ATESS Enerview APP

User Manual

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1 Enerview APP introduction

1.1 Overview

The Enerview APP monitoring platform mainly provides end users with remote monitoring and management of plant devices services. It can facilitate users to monitor equipment operation, fault and other data in real time, and understand and analyze equipment operation data more intuitively through charts and curves.

1.2 Function

(1) Register/Login/Forget password

(2) Plant management

(3) Homepage data real-time monitoring

(4) Plant devices management

(5) Failure warning management

(6) Account information management

2 Instructions

2.1 APP download and installation

Android phone users search "Enerview" through the Google paly to download and install it.

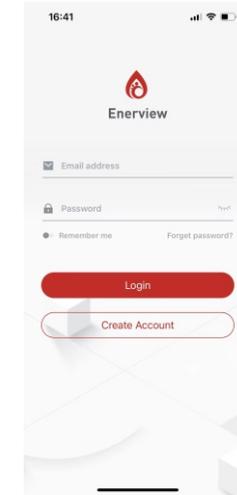IPhone Users can search for "Enerview" through the App Store to download and install it.

2.2 Login page

2.2.1 Login

Find the App icon on the desktop of your mobile phone and click to enter the login page,

enter your email account and password and click the [Login] button, and the account or password must be entered correctly.After turning on Remember Password, you don't need to enter your password next time you log in;

If you have not registered an account, you need to register before you can login.
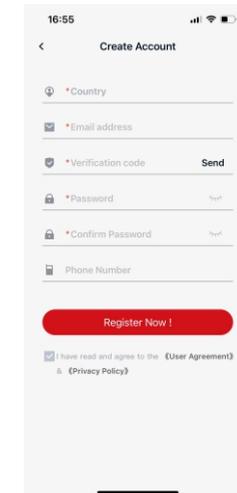
2.2.2 Register

Fields marked with "*" must be filled in, and the email address must be real and valid. After obtaining the verification code, it will be sent to the email address you filled in. The verification code must be filled in correctly;

The password format requires 8-16 digits + letters + special characters. The password must be the same twice;
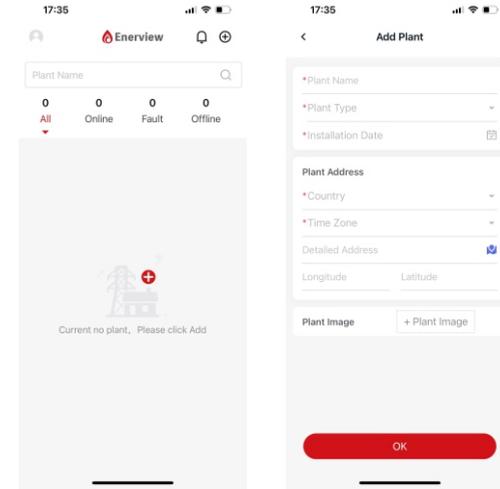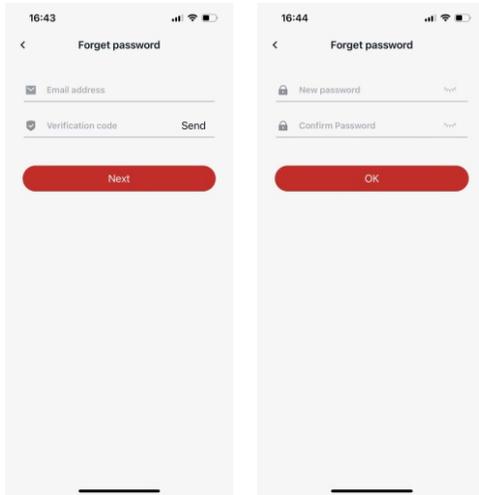
Registration can be successful after all fields are verified. If registration fails, please follow the prompts to modify it;

Registered email and password are used for login verification.

2.2.3 Forget password

If you forget your password, you can click Forgot Password to enter the Forgot Password page; you need to enter your email address and the verification code you obtained. After the verification is passed, you can click Next to reset the password. The password format requires the same as the registration. After thereset is successful, a new one can be used. Password login;
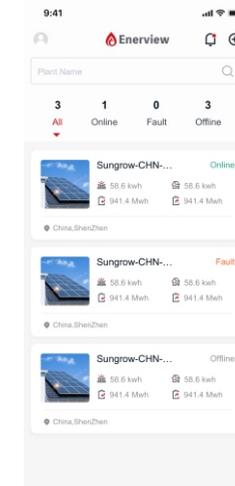

2.3 Plant List

2.3.1 Add plant

After login for the first time, you need to create a power station first, and the fields marked with"*" must be filled in;

Country and time zone must be filled in correctly (Set according to the local time zone. In case of daylight saving time, please press the time zone setting after daylight saving time), otherwise, the device data statistics time will be incorrect;

It is recommended to fill in the longitude and latitude (the weather at the location of the power station will be displayed according to the longitude and latitude), which can be obtained through the map or by allowing the browser to obtain the current location information;

Social contribution value can only be set on the web side.

2.3.2 Plant List

Manage all the power station data, and the power station list displays the photovoltaic power generation capacity, load power consumption, battery charge power and battery discharge powe in realtime;

Click to enter and view the system data, equipment data and fault data under the plant;

Click "Modify the icon" to edit the information of the plant;

You can enter the name of the power station to search the plant, support fuzzy search;

Plant status: online, offline and fault; There is a system online under the plant.It is online; All systems are offline, and the plant status is offline; All system failures, the plant status is fault;

System refers to the HPS / PCS system, if you need to delete the power station, please operate on the webpage;
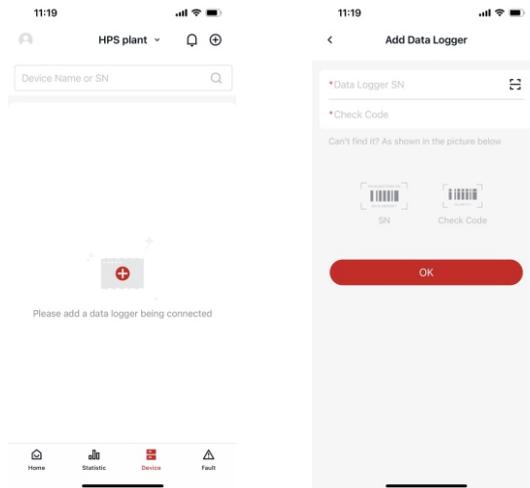
2.4 Device list

2.4.1 Add datalogger

After successfully adding the plant, you need to add a data loggerand transmit the device data to the system through the data logger(the device is connected to the data loggerthrough 485 and can be transferred normally after completing network configuration, adding devices, etc. on the data loggerpage).

Check the "Data loggerSN number" and "Verification Code" on the outer packaging box or casing of the data loggerto input and add. If the input is incorrect, the addition will fail.

For the configuration method of the data logger, please refer to the manual of the data logger.
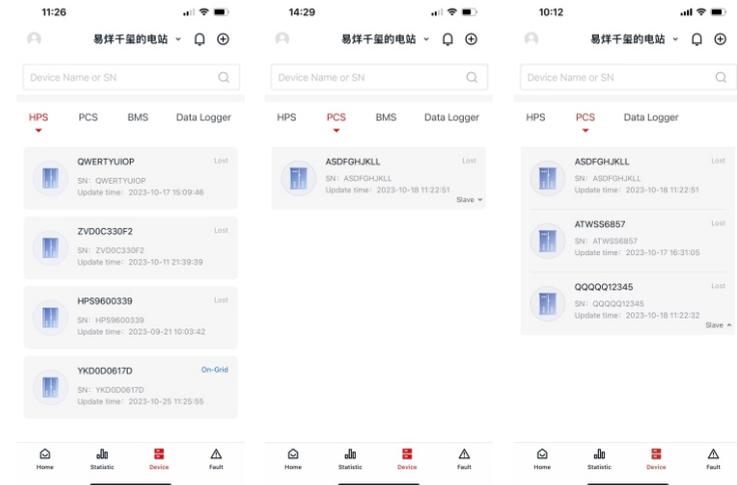

2.4.2 Equipment list

Display equipment information under the plant by equipment type; equipment includes eight types of HPS, PCS, PBD, BMS, Combiner, ATS, Bypass, Data Logger, displayed according to the actual access equipment, the corresponding type of unconnected equipment is not displayed;

If there is a parallel machine, the host is displayed by default and you can expand to view all the slave machine;

If the device is shut down or disconnected from the collector, the status is displayed as Lost, and the server will not update the device data;

2.4.3 Equipment Details

Click on the device list to enter the details to view the real-time data of the device, such as the device and the server are disconnected, and there is no data display (the App only displays part of the data, please view more data on the web side);

At the same time, the power, electricity, voltage and other parameter curves of the equipment can be analyzed;

2.5 Homepage

Monitor the current operation status, battery status and SOC data of the plant system equipment;
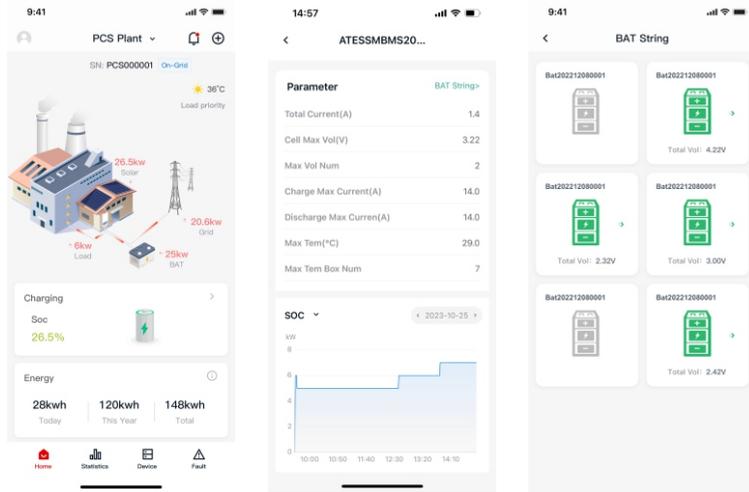
(1) Drop-down box option: for the system SN, if there are multiple systems under the power station, the system SN can be switched, and the following data will be displayed with the system switching; System SN refers to the SN of HPS or PCS equipment, if it is parallel, it is displayed by the host SN;

(2) System status: refers to the status of HPS or PCS equipment, such as parallel operation, the status of the host is displayed;

(3) System diagram: display the current energy trend of the system, and display the current operation mode of the system and the weather of the day at the location of the power station in the upper right;

(4) Battery: display the current battery status and SOC, click to view the detailed data of the battery (The purchased batteries do not support viewing);

(5) Energy: statistics of today/this year/cumulative PV power generation;

2.6 Data statistics

The power station system counts the data of each parameter and the trend of the chart according to the query date, and supports the query by day/month/year/cumulative;

(1) Carousel chart: Count the cumulative amount of electricity generated by each parameter in the query date, if the query date is 2023-01-01, the cumulative power of that day will be counted, if the query date is 2023-01, the cumulative power generated in January will be counted, and so on;

(2) Chart: query the real-time power/SOC data trend of each parameter of the system by day; Query the power generation of each parameter of the system by month/year/cumulative; Support full-screen viewing of data;
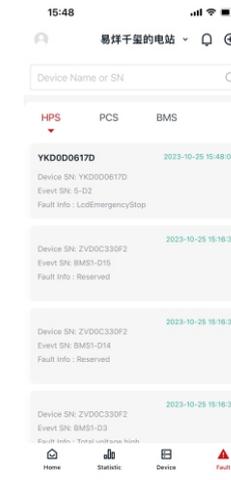
(3) Social contribution: Statistics on the cumulative value of "CO emission reduction"," deforestation reduction" and "standard coal saving" under the power station, the calculation

formula = the cumulative photovoltaic power generation under the power station * coefficient (the coefficient value filled in when adding the power station);
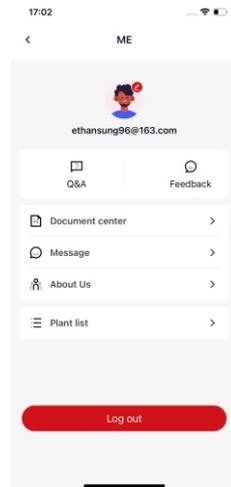

2.7 Fault information

Manage the data information of all equipment failures under the plant (displayed by device type), which can be searched by device name or SN;
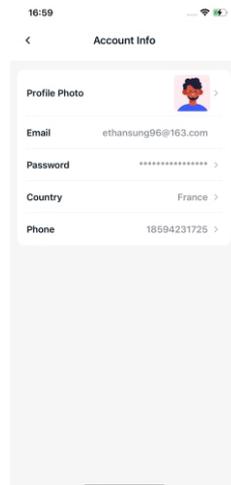
2.8 Me

Manage account information, document center, message center, about us, FAQ, questions feedback, exit login and other functions, currently only account information, about us can operate, other functions will be open later;

Click the 'Exit login' button will exit the system and go back to the login page;
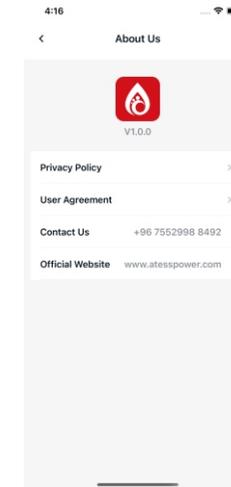

2.8.1 Account information

Click the profile picture to enter the account information page, You can modify your profile picture, password, country, and other account information

2.8.2 About Us

You can check the current version of the App, the agreement, as well as our contact information, official website information, etc.;

If there is a new version of the App update, Update will be displayed after the version, click to download the latest version;

2.8.3 Q&A

coming soon!

2.8.4 Problem feedback

coming soon!

2.8.5 Document Center

coming soon!

2.8.6 Messaging Center

coming soon!