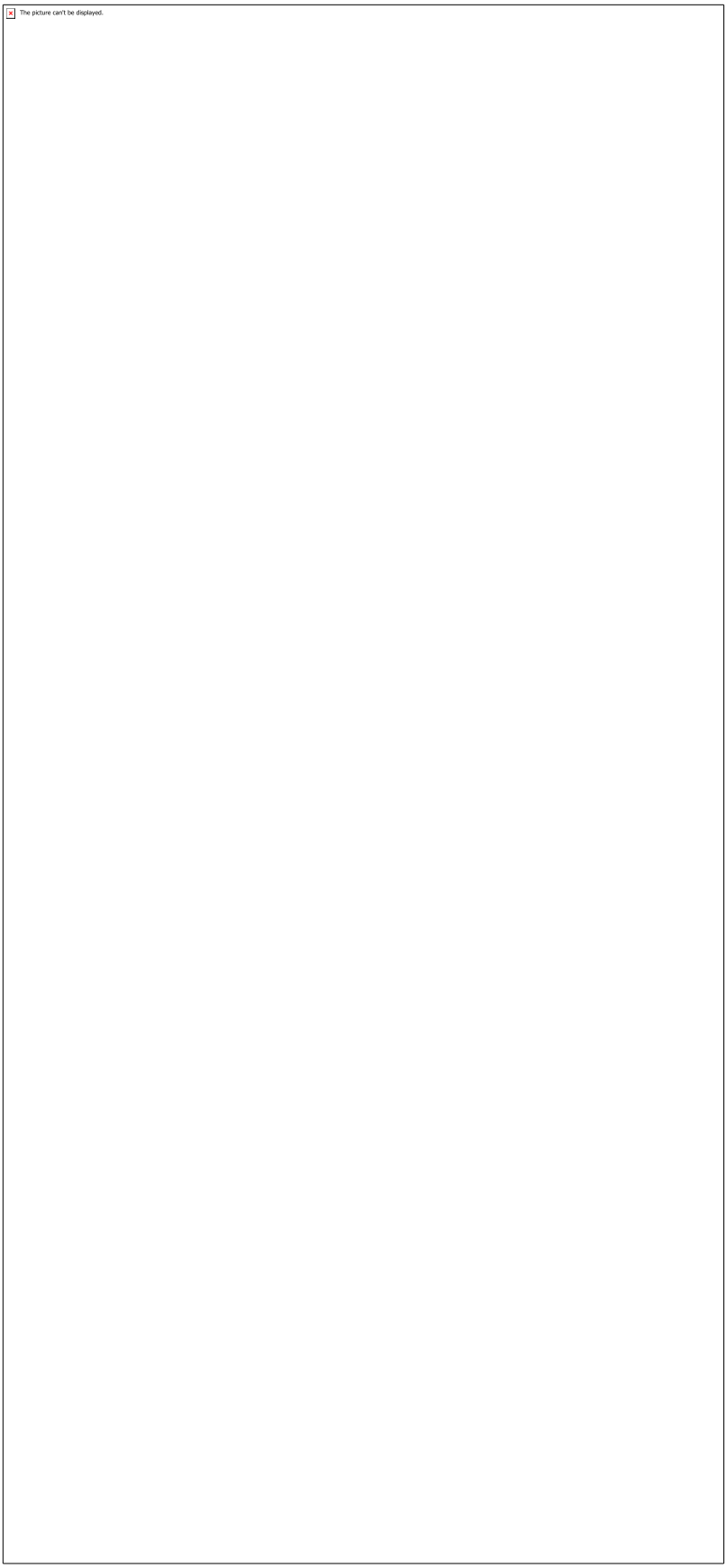
## 6.3 Message Center

### Function Introduction

Click on the **Message Center**, you can view announcement message and alarm notification.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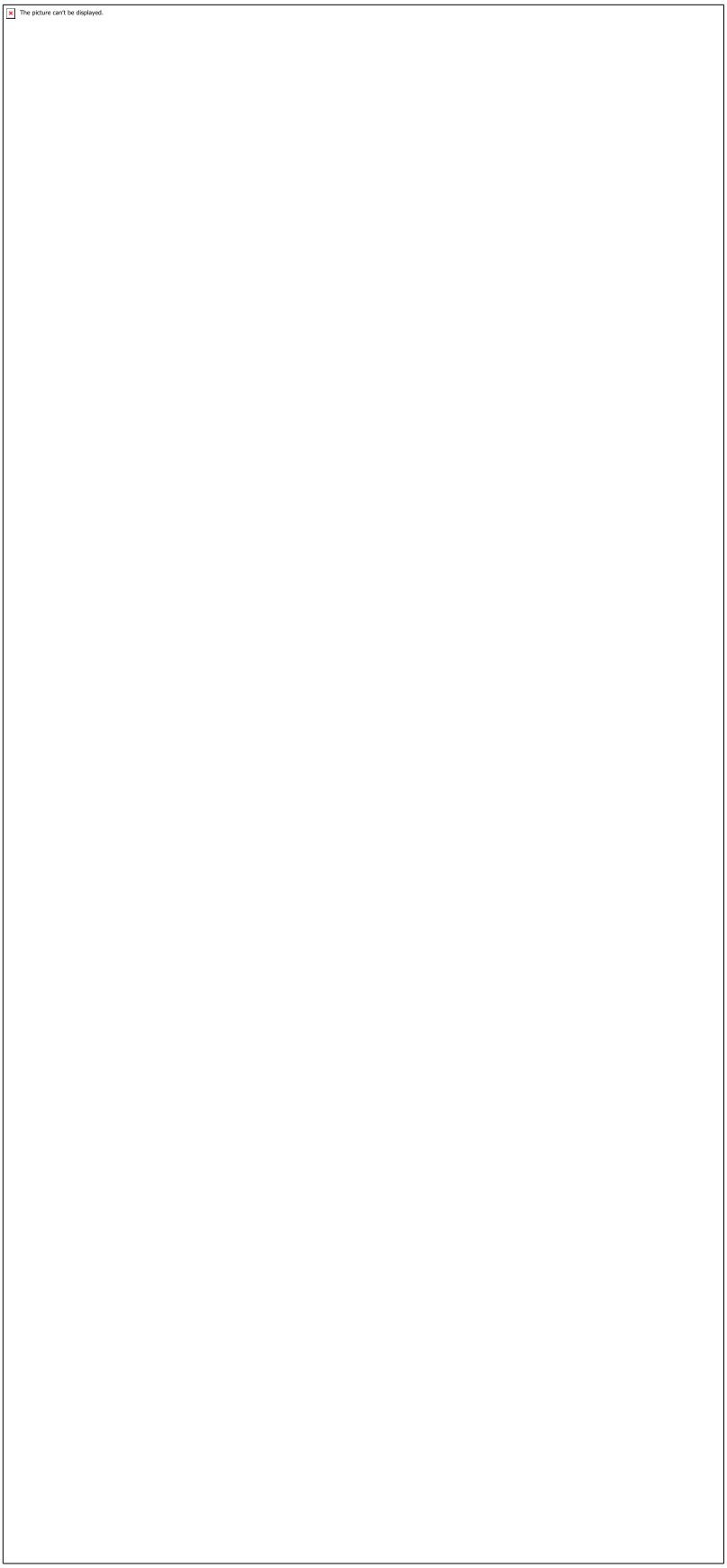
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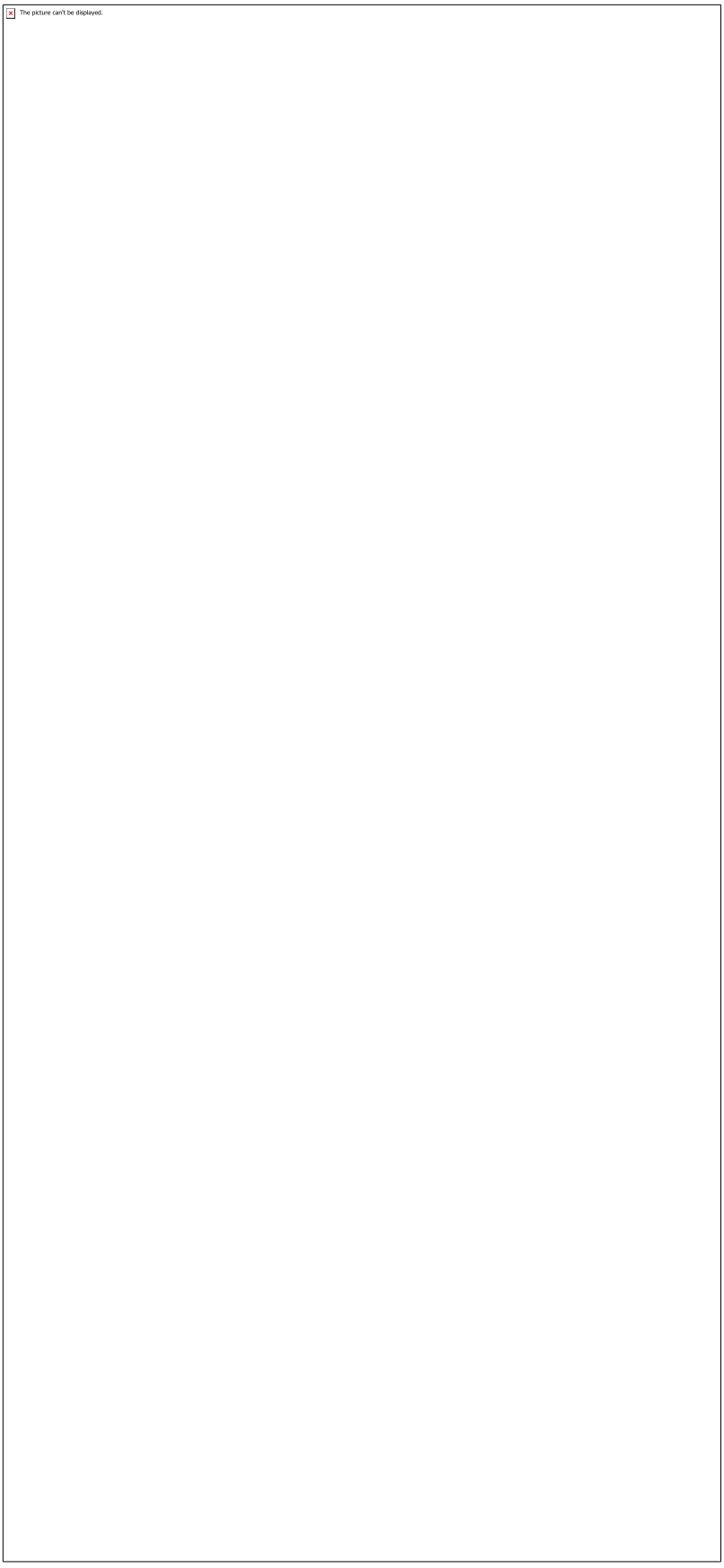
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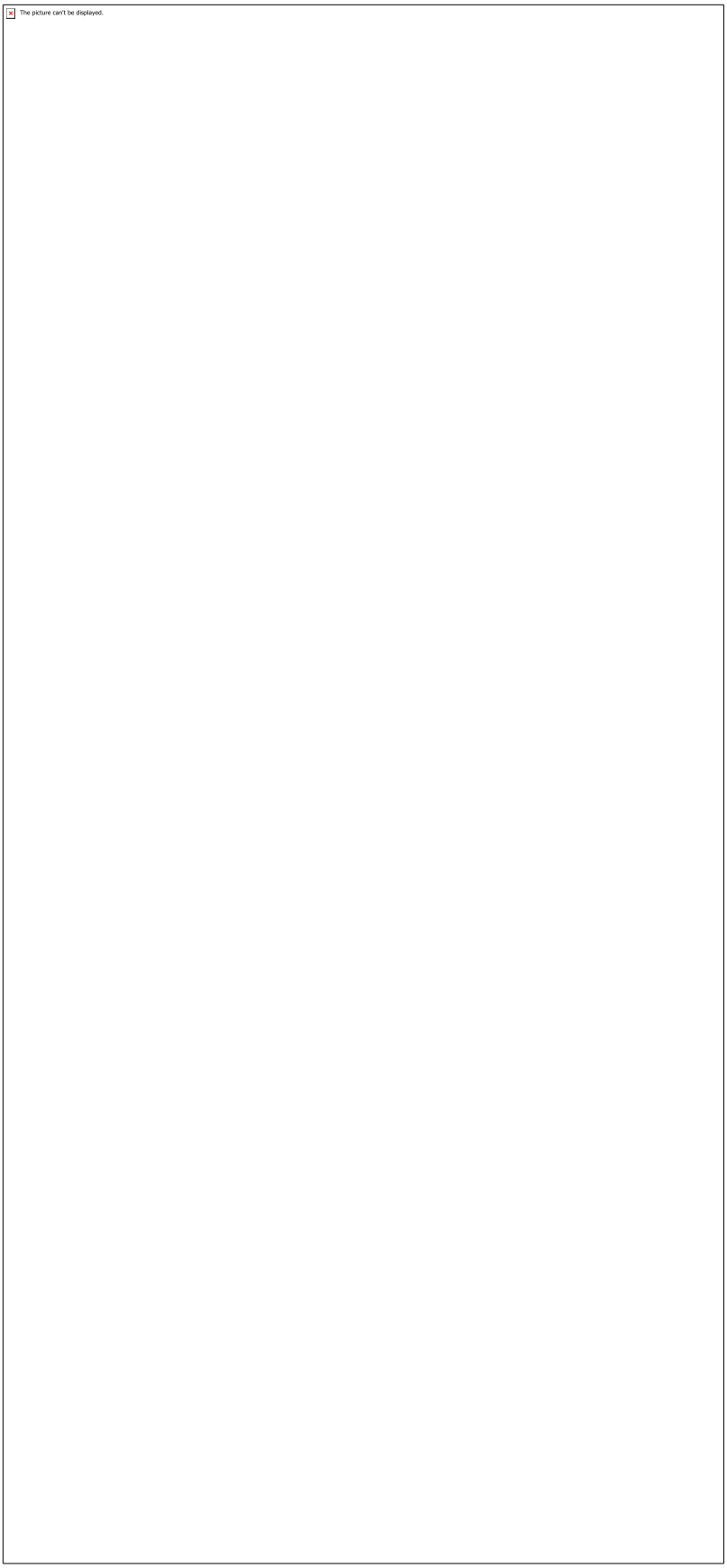
## 6.4 Add Plant

**Function Introduction**

How to add a plant and fill in plant information

**Operation Steps**

Step 1: click **Add Plant** button on the home page or me page;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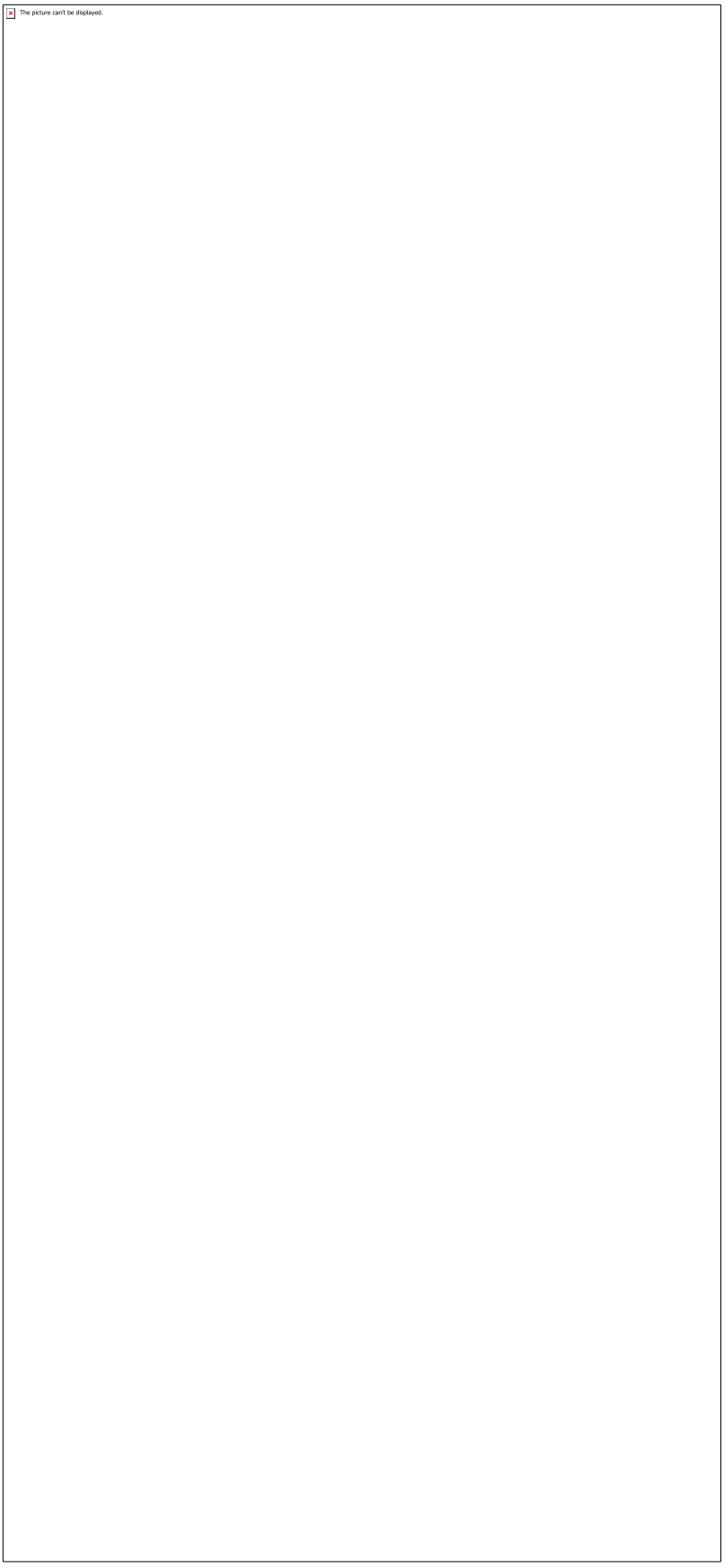
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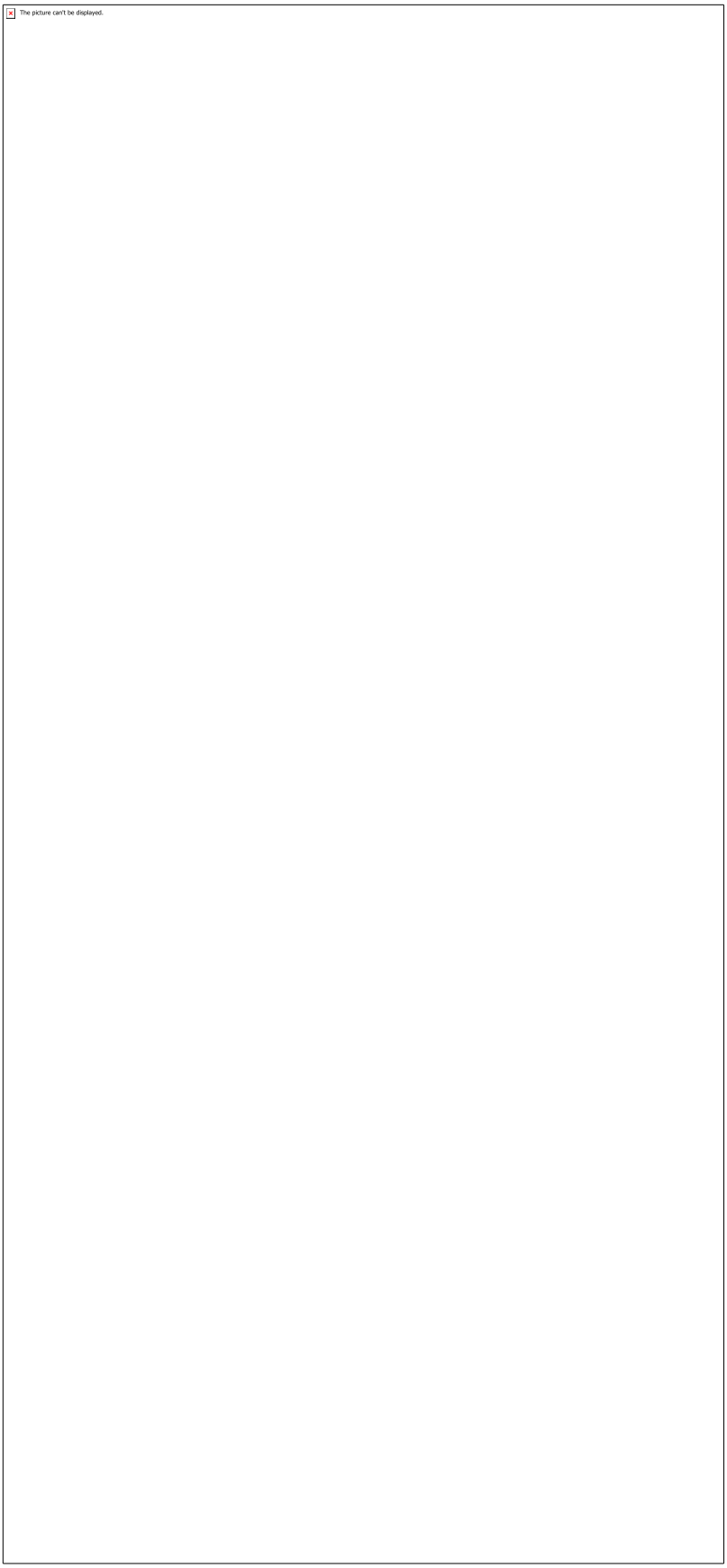
Step 2: On the guide page, you can see the overall process of building the plant and click on “Next” directly.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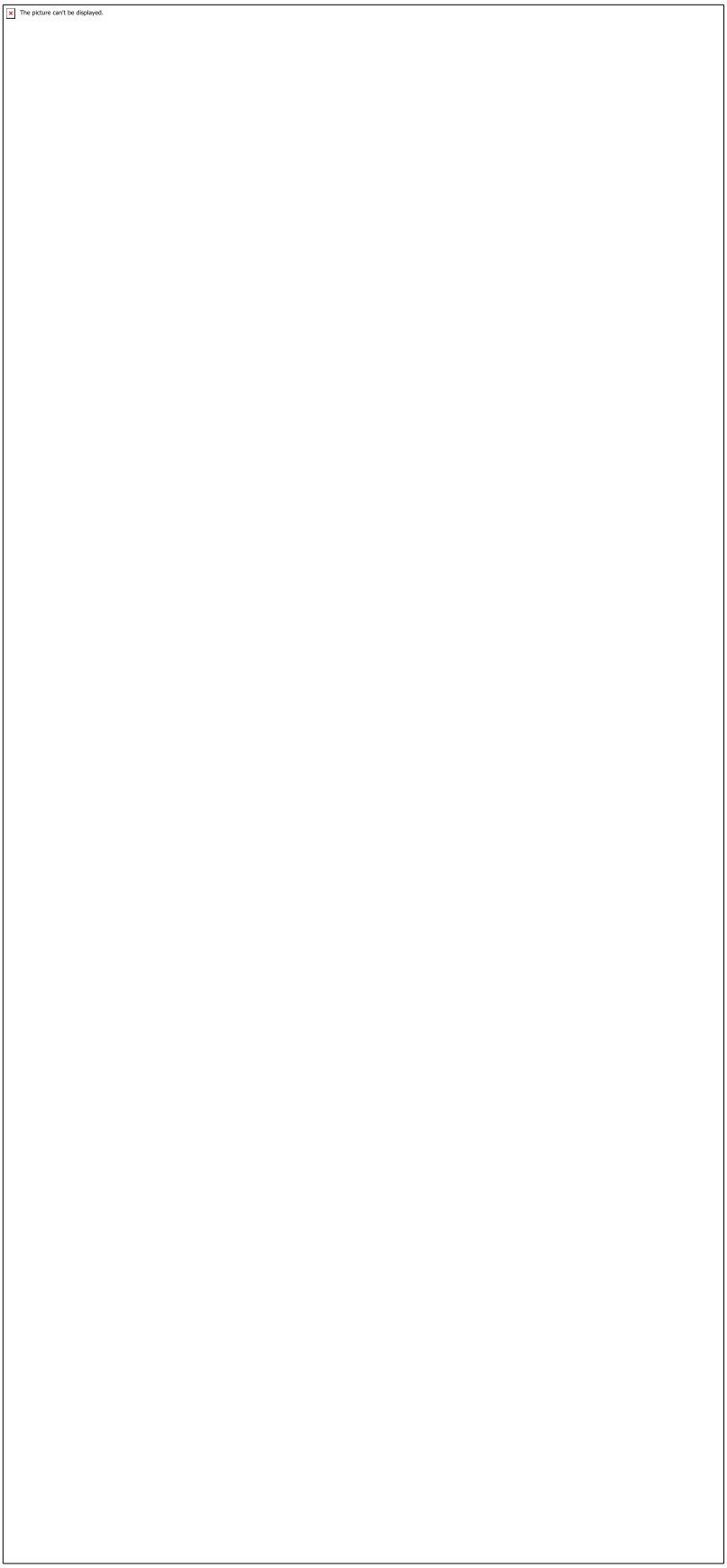
Step 3: Fill in plant information, which includes: owner, plant name, detailed address, time zone, photovoltaic installed capacity.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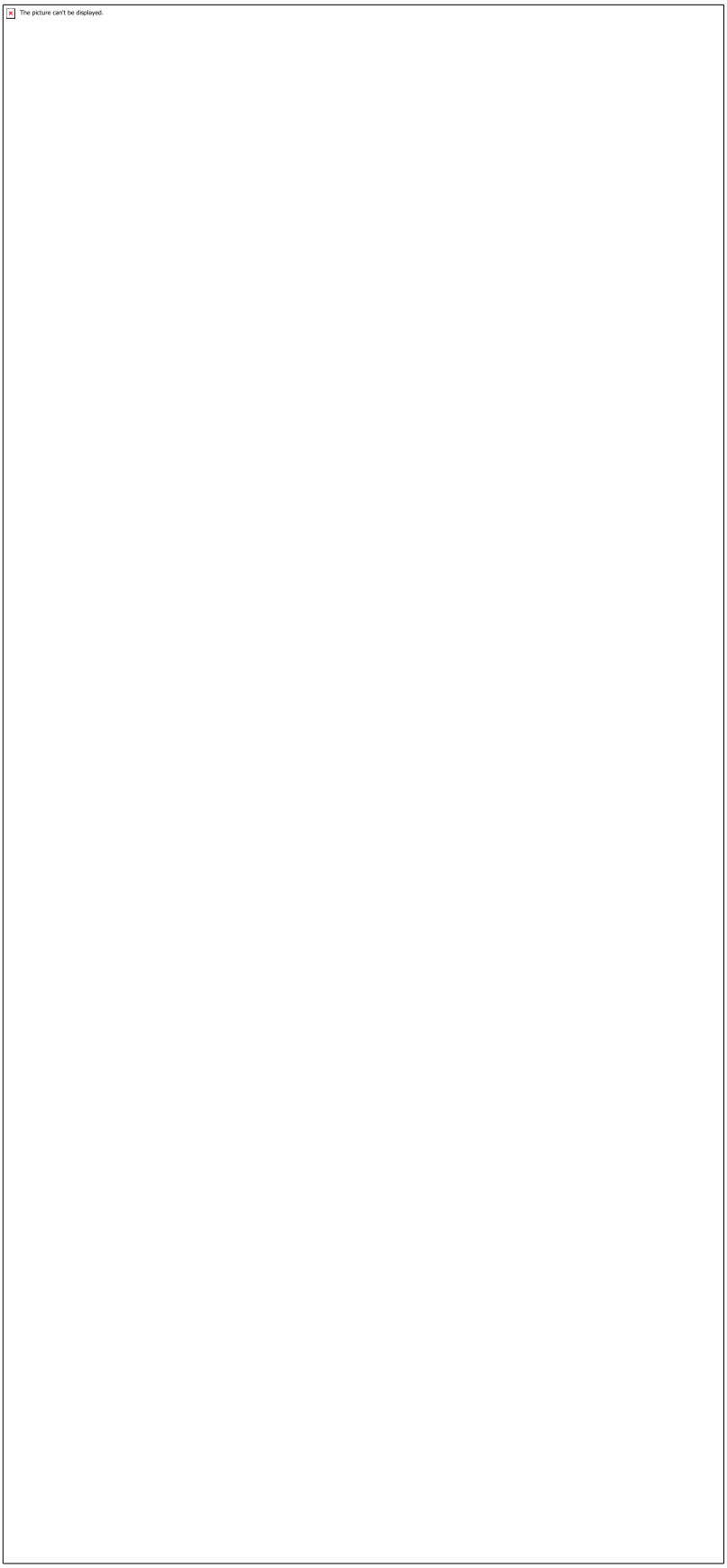
Step 4: You can directly add devices by scanning the QR code on the scanner, or search for nearby devices to add, or manually enter the device SN to add the device. Click “Next” to complete the addition.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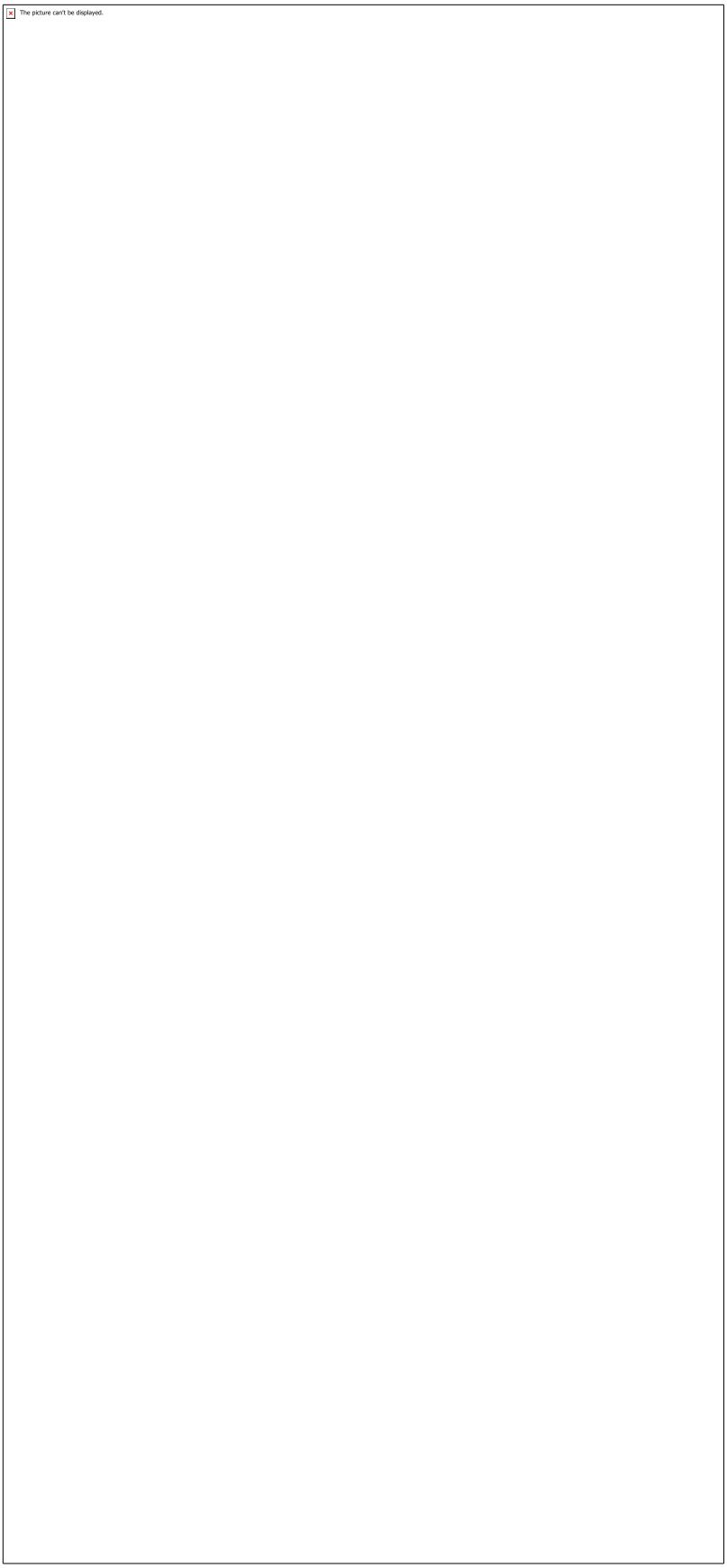
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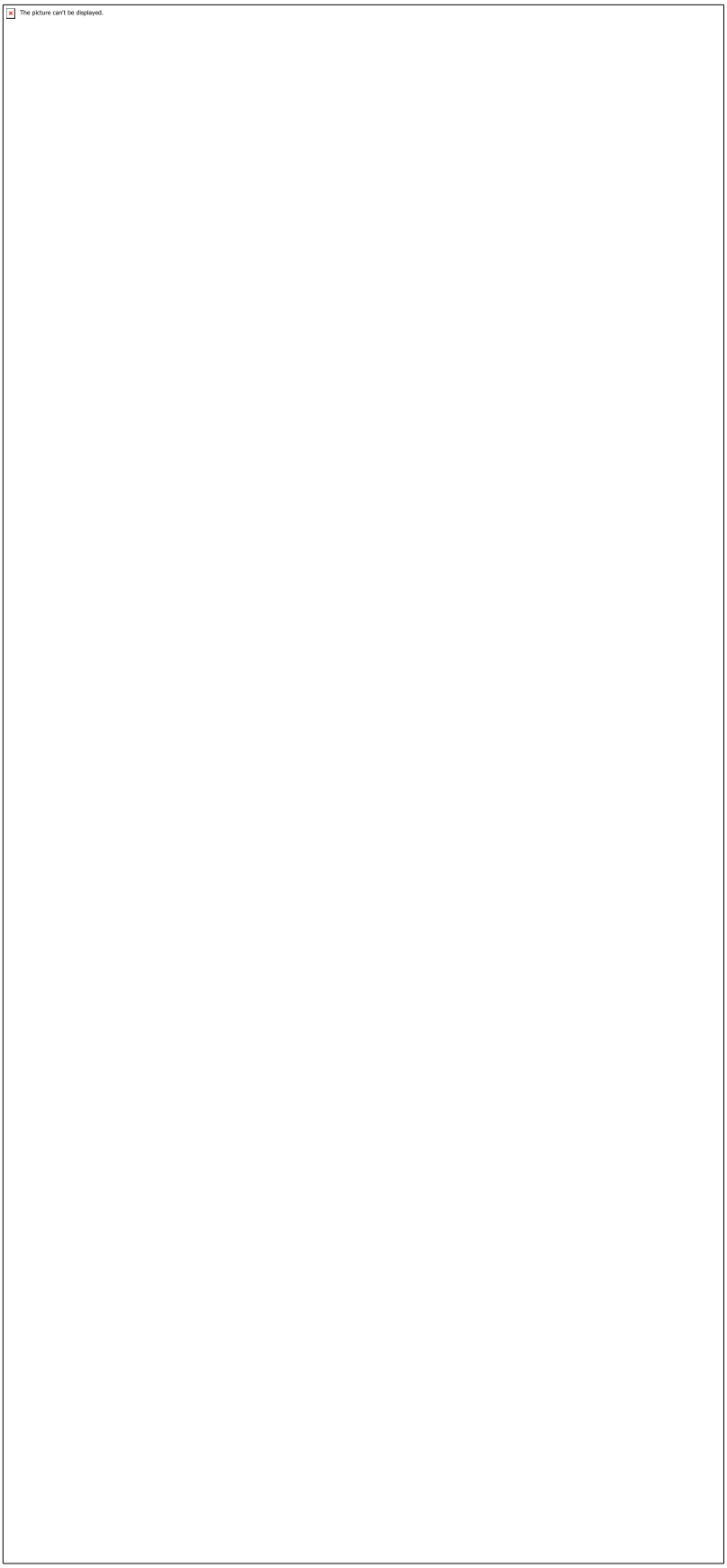
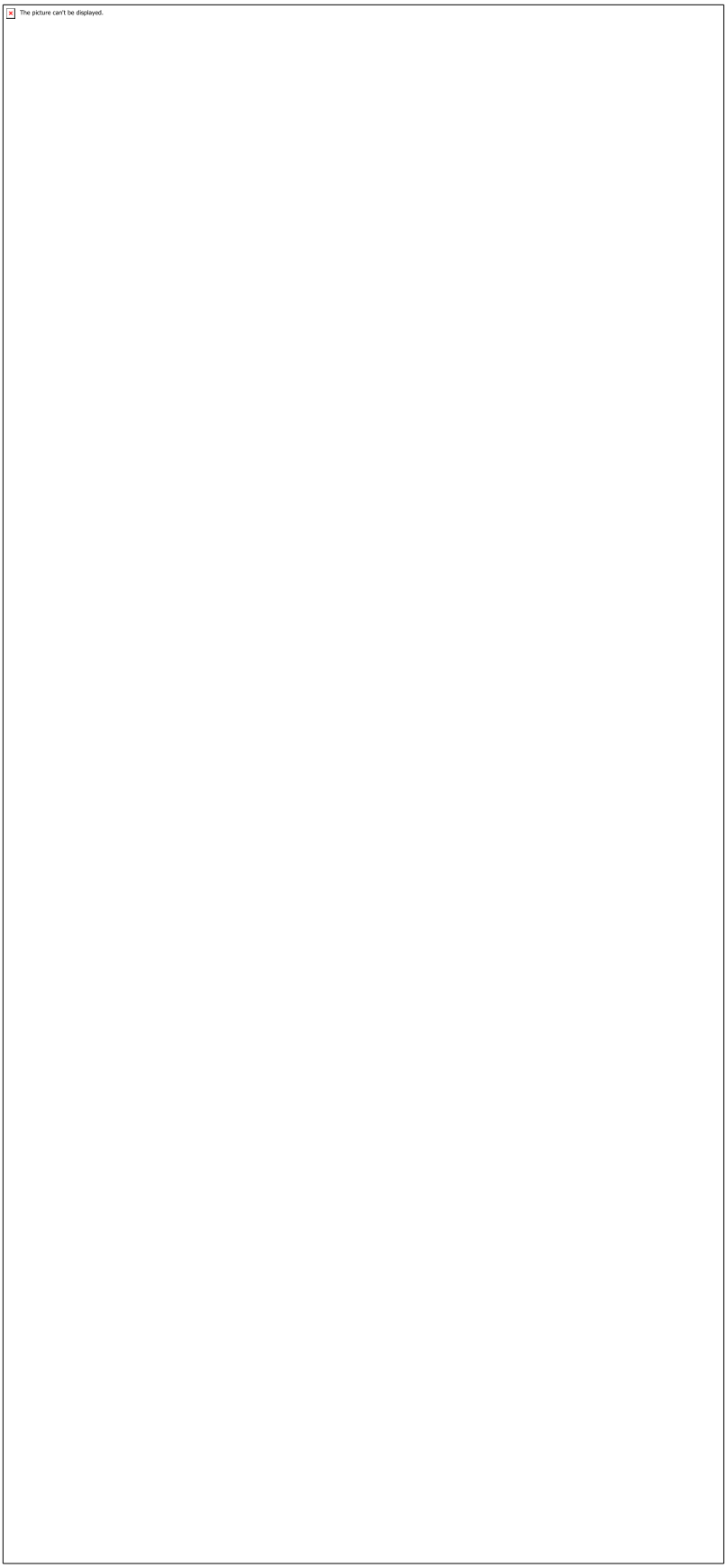

The picture can't be displayed.

Step 5: Device networking, how to connect devices to the HYXI Cloud Platform.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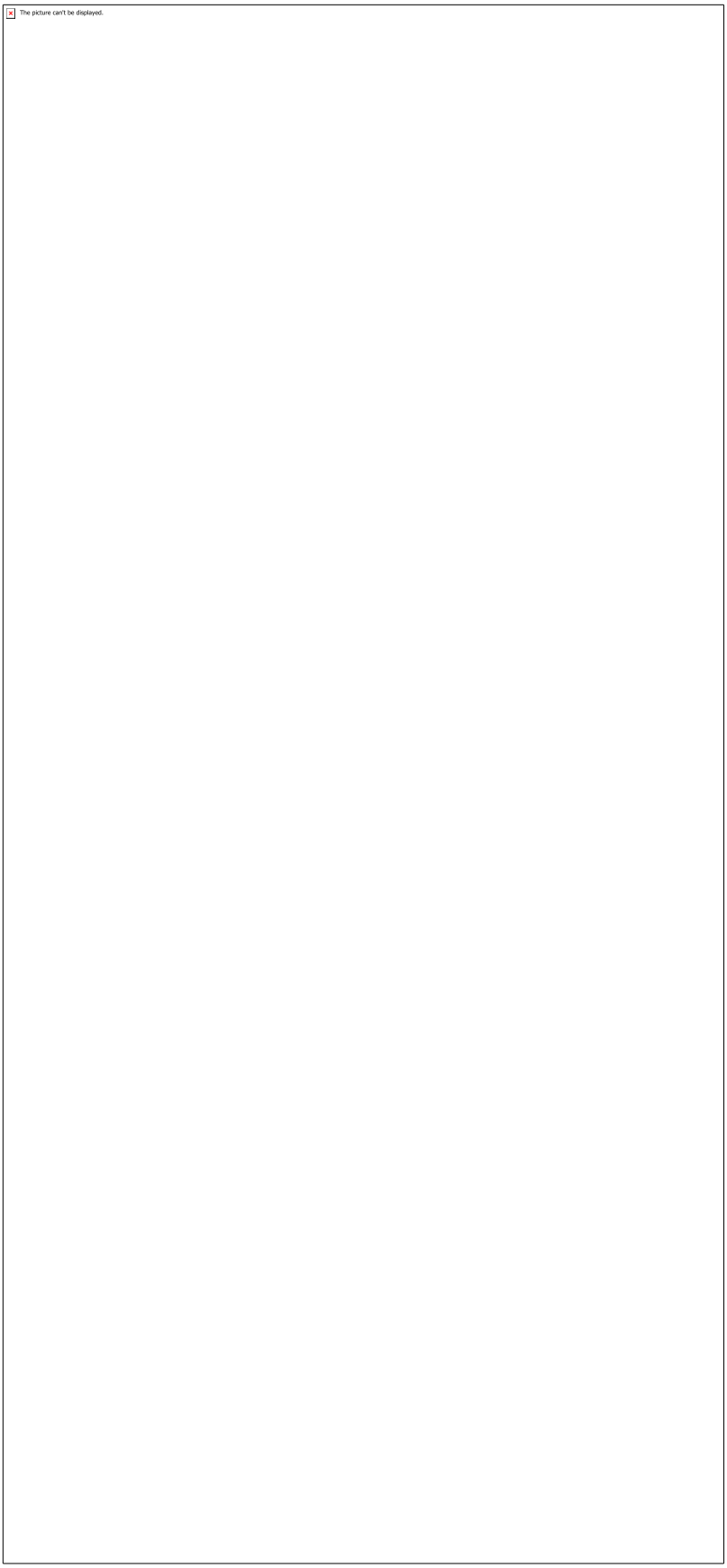
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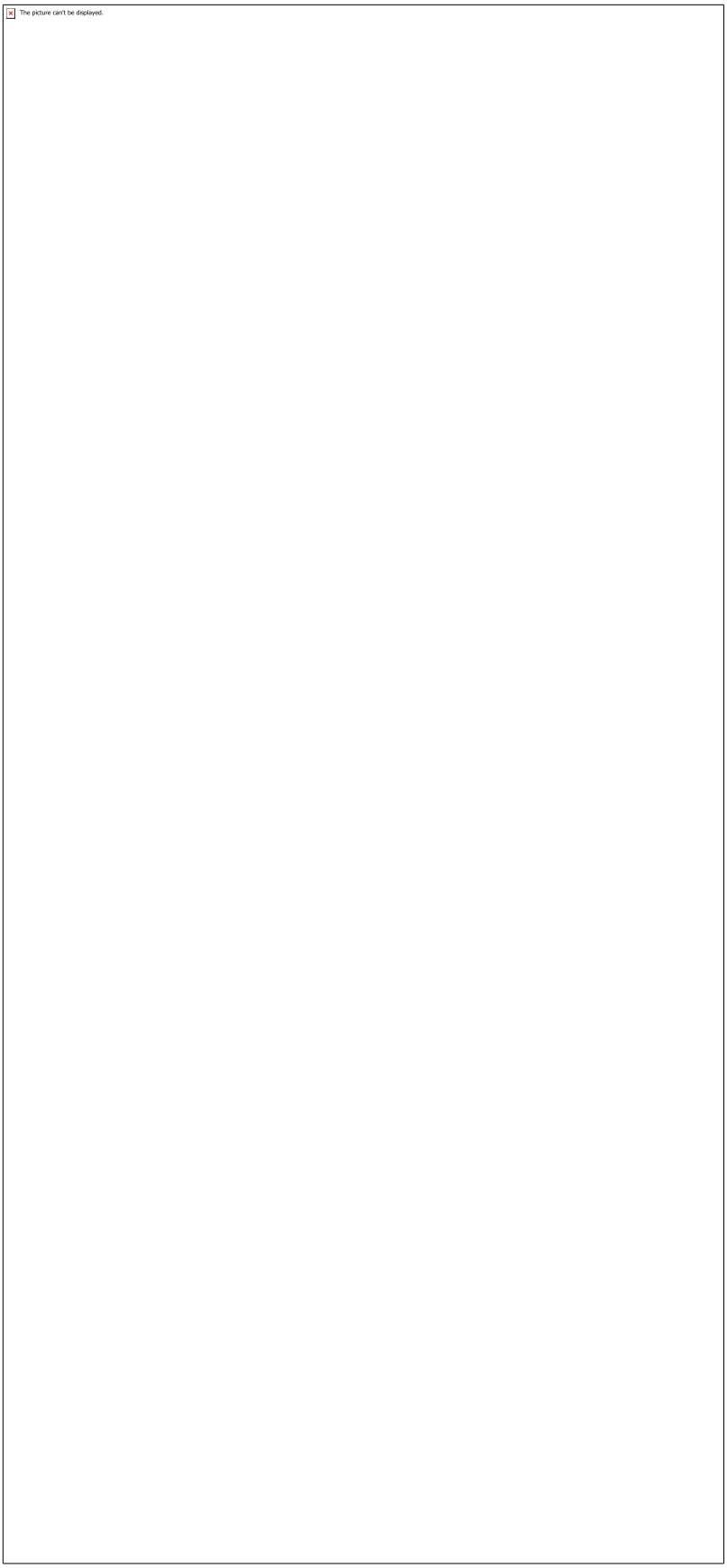
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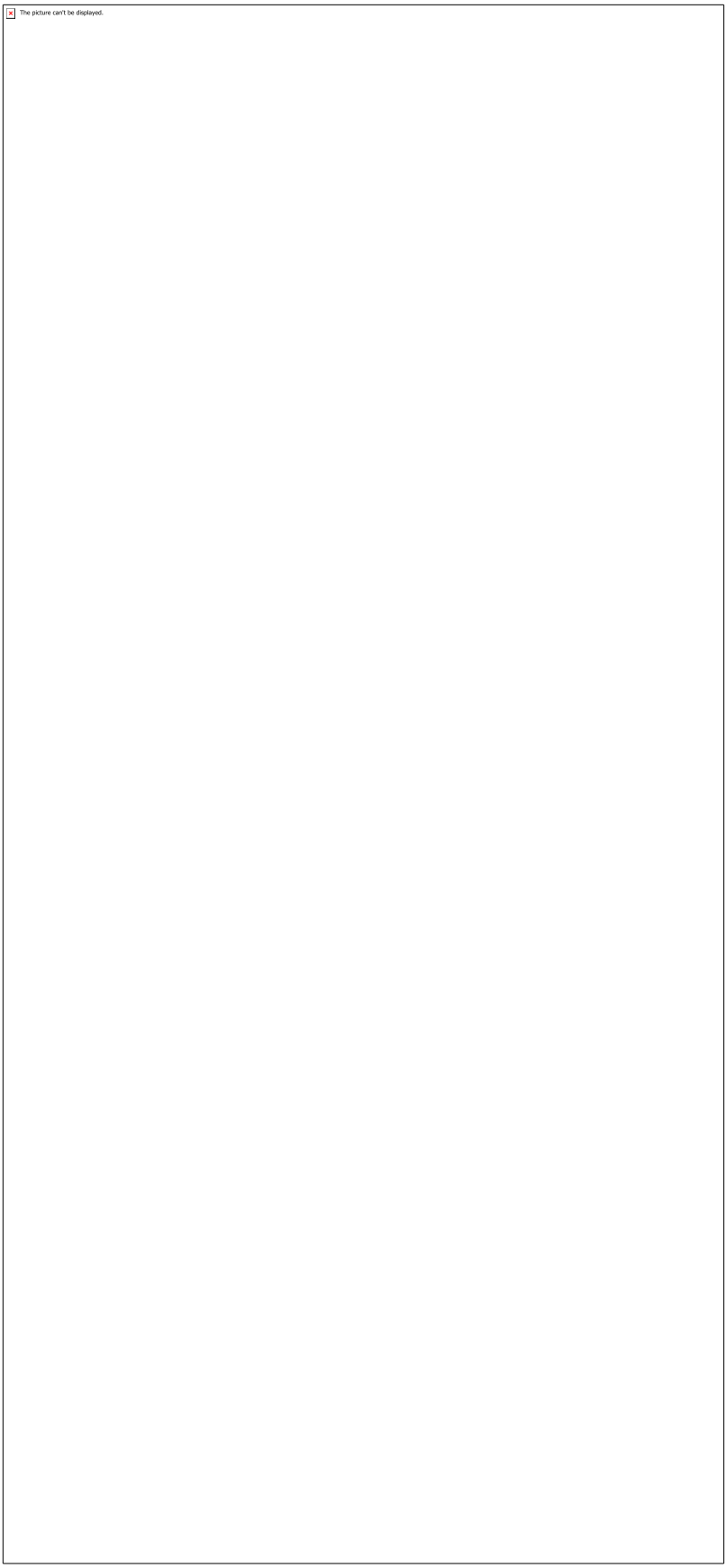
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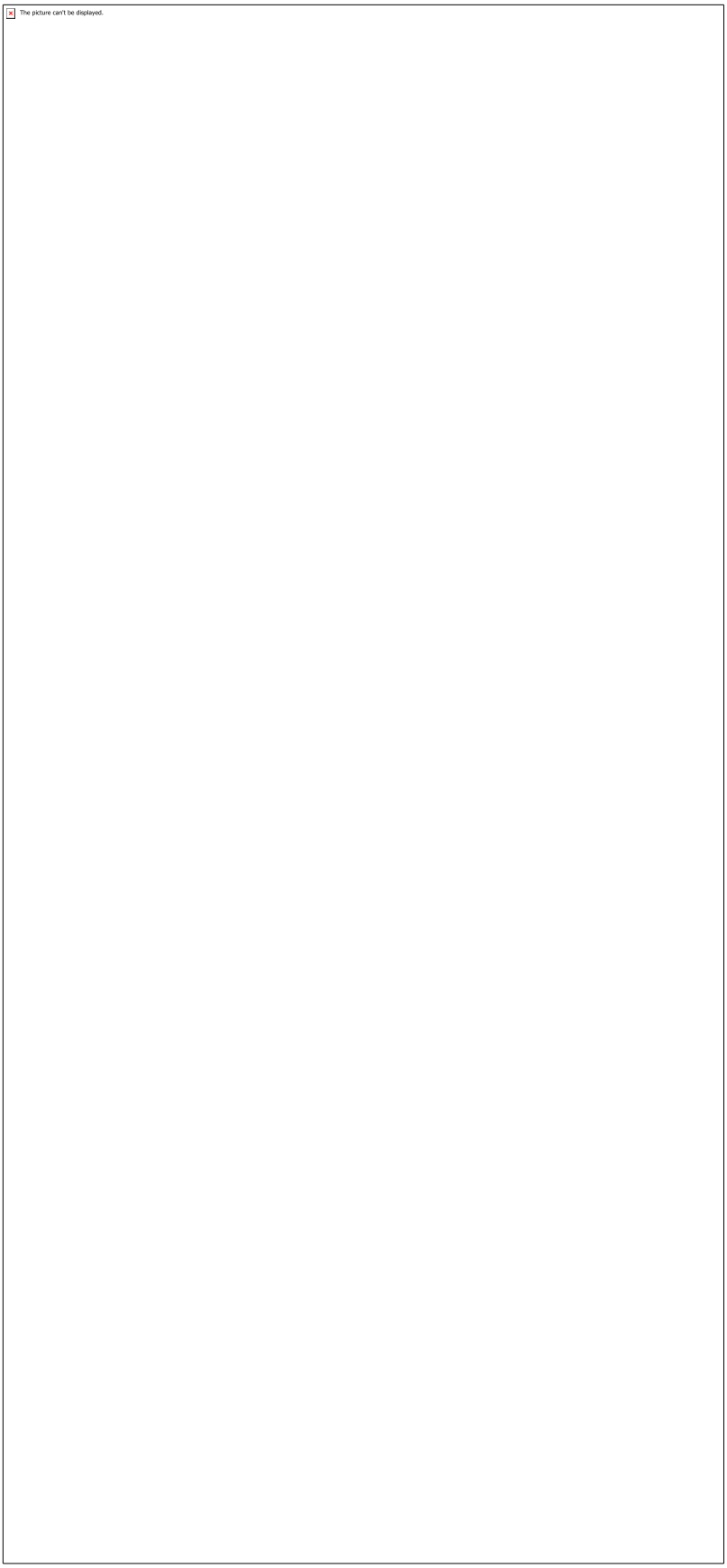
Step 6: Device upgrade, if a new software version is detected, an upgrade will be required.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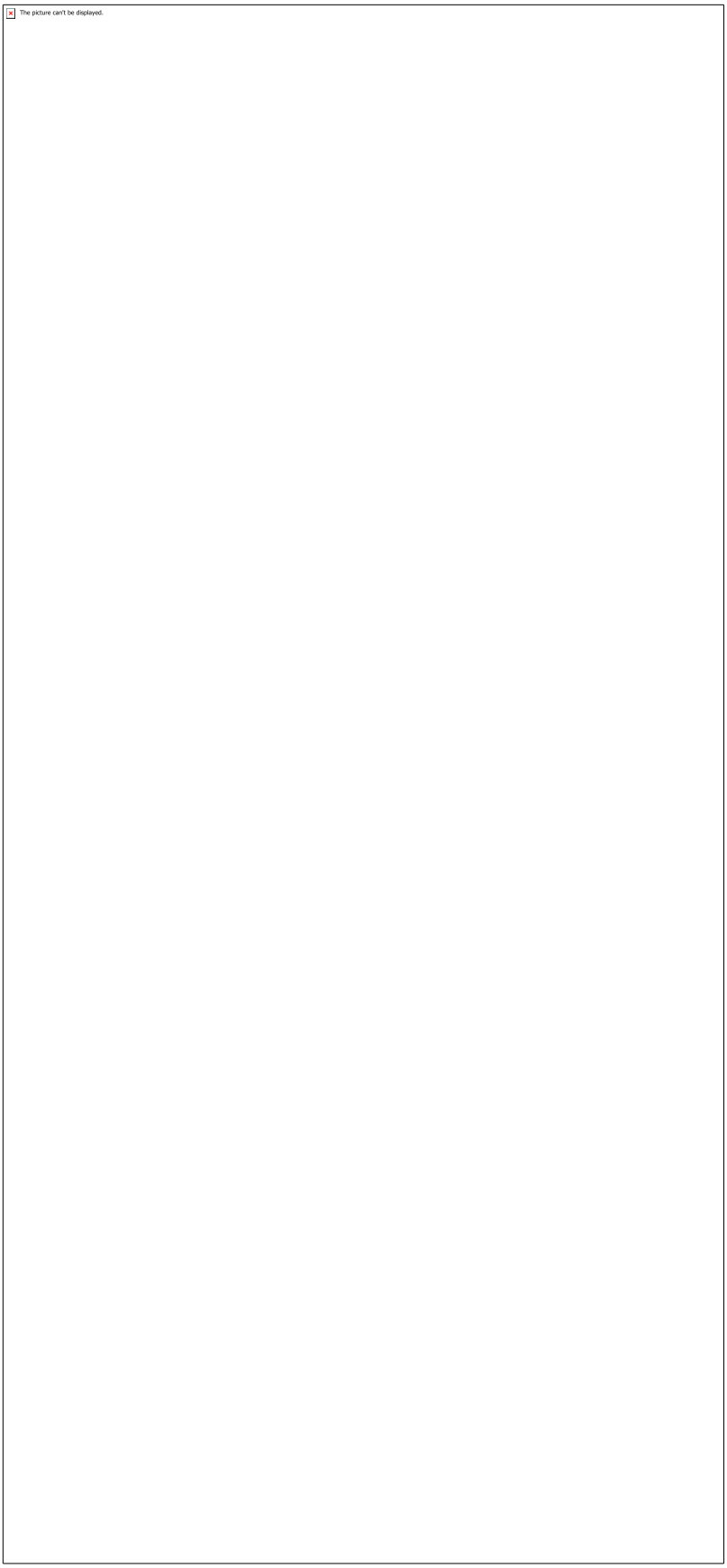
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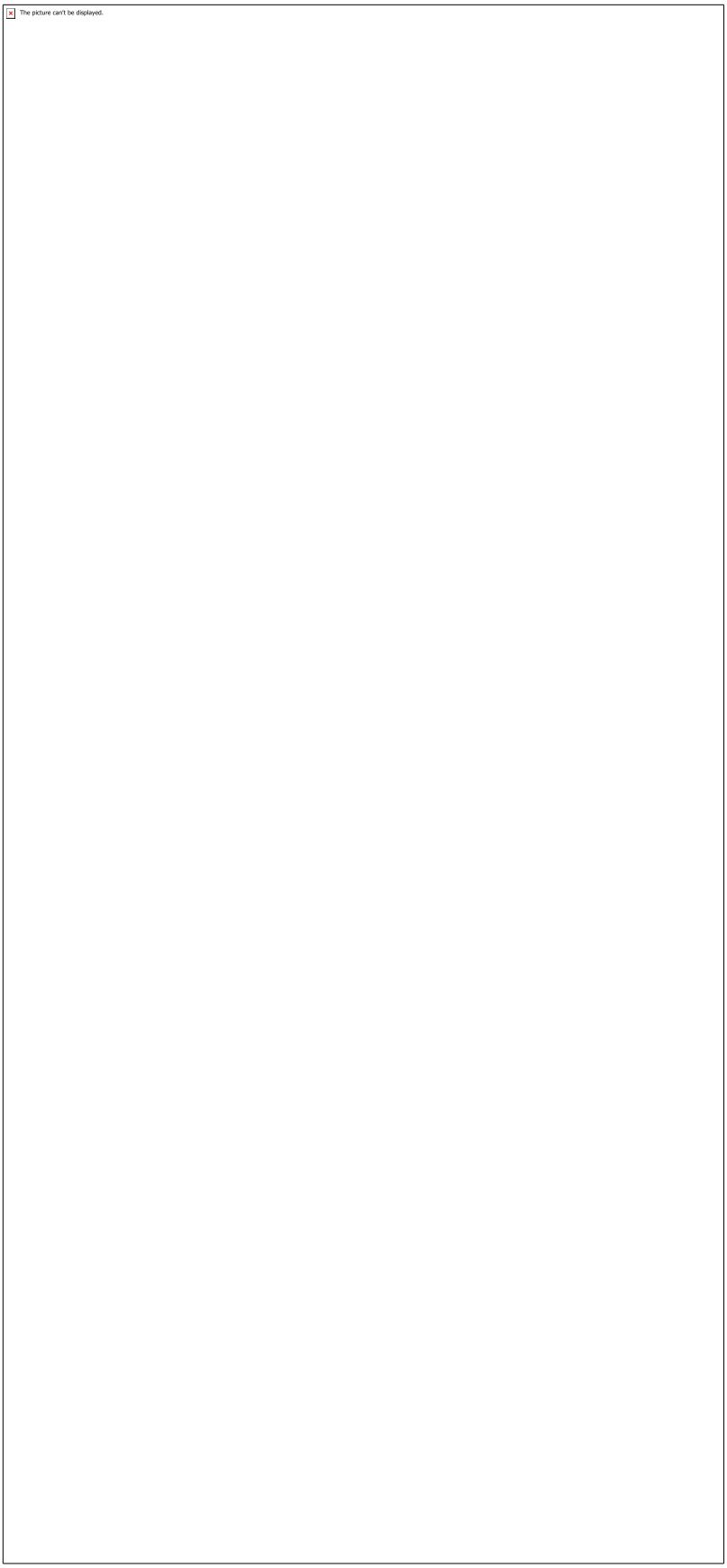
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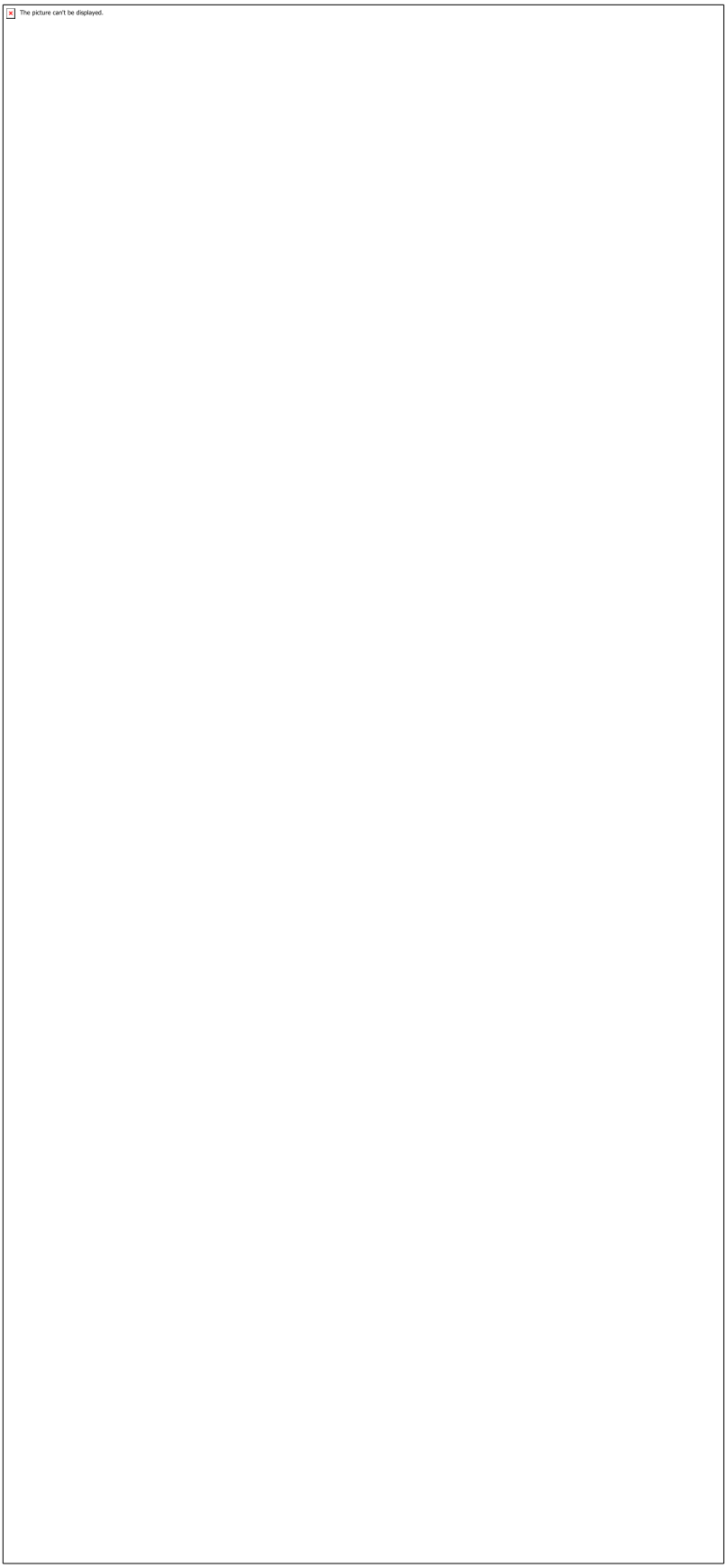
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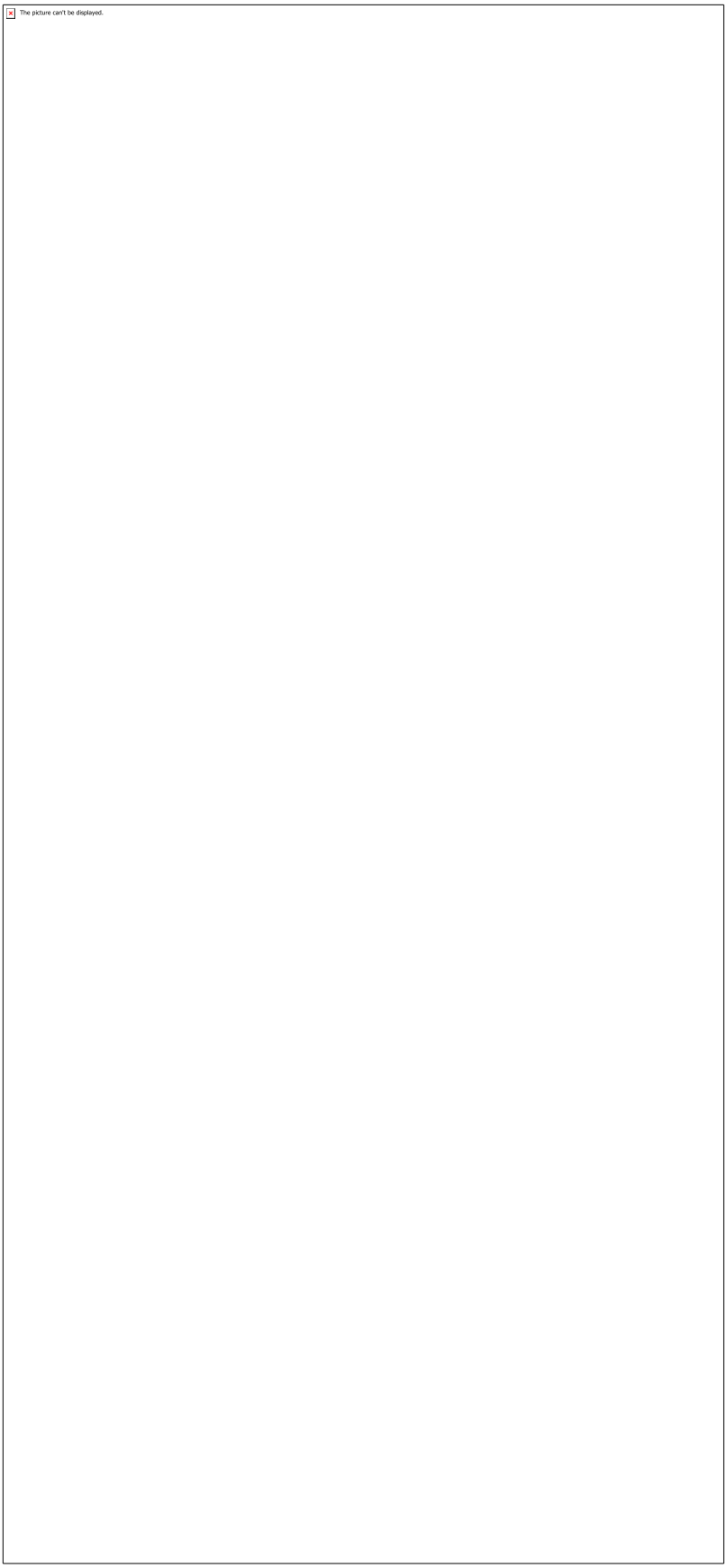
Step 7: Device configuration, set up the grid-connection file of the device.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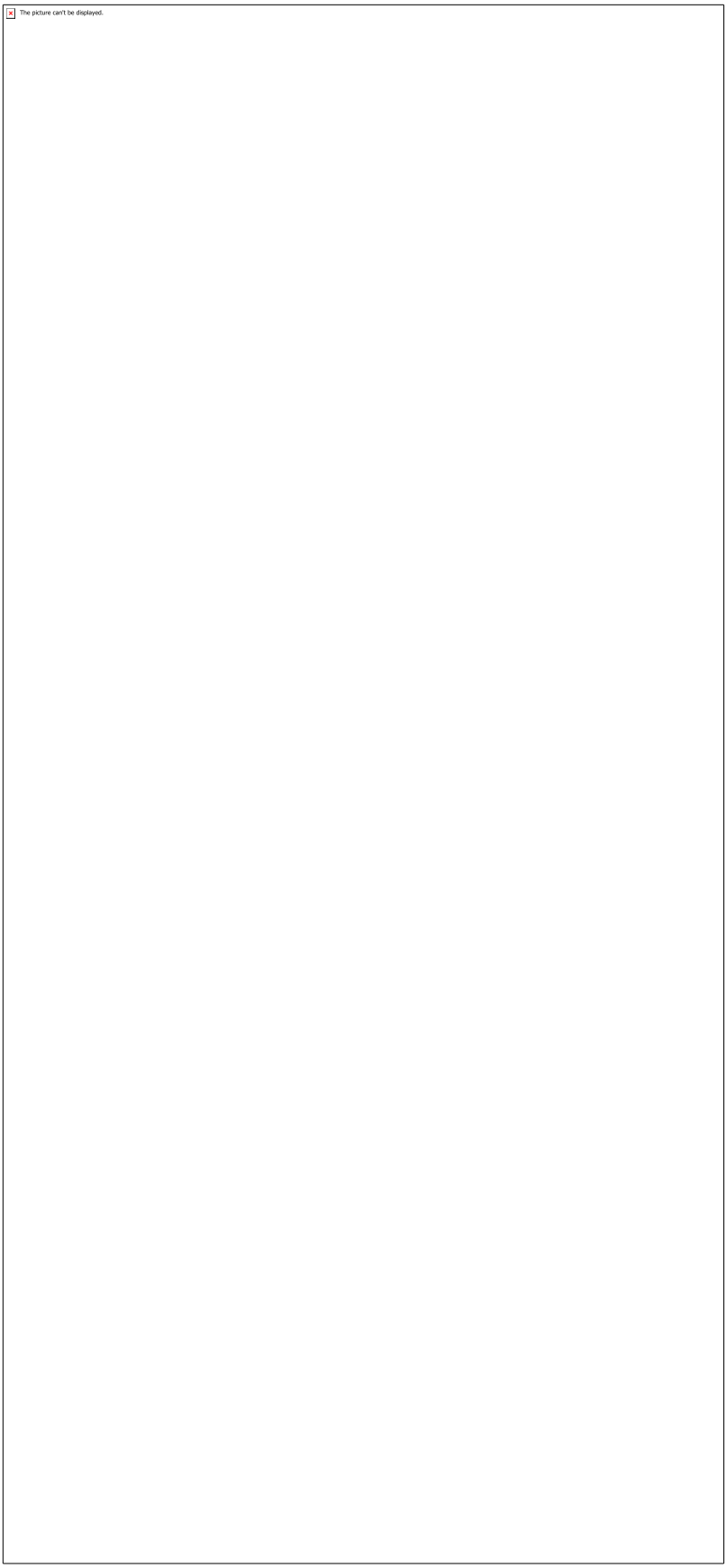
Step 8: Self-inspection, detect network connection status, ac-side cable connection, dc-side cable connection.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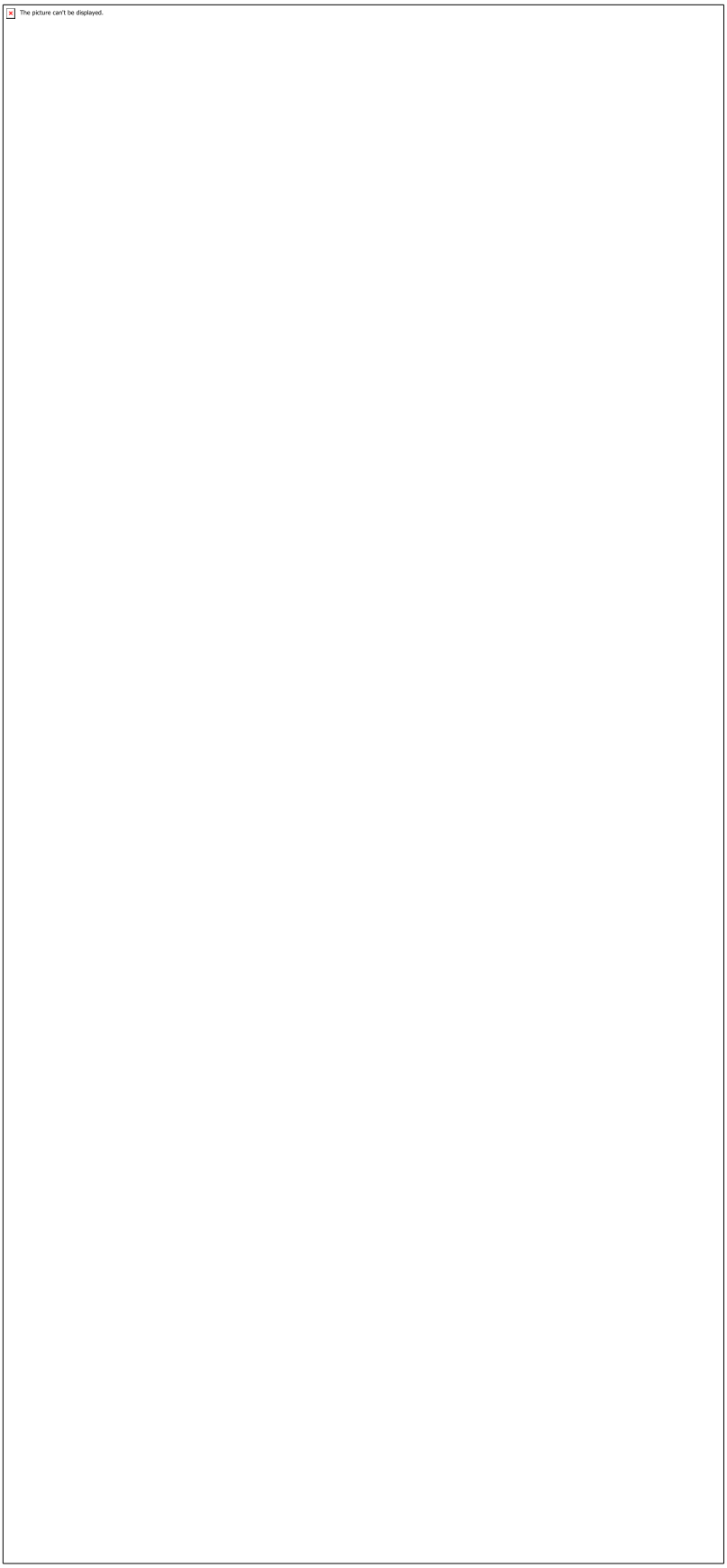
Step 9: Plant setup completed.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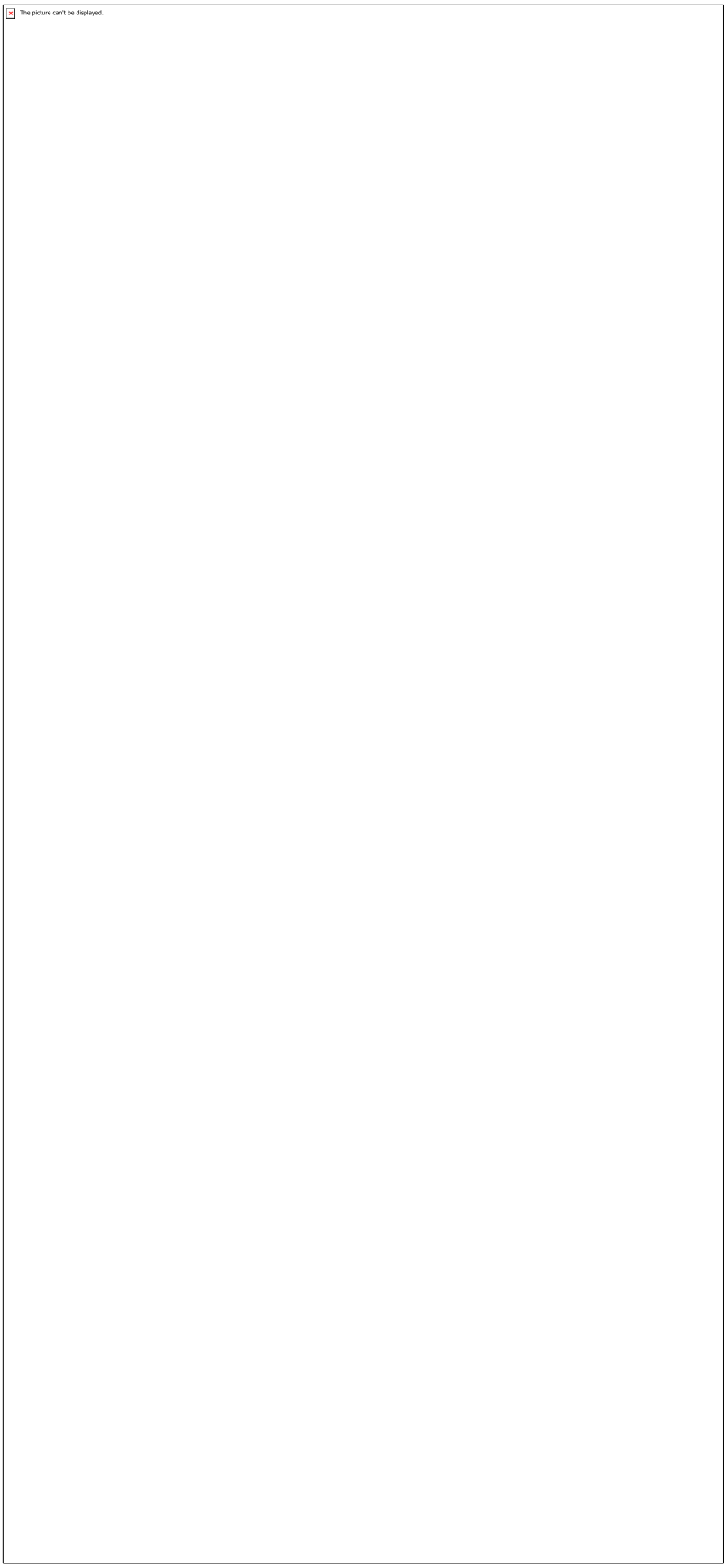
## 6.5 Application Sharing

**Function Introduction**

Click **Application Sharing** to enter the application sharing interface and share the app with others.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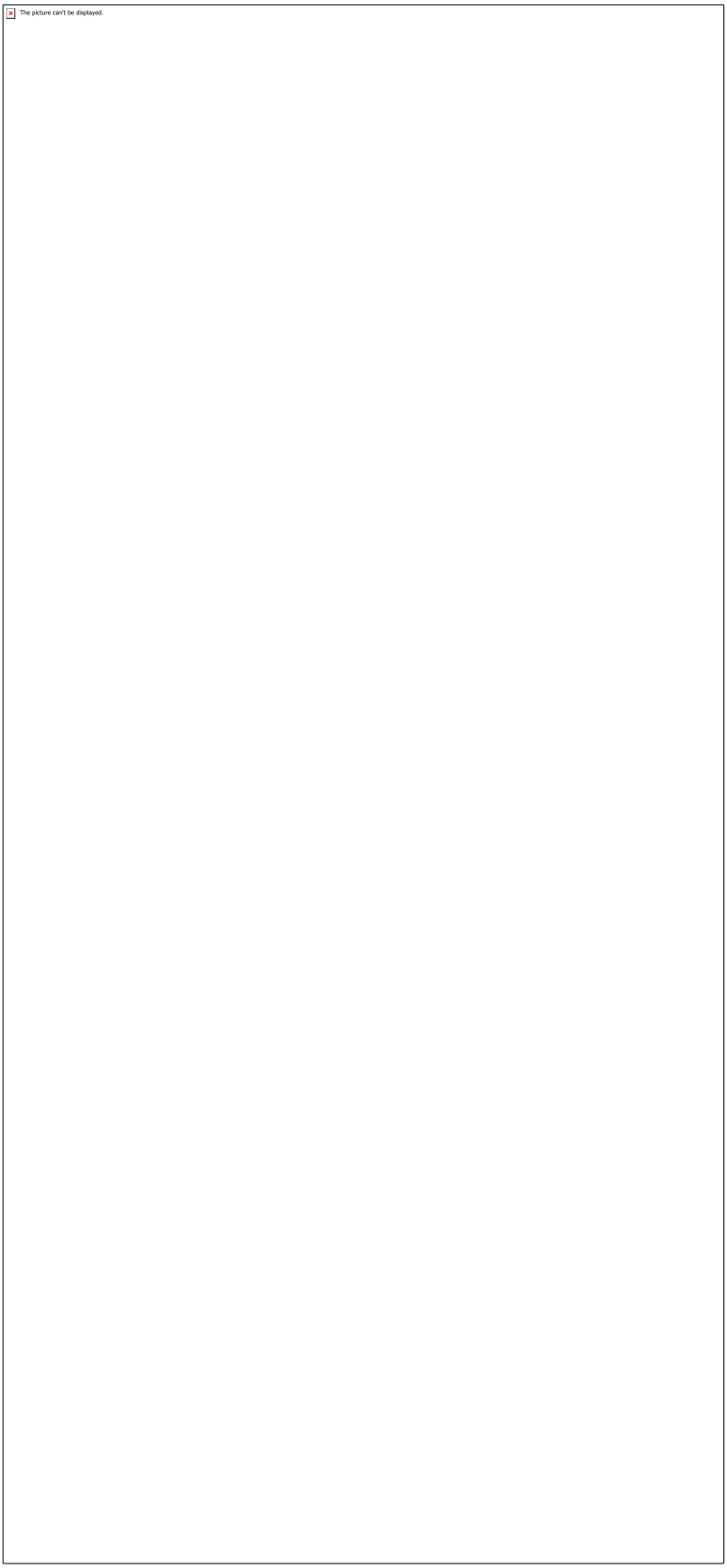
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## 6.6 AI Agent

**Function Introduction**

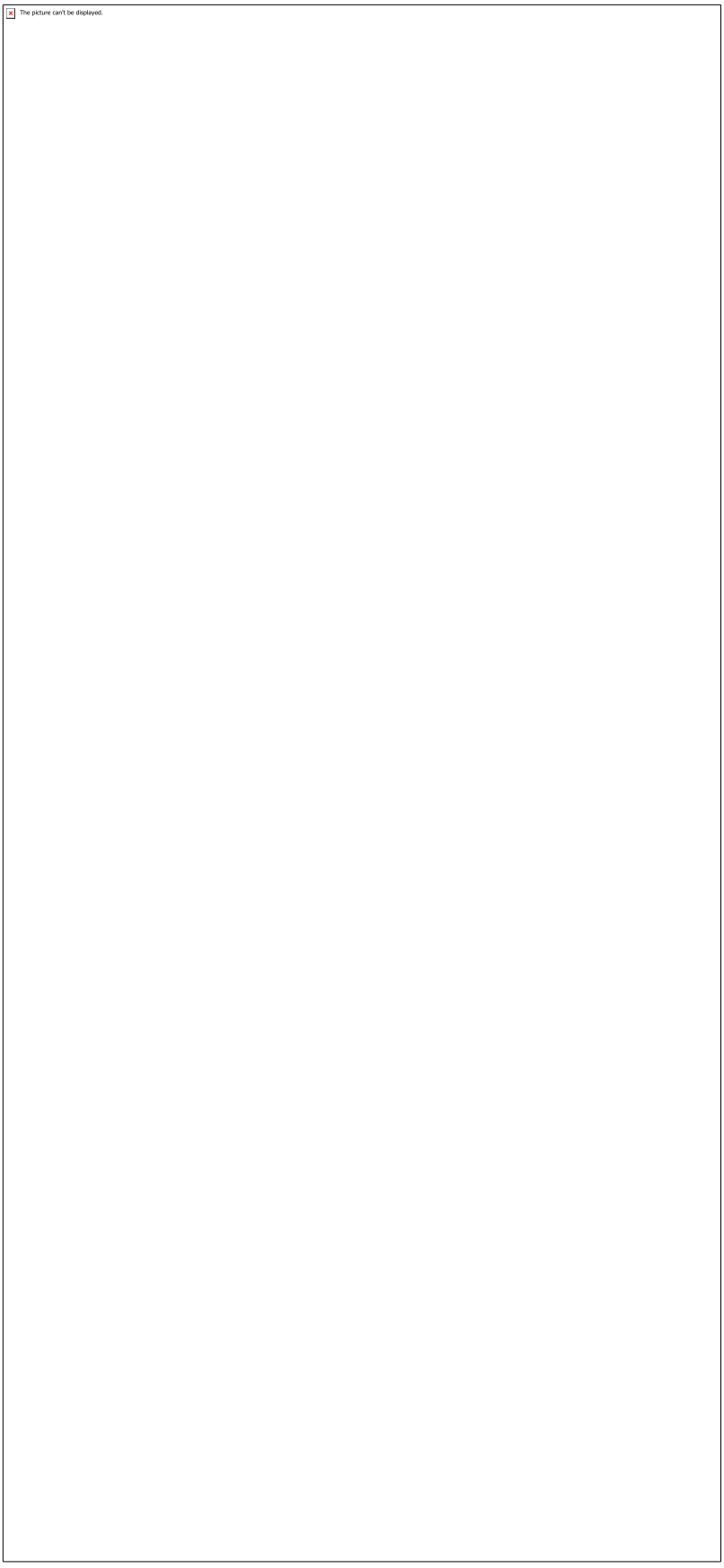
Introduce how to open and use AI Agent

**Operation Steps**

Step 1: Click “AI Agent” on me page;

Step 2: Turn on the AI switch, and you will see the AI icon. Click on the icon to enter the AI page.

Step 3: You can ask questions about the device.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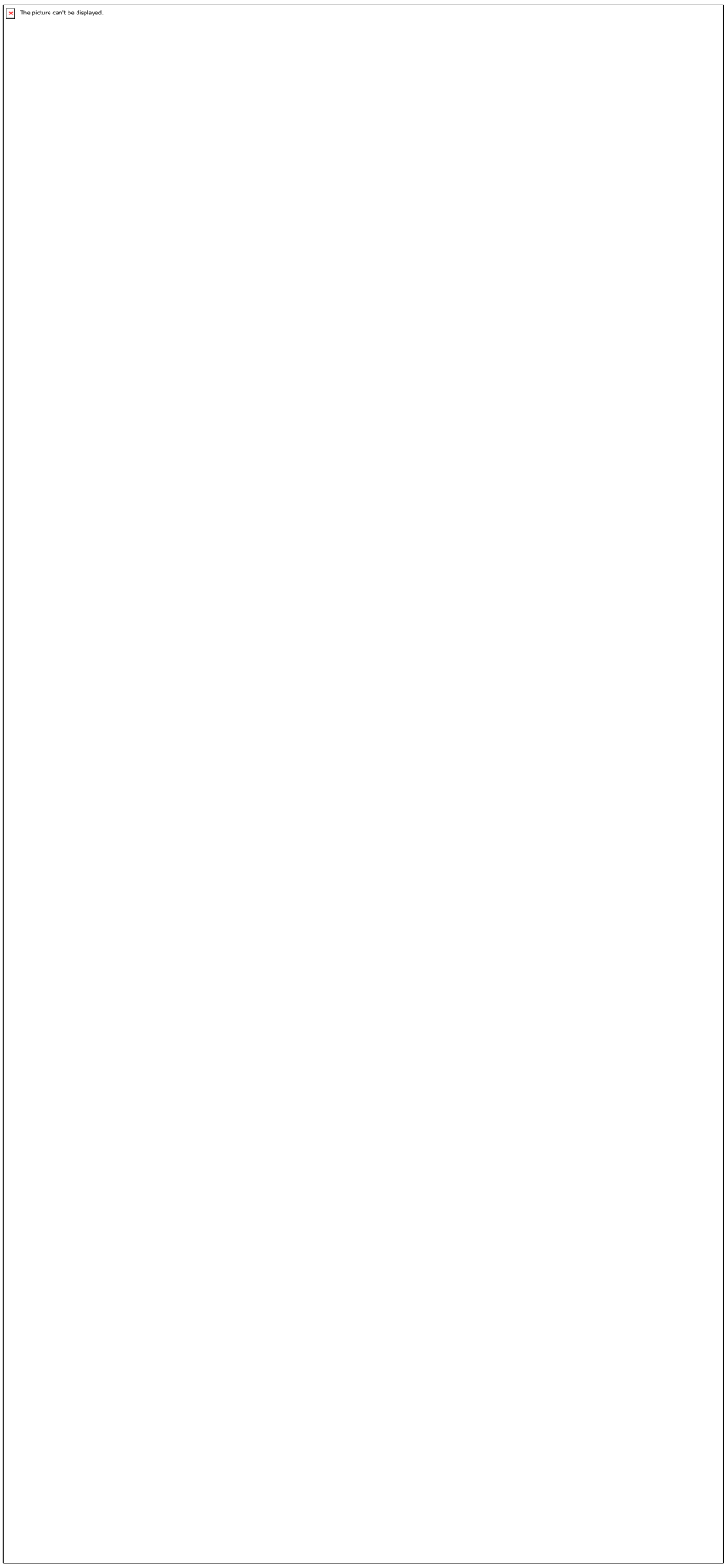
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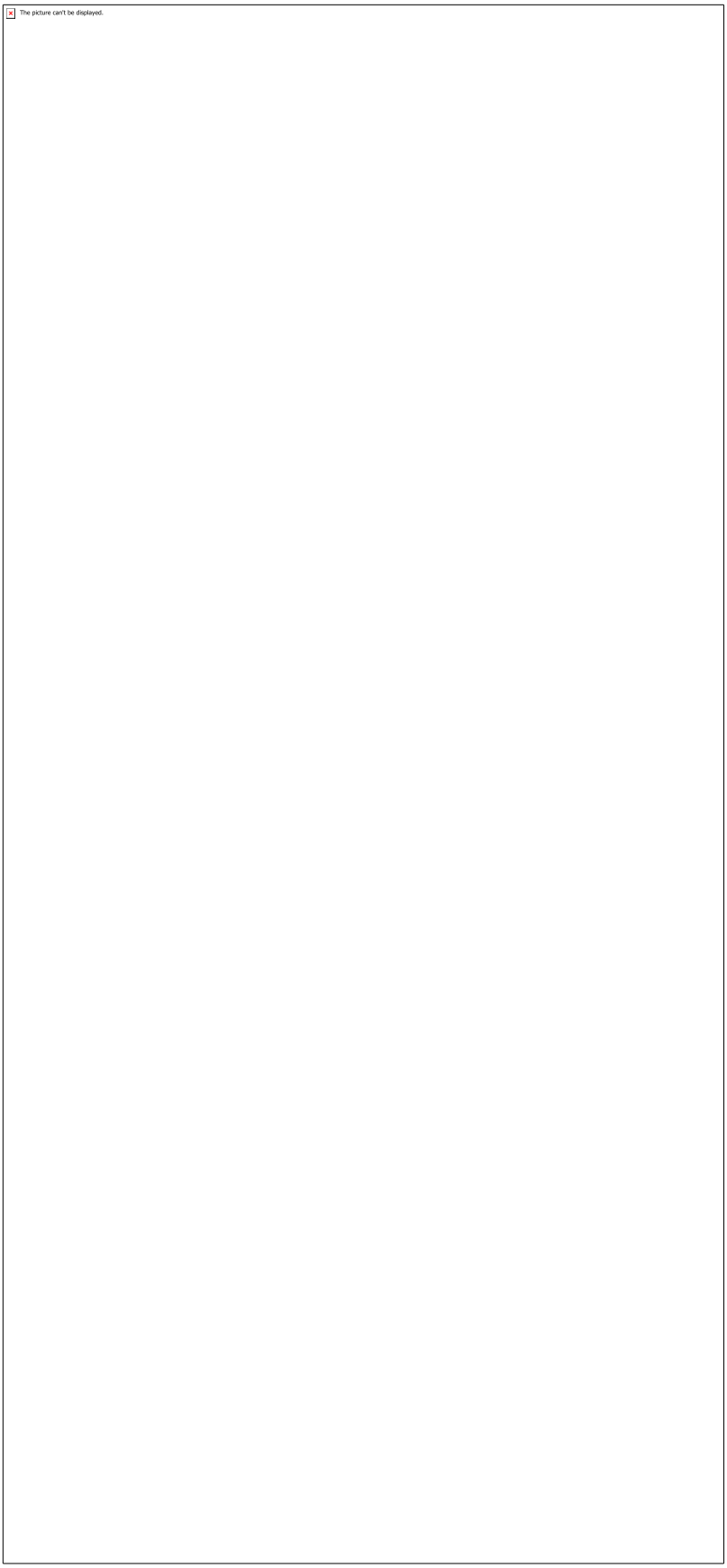
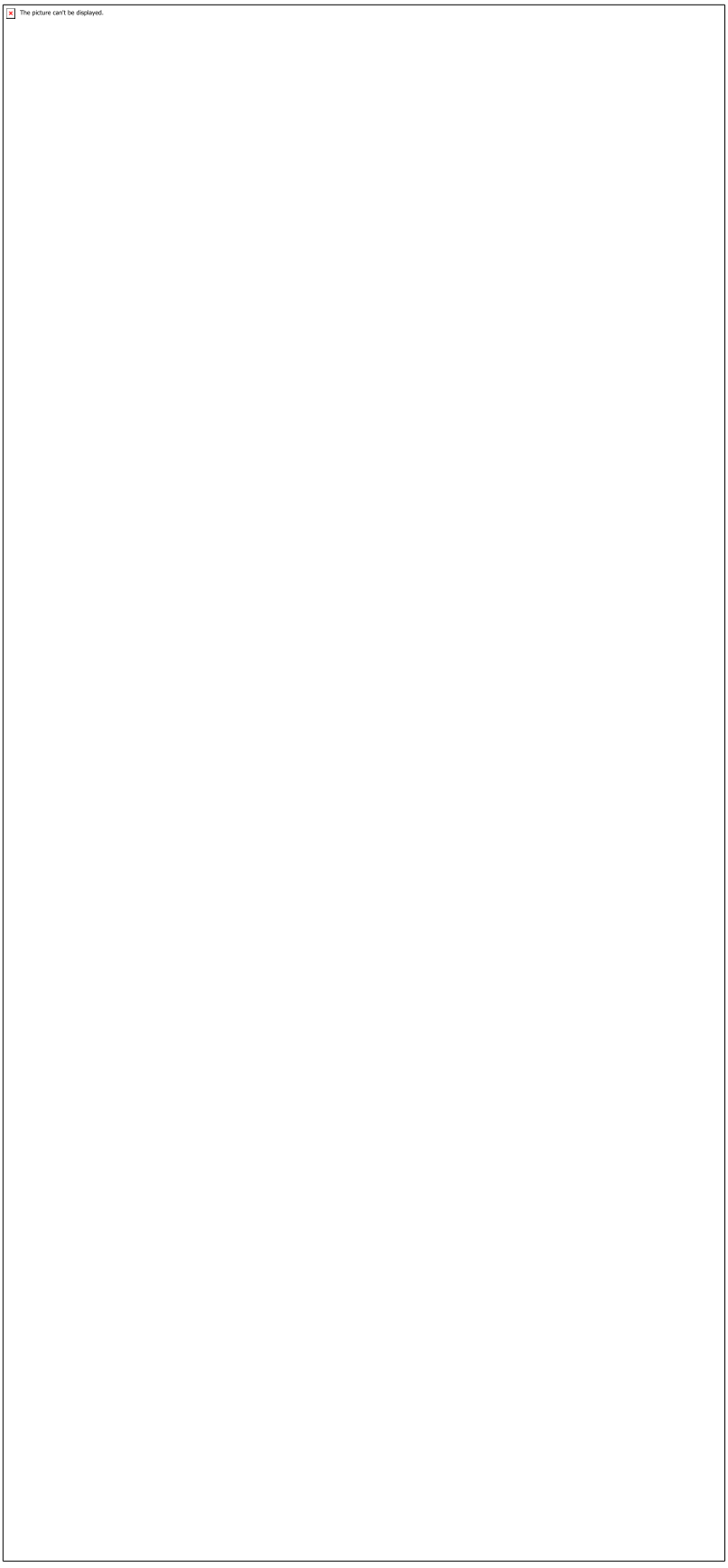

The picture can't be displayed.

## 6.7 Settings

**Function Introduction**

You can switch languages, enable or disable message notifications, general settings, clear cache, view version information, view the privacy policy, and log out.

General settings: user can modify dark mode, temperature unit & currency unit.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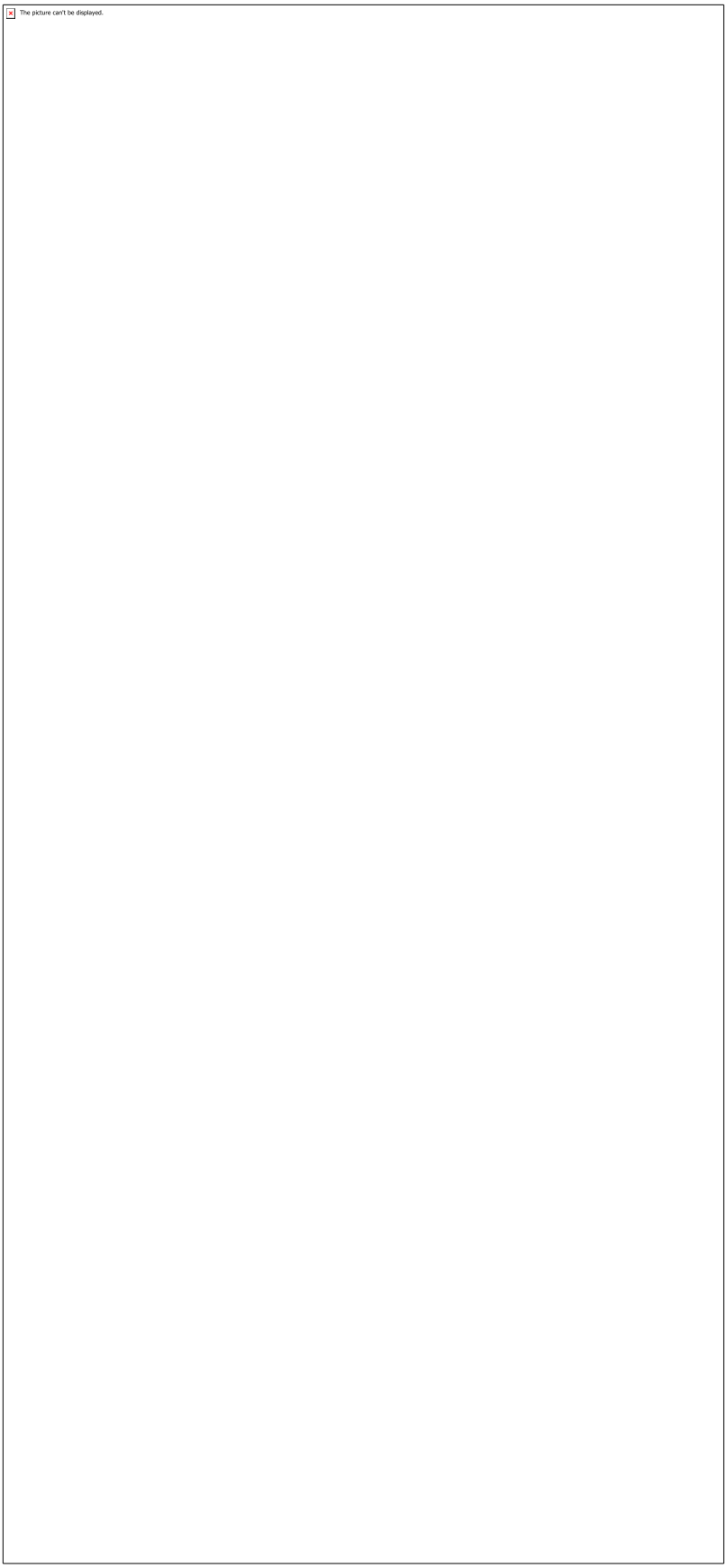
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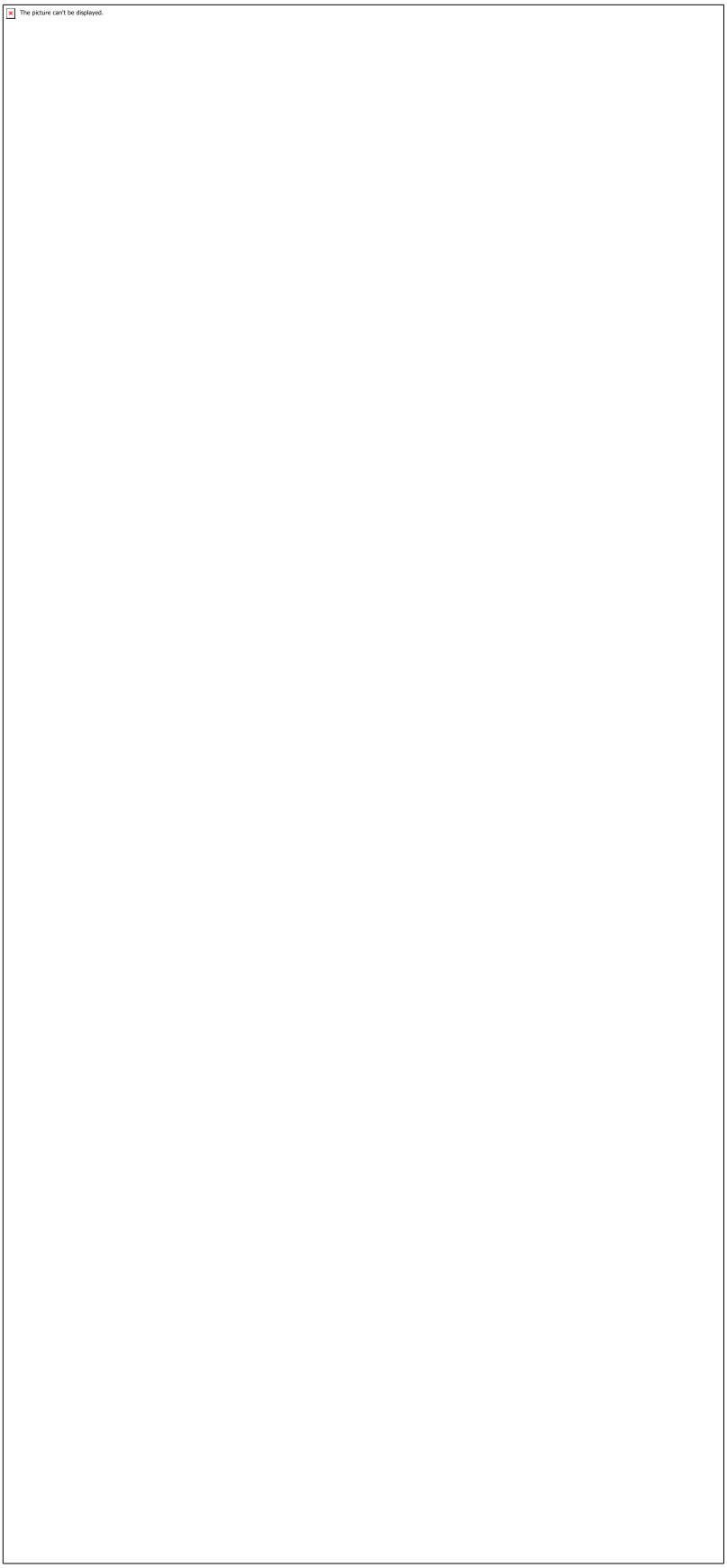
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