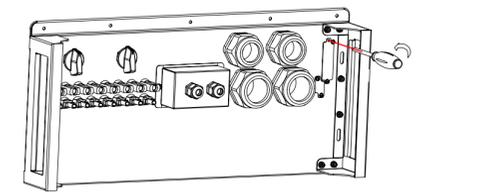


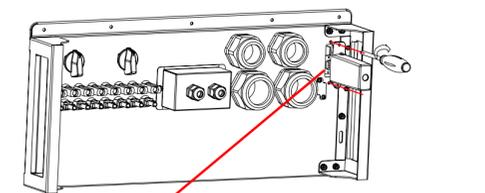


ATESS EnerWiFi-BM User Manual

- Confirm the switch is set to 4G/WiFi mode
- Use a PH1 screwdriver to remove the 4G/WiFi cover on the bottom of the HPS. As shown in the image below, unscrew the two crosshead screws (M3*12).

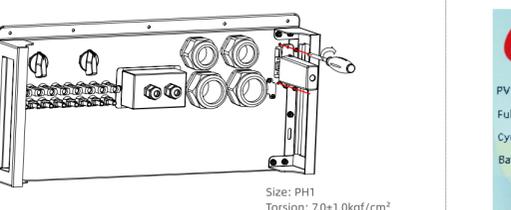


Confirm that the HPS toggle switch is set to 4G/WiFi mode. The toggle position is shown in the image below (switch toward the RS232 interface)



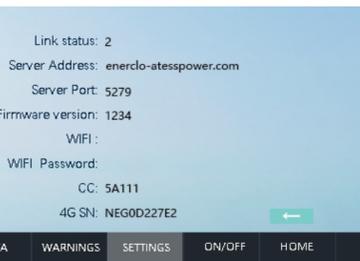
REST Button Function Description:
 1. Press the button for 0.5-5 seconds to switch the module to Bluetooth mode.
 2. Press the button for 5-10 seconds to restart the device.
 3. Press the button for 10-15 seconds to restore factory settings. All parameters except the serial number and device information (BCU quantity, BCU type) will be restored to their initial values.

Attach the EnerWiFi to the HPS
 Using a PH1 screwdriver, as shown in the image below, secure it to the designated position on the HPS with two crosshead screws (M3*12). It is recommended to perform this operation while the HPS is powered off.



Configure WiFi parameters on the HPS LCD

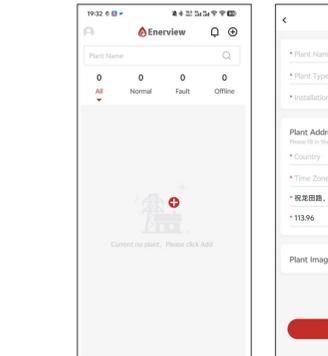
Method 1: Inverter-based network configuration
 1. Go to the second page of "Information" on the HPS screen. Set the server address to enercl0-atesspower.com and the server port to 5279. Then, enter the WiFi name (SSID) and WiFi password on the HPS screen.



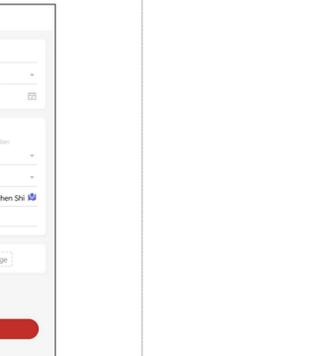
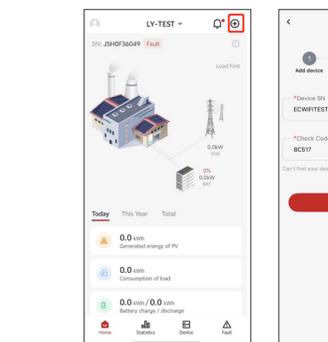
2. Once EnerWiFi is successfully connected, wait for 6 minutes. The network connection status will appear in the upper right corner of the LCD home screen.



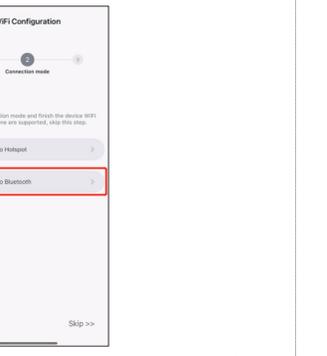
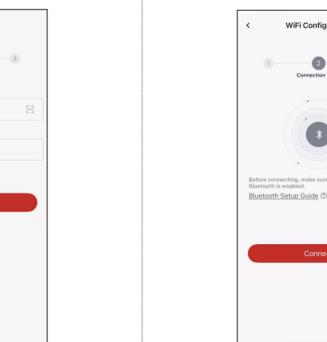
Method 2: App-based network configuration
 1. Open the Enerview Pro APP to enter the home page. Select "Add Site". If a site already exists, this step can be skipped.



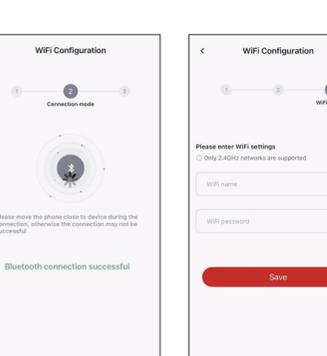
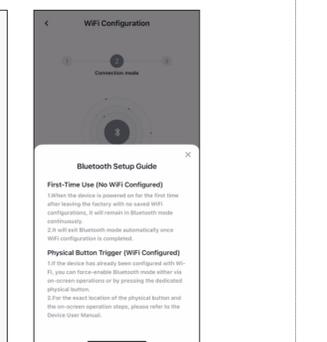
2. Tap the "Add Device" button in the upper right corner, then scan or manually enter the SN number and CC verification code. After successful addition, follow the steps to connect via Bluetooth. The Bluetooth name will be the SN number.



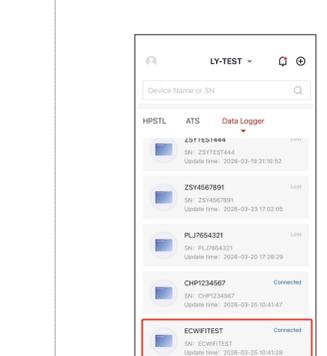
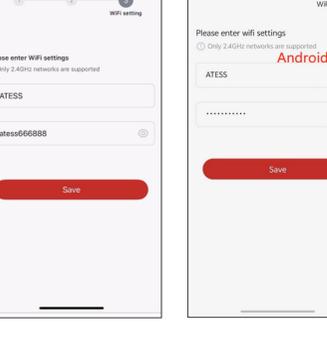
Bluetooth Connection: After tapping "Connect", the APP will search for the data logger's Bluetooth and establish a connection. Once connected, it will automatically navigate to the network configuration page. Enter the correct Wi-Fi name and password (Android phones support scanning for Wi-Fi network lists). Verify that the entered name and password are correct, then tap "Set" and wait 1-5 minutes. You can then go online to view device information.



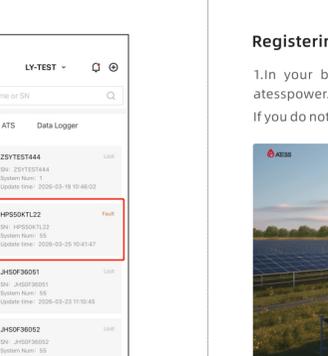
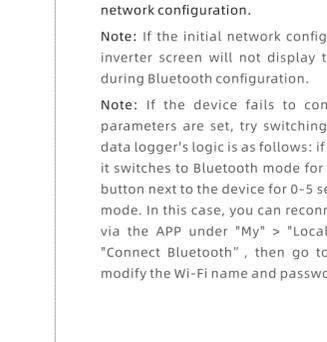
Note: iOS devices do not support scanning for Wi-Fi lists during network configuration.



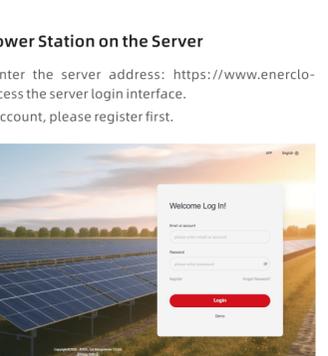
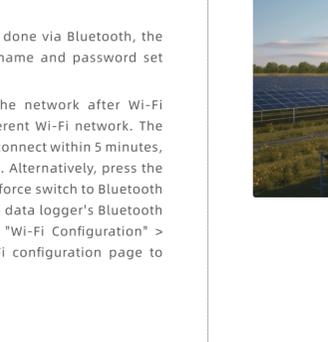
Note: If the initial network configuration is done via Bluetooth, the inverter screen will not display the Wi-Fi name and password set during Bluetooth configuration.



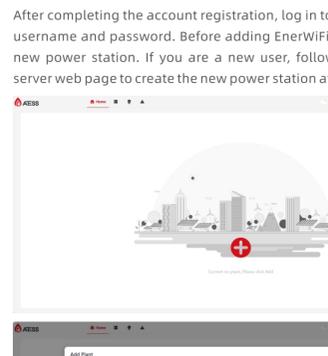
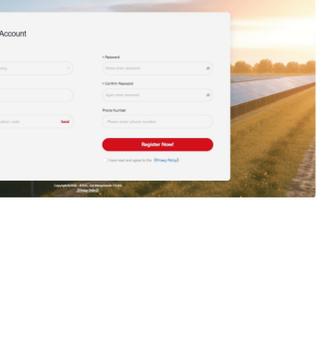
Note: If the device fails to connect to the network after Wi-Fi parameters are set, try switching to a different Wi-Fi network. The data logger's logic is as follows: if it fails to connect within 5 minutes, it switches to Bluetooth mode for 5 minutes. Alternatively, press the button next to the device for 0-5 seconds to force switch to Bluetooth mode. In this case, you can reconnect to the data logger's Bluetooth via the APP under "My" > "Local Tools" > "Wi-Fi Configuration" > "Connect Bluetooth", then go to the Wi-Fi configuration page to modify the Wi-Fi name and password.



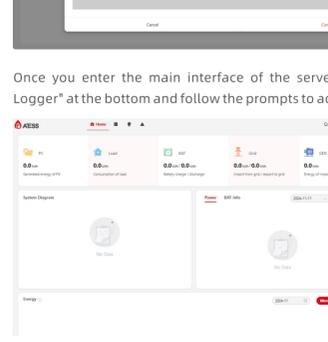
Note: After completing the account registration, log in to the server using your username and password. Before adding EnerWiFi, you need to create a new power station. If you are a new user, follow the prompts on the server web page to create the new power station after logging in.



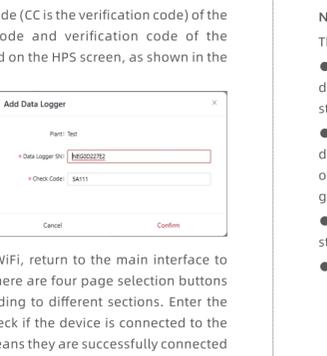
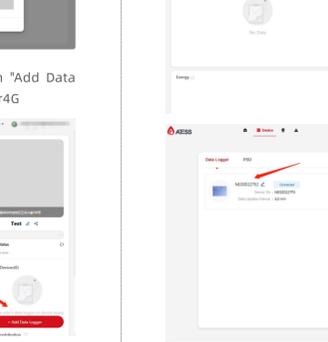
2. Click on "Register" to access the account registration page. Enter a username and input the required user information as prompted. Once completed, click on "Register Now."



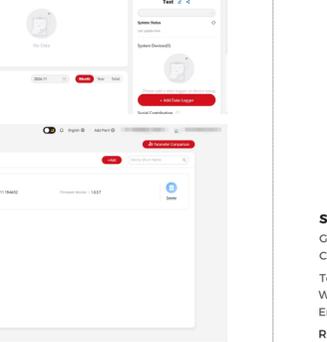
Once you enter the main interface of the server, click on "Add Data Logger" at the bottom and follow the prompts to add the Ener4G



Note: Enter the SN code and verification code (CC is the verification code) of the communication device. The SN code and verification code of the communication device are displayed on the HPS screen, as shown in the figure.



After successfully adding the EnerWiFi, return to the main interface to view the monitoring information. There are four page selection buttons on the main page, each corresponding to different sections. Enter the "Device" section, where you can check if the device is connected to the server. If devices are displayed, it means they are successfully connected to the server.



Note:
 The four pages, from left to right, are as follows:
 ● Home: Displays real-time power and battery information of the devices; shows energy trends, battery information, and monitors device status.
 ● Device: Allows you to view device status information and historical data, record all devices in the power station, and perform remote operation settings. (It is recommended to modify settings under the guidance of professionals to avoid system issues.)
 ● Plant: View all power stations under the account. Click on a power station to access its details.
 ● Fault: Allows you to view historical fault information for all devices.

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