

HANCHU ESS Battery Storage System - **User Guide**

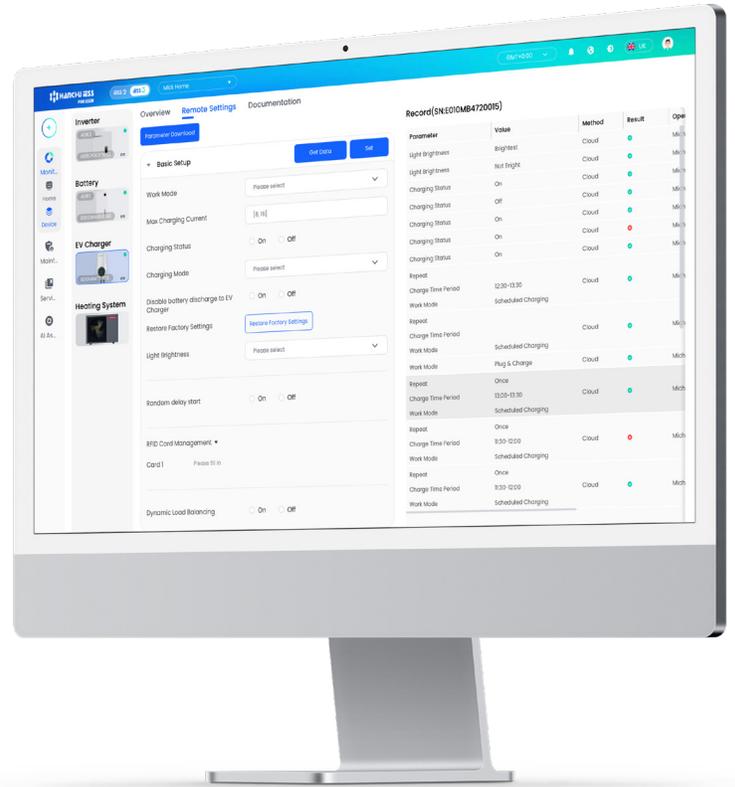
How to Change Your EV Charger's Work Mode Remotely

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1. Introduction

Yes, you can remotely change your EV charger's work mode through the Hanchu ESS monitoring portal. This feature allows you to control how and when your electric vehicle charges, giving you the flexibility to prioritize speed, cost savings, or the use of green energy. This guide will walk you through the steps to access and change your EV charger's work mode and explain what each mode does.



2. Step-by-Step Guide

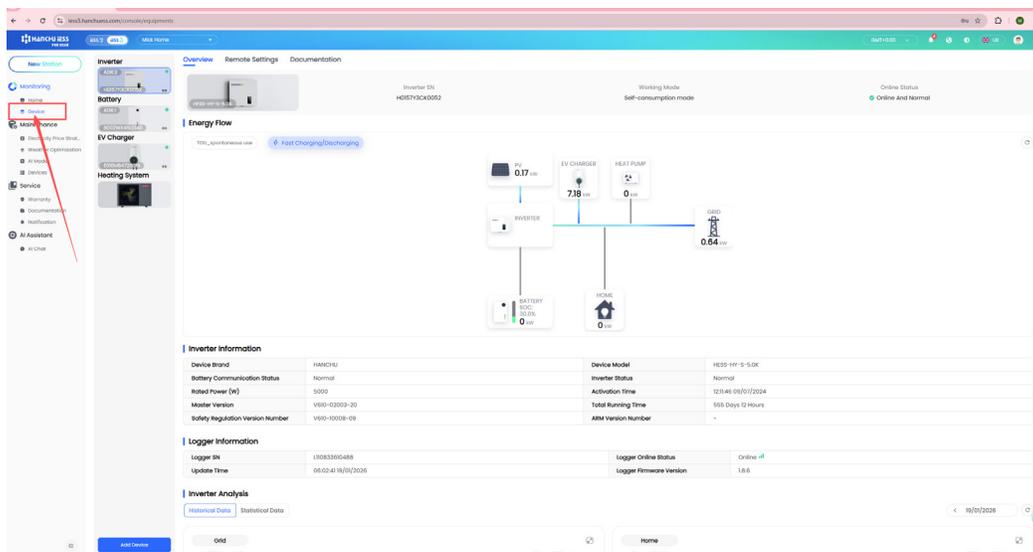
Step 1: Log In to the Hanchu ESS Portal

Begin by accessing the Hanchu ESS web portal. Open your web browser and navigate to the portal URL. You will be presented with the login screen. Enter your Account (username) and Password, then click the Sign In button.



Step 2: Navigate to Devices

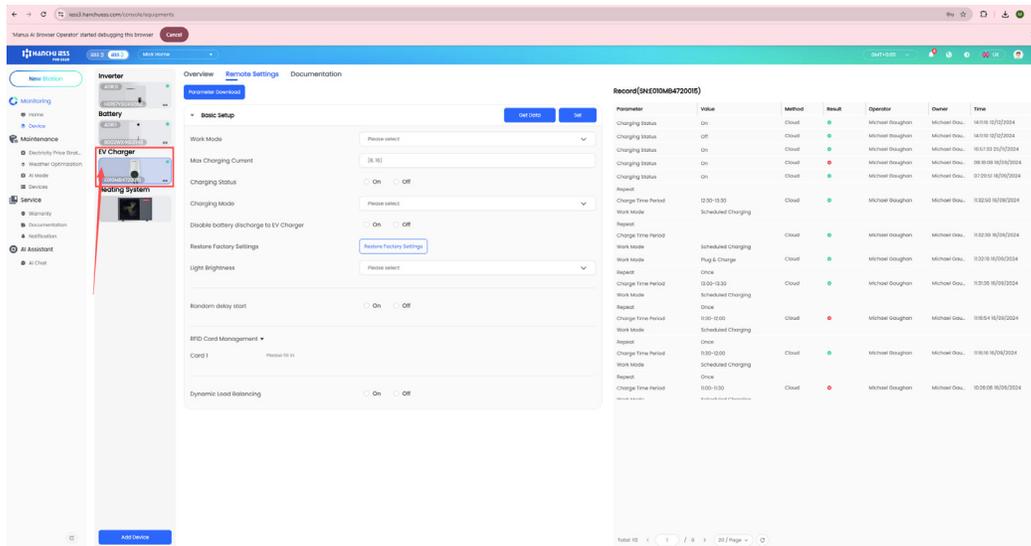
From the main dashboard, locate the Device option in the left-hand sidebar menu. Click on Device to view a list of all components in your Hanchu ESS system.



2. Step-by-Step Guide

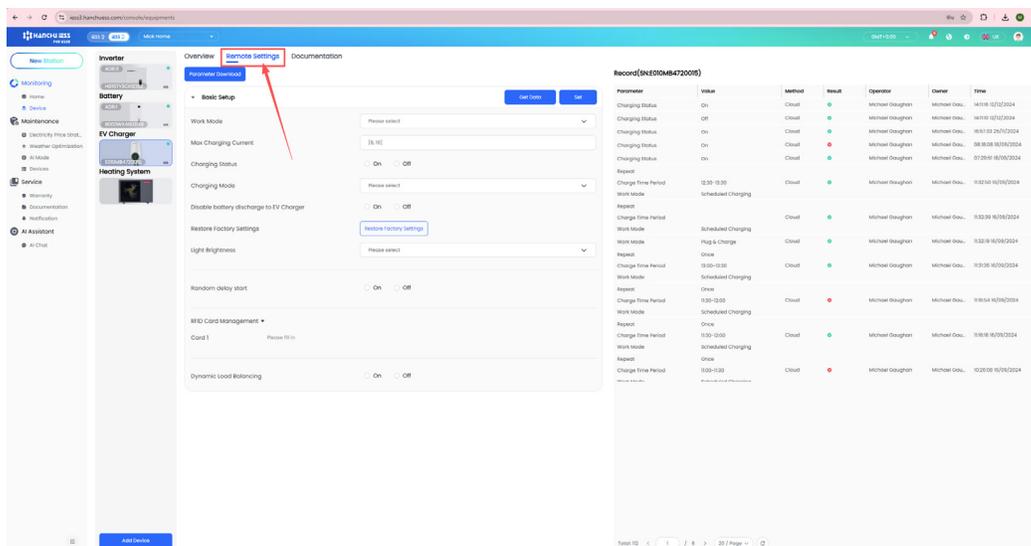
Step 3: Select Your EV Charger

On the devices page, you will see a list of your installed Hanchu ESS components, including the Inverter, Battery, and EV Charger. Click on the EV Charger section to select it and view its specific details and settings.



Step 4: Access Remote Settings

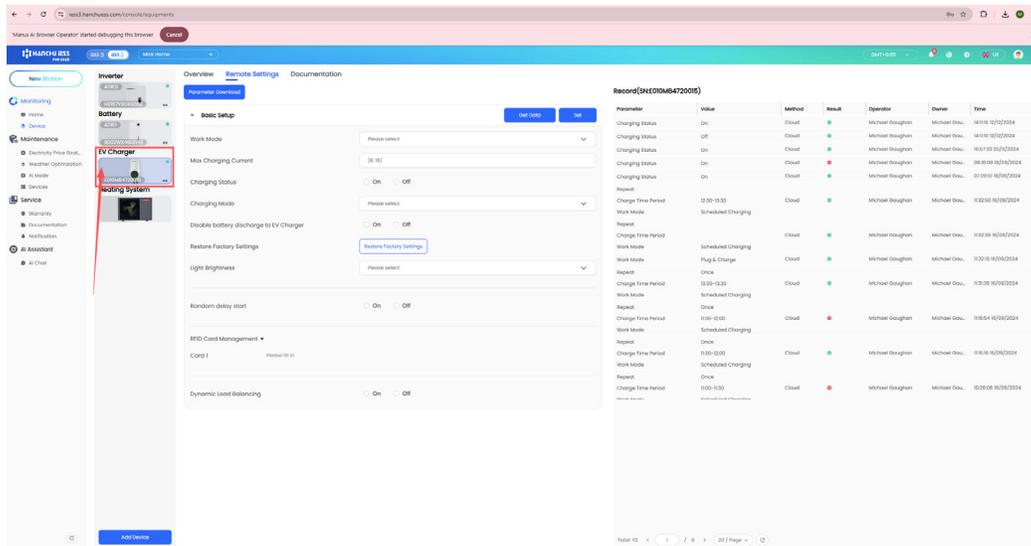
At the top of the EV Charger's detail page, click on the Remote Settings tab. This will take you to the remote configuration interface for your EV charger.



2. Step-by-Step Guide

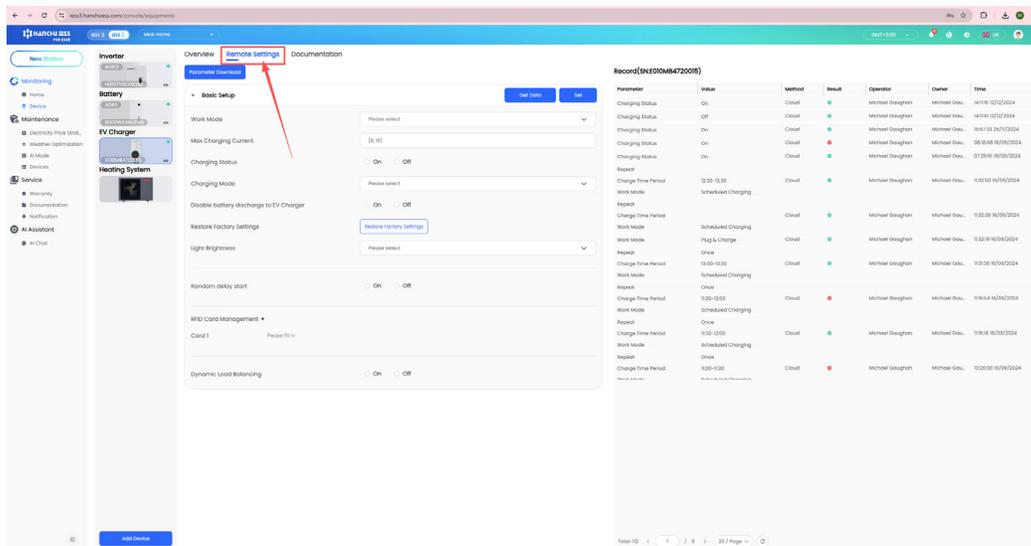
Step 3: Select Your EV Charger

On the devices page, you will see a list of your installed Hanchu ESS components. Click on the **EV Charger** section to select it and view its specific details and settings.



Step 4: Access Remote Settings

At the top of the EV Charger's detail page, click on the **Remote Settings** tab. This will take you to the remote configuration interface for your EV charger.

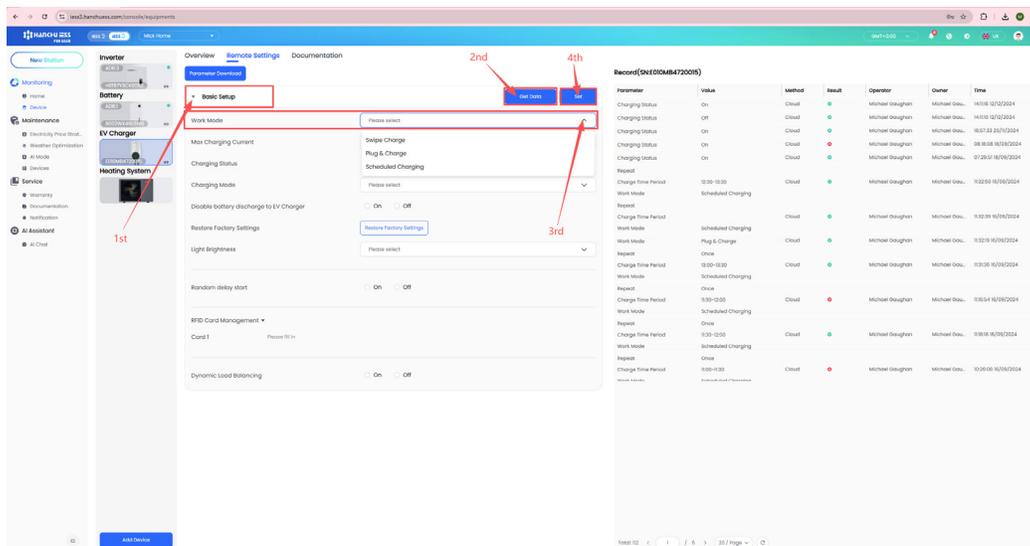


2. Step-by-Step Guide

Step 5: Locate and Change the Work Mode

On the Remote Settings page, you will find the Basic Setup section. To change the work mode, follow these steps in order:

- 1. Get Data:** First, click the **Get Data** button to retrieve the latest settings from the EV charger.
- 2. Select Work Mode:** Locate the **Work Mode** dropdown menu. Click on it to see the list of available modes.
- 3. Choose a Mode:** Select the desired **work mode** from the list (e.g., Plug & Charge, Scheduled Charging, etc.).
- 4. Set:** Finally, click the **Set** button to apply the new work mode to your EV charger. A confirmation message will appear.



3. Detailed Descriptions of EV Charger Working Modes

Plug & Charge

Primary Goal: Simplicity and immediate charging

Best For: Users who want to start charging as soon as they plug in their vehicle, without any schedules or conditions.

How It Works: The charger will begin charging the vehicle at the maximum available power as soon as it is connected.

Scheduled Charging

Primary Goal: Cost savings by charging during off-peak hours

Best For: Users with Time-of-Use (TOU) electricity tariffs who want to avoid expensive peak electricity rates.

How It Works: You can set specific start and end times for charging. The charger will only operate during these pre-defined periods.

Solar Only Mode

Primary Goal: Maximize the use of free solar energy

Best For: Environmentally conscious users with a solar panel system who want to charge their EV using 100% renewable energy.

How It Works: The charger monitors solar production and will only charge the vehicle when there is sufficient excess solar power available.

Hybrid Mode

Primary Goal: A balance between using solar energy and ensuring the vehicle is charged

Best For: Users who want to prioritize solar charging but need their EV ready by a certain time, even if it means using some grid power.

How It Works: The charger primarily uses excess solar power, but will supplement with grid power if needed to meet a set charging target or schedule.

4. Important Notes

Applying Settings: Remember to always click the **Set** button after making any changes for them to take effect.

Mode Availability: The specific work modes available to you may depend on your Hanchu ESS system configuration and software version.

Check Your Tariff: To make the most of Scheduled Charging, ensure you know your electricity provider's peak and off-peak hours.

Online Connection Required: Your EV charger must be connected to the internet and online for remote mode changes to work.

Immediate Effect: Most mode changes take effect immediately, but some may require the charger to complete its current charging cycle first.

5. Need Help?

If you have questions about which EV charger work mode is best for you, or if you need help configuring a specific mode, please contact your installation company for technical support.