

Online Monitoring Webserver

User Manual

EN - V 1.0



Alpha·ESS
smarten your energy

Copyright Statement

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We advise that you strictly observe all operating instructions and warnings and keep this installation manual. Do not operate this system without completely reading all safety and operating instructions.

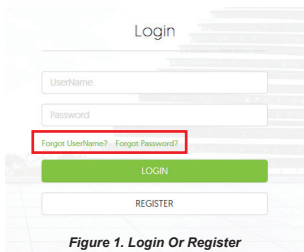
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1. Log-in

1.1 Web Page

Open the website www.alpha-ess.com.

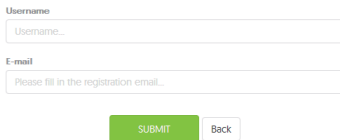


The screenshot shows the 'Login' page of the website. It features a title 'Login' at the top. Below it are two input fields: 'UserName:' and 'Password:'. A red rectangular box highlights the text 'Forgot UserName? - Forgot Password?' located between the password field and the login button. Below these fields are two buttons: a green 'LOGIN' button and a white 'REGISTER' button with a green border.

Figure 1. Login Or Register

Fill in "Username" & "Password" and click "Login", if you have already registered. If not, please Click "REGISTER".

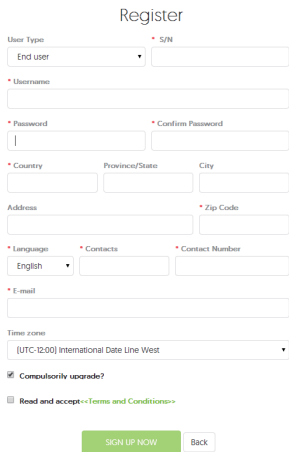
Forgot Password



The screenshot shows the 'Forgot Password' page. It has a title 'Forgot Password' at the top. Below it is an input field for 'Username:'. Below that is an input field for 'E-mail' with the placeholder text 'Please fill in the registration email...'. At the bottom are two buttons: a green 'SUBMIT' button and a white 'Back' button with a green border.

Figure 2. Recovery of Password/name

If you forgot your user name or password, You will now receive an E-Mail in your mailbox to reset the password or Username.

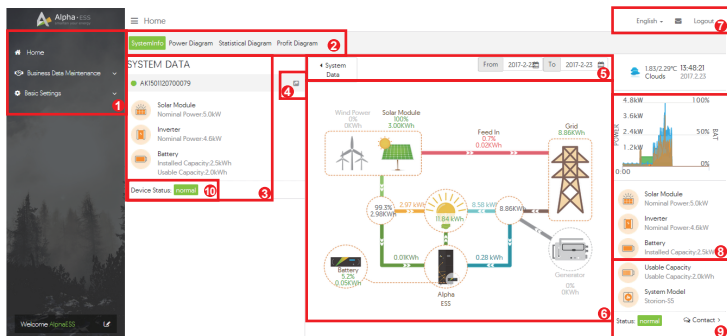


The screenshot shows the 'Register' page. It has a title 'Register' at the top. Below it are several input fields and checkboxes. The first row has 'User Type' (a dropdown menu with 'End user' selected) and 'S/N' (an input field). The second row has 'Username' (an input field). The third row has 'Password' and 'Confirm Password' (both input fields). The fourth row has 'Country', 'Province/State', and 'City' (three input fields). The fifth row has 'Address' and 'Zip Code' (two input fields). The sixth row has 'Language' (a dropdown menu with 'English' selected), 'Contacts' (an input field), and 'Contact Number' (an input field). The seventh row has 'E-mail' (an input field). The eighth row has 'Time zone' (a dropdown menu with '(UTC-12:00) International Date Line West' selected). Below these are two checkboxes: 'Compulsorily upgrade?' (checked) and 'Read and accept <<Terms and Conditions>>' (unchecked). At the bottom are two buttons: a green 'SIGN UP NOW' button and a white 'Back' button with a green border.

Figure 3. Register

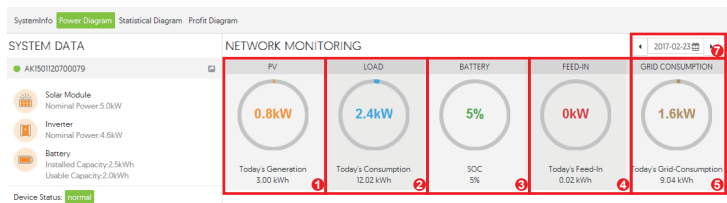
In this form, all blanks marked with an asterisk must be filled out.

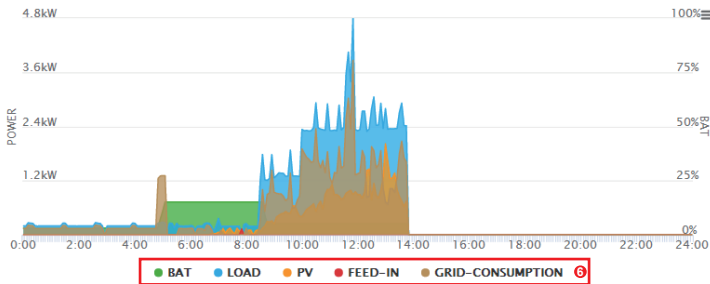
2. Network Monitoring Page



Number	Function
1	Home, data Maintenance and Basic Setting
2	Systeminfo, Power Diagram, Statistical Diagram, Profit Diagram select
3	Single system data, PV capacity, Inverter capacity, Battery capacity
4	Share your system to others.
5	History data select.
6	System Real-time data. (PV, Load, Battery, Feed-in, Grid consumption and Self-consumption.
7	Language and logout.
8	System Real-time data.(chart form).
9	All System data.
10	System Status. (Normal, warning, or offline)

2.1 Power Diagram





The Power Diagram includes the PV generation, load consumption, battery charge state, feed-in and Grid consumption.

Number	Function
1	PV current power & current total generation (today)
2	Load current power & current total consumption (today)
3	Battery current SOC
4	System current feed-in power & current total feed-in energy.
5	Grid-consumption current power & current total energy.
6	You can hide some curves by clicking the button.
7	Check today's or history data of the PV generation, load consumption, battery charge state, feed-in and Grid consumption.

2.2 Statistical Diagram

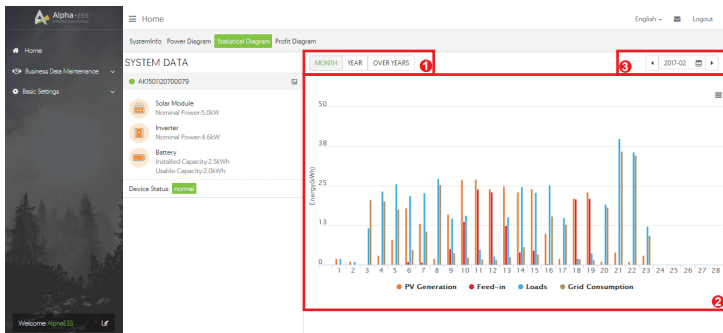


Figure6. Network Monitoring –Statistical Diagram

It shows the statistical energy value of PV, Load, Feed-in and Grid consumption in a period (month, year, years).

Number	Function
1	Select which month, year or years.
2	Total value of PV consumption, Grid feed-in, Loads, Grid consumption in a period of history.
3	Select which month.

2.3 Profit Diagram

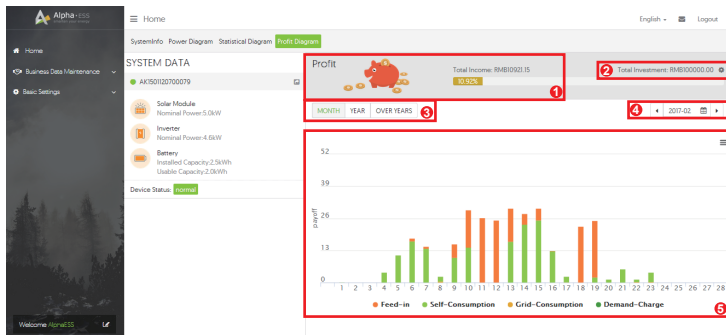


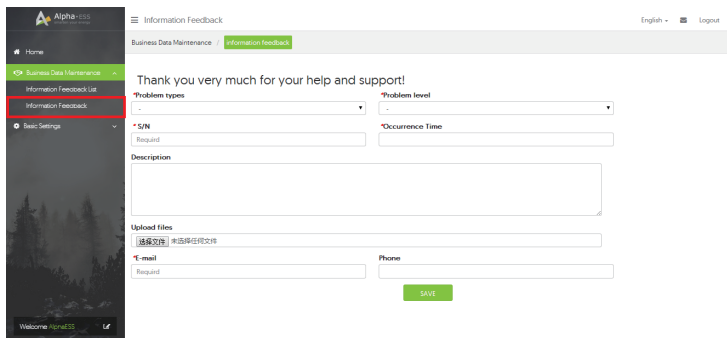
Figure 7. Network Monitoring – Profit Diagram

It shows the profit value of Feed-in, Self-consumption, Grid charge, and demand charge in a period (month, year, years).

Number	Function
1	Total income and income rate in the total investment.
2	Total investment. (Input the investment value)
3	Select which month, year or years.
4	Select which month.
5	Profit value detail

3. Business Data Maintenance

The screenshot shows the 'Information Feedback List' page in the Alpha-ESS system. It includes a search bar with filters for 'Problem Types', 'Problem Level', 'S/N', and 'Status'. Below the search bar is a table with columns: SEQUENCE NUMBERS, PROBLEM TYPES, PROBLEM LEVEL, S/N, OCCURRENCE TIME, STATUS, UPDATE TIME, and OPERATE. The 'Information Feedback List' is currently selected in the left sidebar.



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Information Feedback

Business Data Maintenance / Information Feedback

Thank you very much for your help and support!

Problem types
-

Problem level
-

S/N
Required

Occurrence Time

Description

Upload files
选择文件 请选择任何文件

E-mail
Required

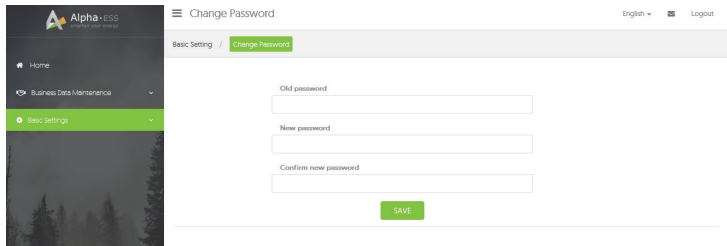
Phone

SAVE

Figure 8. Network Monitoring –Business Data Maintenance

You can use it for sending any problems, questions, advices about products or company to us.

4. Basic Setting



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Change Password

Basic Setting / Change Password

Old password

New password

Confirm new password

SAVE

Figure 9. Network Monitoring –Basic Setting

Before you have access to the online monitoring data, you must obtain an account from your installer. More detailed information can be obtained in Online Monitoring Webserver User Manual.

You can use it to set electricity prices, user information, change password and receive notifications.

Thank you for reading the AlphaESS User Manual Online Monitoring. If you have any problems, please feel free to send an e-mail to info@alpha-ess.com.



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