



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

How Do I Turn My EV Charger On and Off? – Web-Portal

Scan to watch the YouTube video.

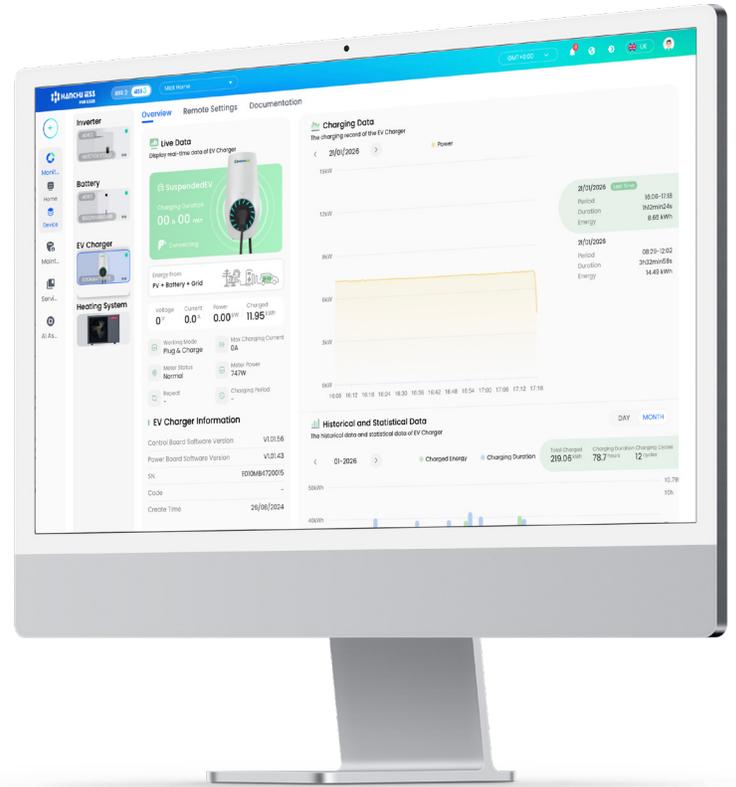


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1. Introduction

Your Hanchu ESS EV charger can be remotely controlled through the monitoring portal, allowing you to turn it on or off from anywhere. This is useful if you want to prevent charging during certain times, manage your energy usage, or stop charging when you don't need it. This guide provides a step-by-step walkthrough of how to access the charger controls and turn your EV charger on or off.



2. Step-by-Step Guide to Turning Your EV Charger On and Off

2.1 Step 1: Log In to the Hanchu ESS Portal

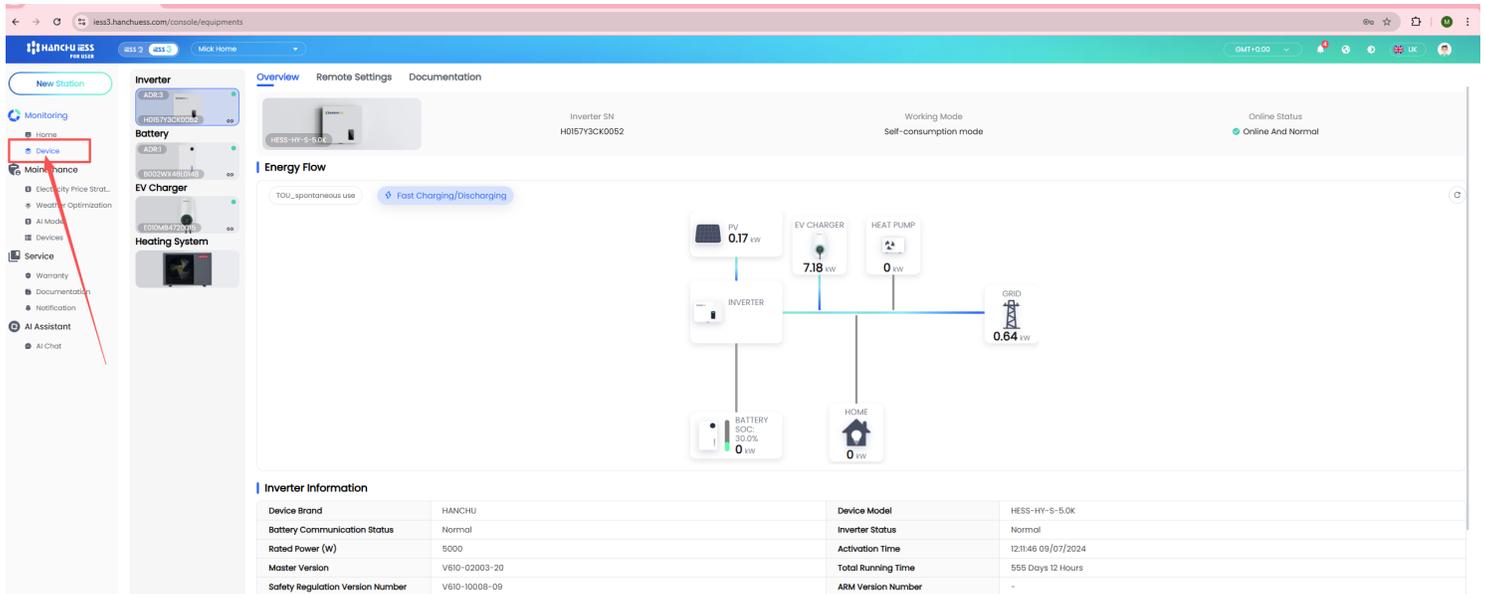
Begin by accessing the Hanchu ESS web portal. Open your web browser and navigate to the portal URL. You will be presented with the login screen. Enter your **Account** (username) and **Password**, then click the **Sign In** button.



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2.2 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.



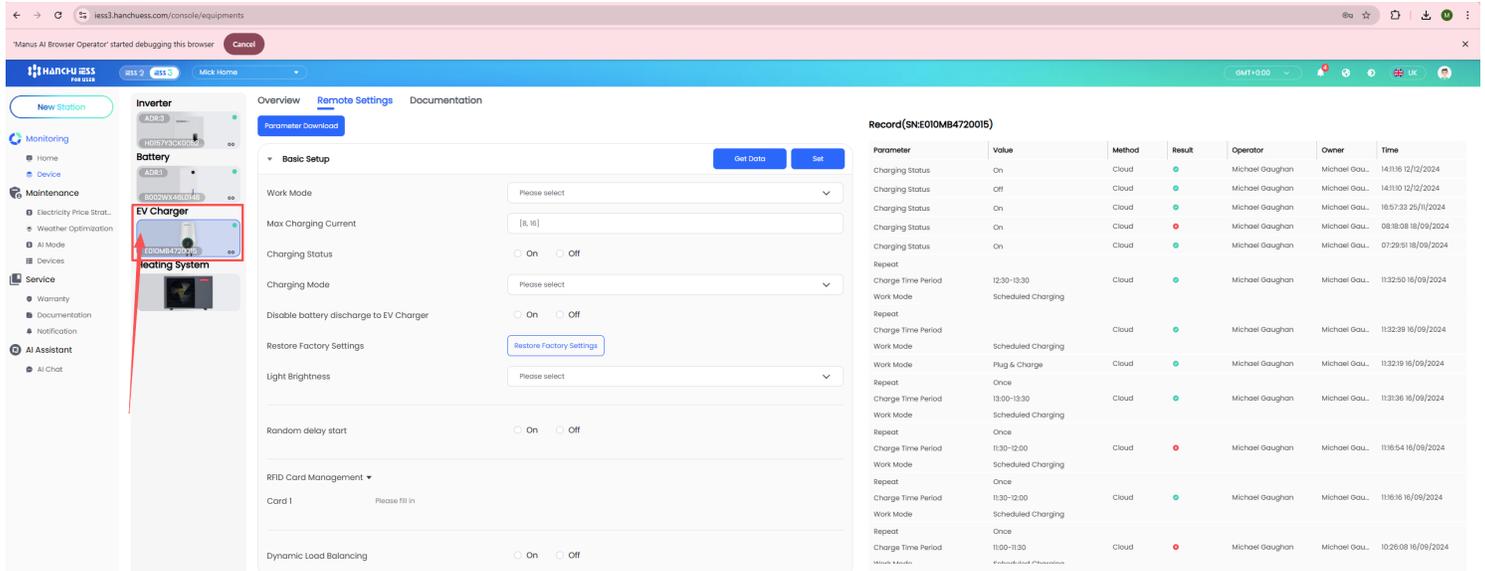
The screenshot shows the Hanchu ESS web interface. In the left-hand sidebar, the 'Device' option is highlighted with a red box and a red arrow. The main content area displays the 'Energy Flow' diagram, which shows the power flow between various components: PV (0.17 kW), EV CHARGER (7.18 kW), HEAT PUMP (0 kW), INVERTER, BATTERY (SOC: 30.0%, 0 kW), HOME (0 kW), and GRID (0.64 kW). The system is currently in 'Self-consumption mode' and 'Online And Normal' status.

Inverter Information			
Device Brand	HANCHU	Device Model	HES5-HY-S-5.0K
Battery Communication Status	Normal	Inverter Status	Normal
Rated Power (W)	5000	Activation Time	12:11:46 09/07/2024
Master Version	V610-02003-20	Total Running Time	555 Days 12 Hours
Safety Regulation Version Number	V610-10008-09	ARM Version Number	-

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2.3 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.



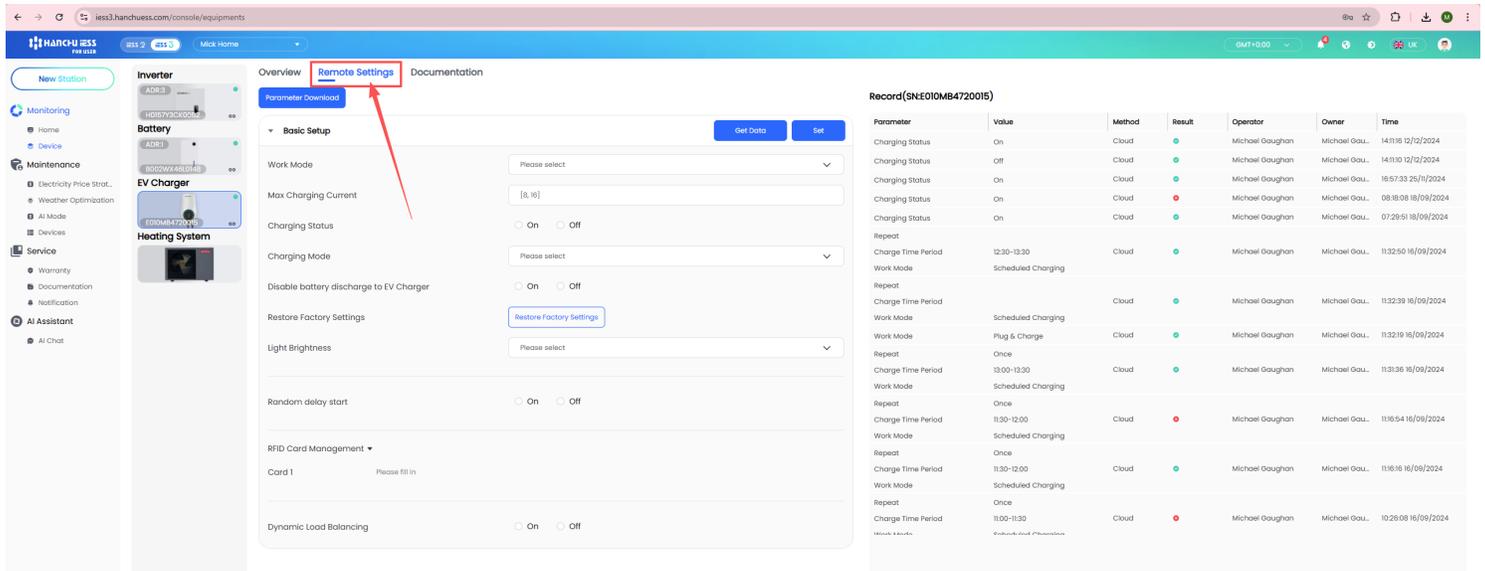
The screenshot displays the Hanchu ESS console interface. On the left, a navigation menu includes sections for Monitoring, Maintenance, and Service. The 'EV Charger' section is highlighted with a red box and a red arrow. The main content area shows the 'Basic Setup' for the EV Charger, with various configuration options and a 'Record(SNE010MB4720015)' table on the right.

Parameter	Value	Method	Result	Operator	Owner	Time
Charging Status	On	Cloud	●	Michael Gaughan	Michael Gau...	14:18 12/02/2024
Charging Status	Off	Cloud	●	Michael Gaughan	Michael Gau...	14:10 12/02/2024
Charging Status	On	Cloud	●	Michael Gaughan	Michael Gau...	16:57:33 25/11/2024
Charging Status	On	Cloud	●	Michael Gaughan	Michael Gau...	08:18:08 18/09/2024
Charging Status	On	Cloud	●	Michael Gaughan	Michael Gau...	07:29:51 18/09/2024
Repeat						
Charge Time Period	12:30-13:30	Cloud	●	Michael Gaughan	Michael Gau...	11:32:50 16/09/2024
Work Mode	Scheduled Charging					
Repeat						
Charge Time Period	Scheduled Charging	Cloud	●	Michael Gaughan	Michael Gau...	11:32:39 16/09/2024
Work Mode	Scheduled Charging					
Repeat						
Charge Time Period	Plug & Charge	Cloud	●	Michael Gaughan	Michael Gau...	11:32:19 16/09/2024
Work Mode	Plug & Charge					
Repeat						
Charge Time Period	13:00-13:30	Cloud	●	Michael Gaughan	Michael Gau...	11:31:38 16/09/2024
Work Mode	Scheduled Charging					
Repeat						
Charge Time Period	11:30-12:00	Cloud	●	Michael Gaughan	Michael Gau...	11:06:54 16/09/2024
Work Mode	Scheduled Charging					
Repeat						
Charge Time Period	Once	Cloud	●	Michael Gaughan	Michael Gau...	11:06:16 16/09/2024
Work Mode	Once					
Repeat						
Charge Time Period	11:00-11:30	Cloud	●	Michael Gaughan	Michael Gau...	10:26:08 16/09/2024
Work Mode	Once					

2. Step-by-Step Guide to Turning Your EV Charger On and Off

2.4 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.



The screenshot shows the HANCHU ESS console interface. The 'Remote Settings' tab is highlighted with a red box and an arrow. The settings are organized into sections:

- Basic Setup:** Includes 'Work Mode' (Please select), 'Max Charging Current' (8.16), 'Charging Status' (On/Off), 'Charging Mode' (Please select), 'Disable battery discharge to EV Charger' (On/Off), 'Restore Factory Settings' (button), 'Light Brightness' (Please select), 'Random delay start' (On/Off), 'RFID Card Management' (Card 1: Please fill in), and 'Dynamic Load Balancing' (On/Off).
- Record(SNE010MB4720015):** A table showing charging records with columns for Parameter, Value, Method, Result, Operator, Owner, and Time.

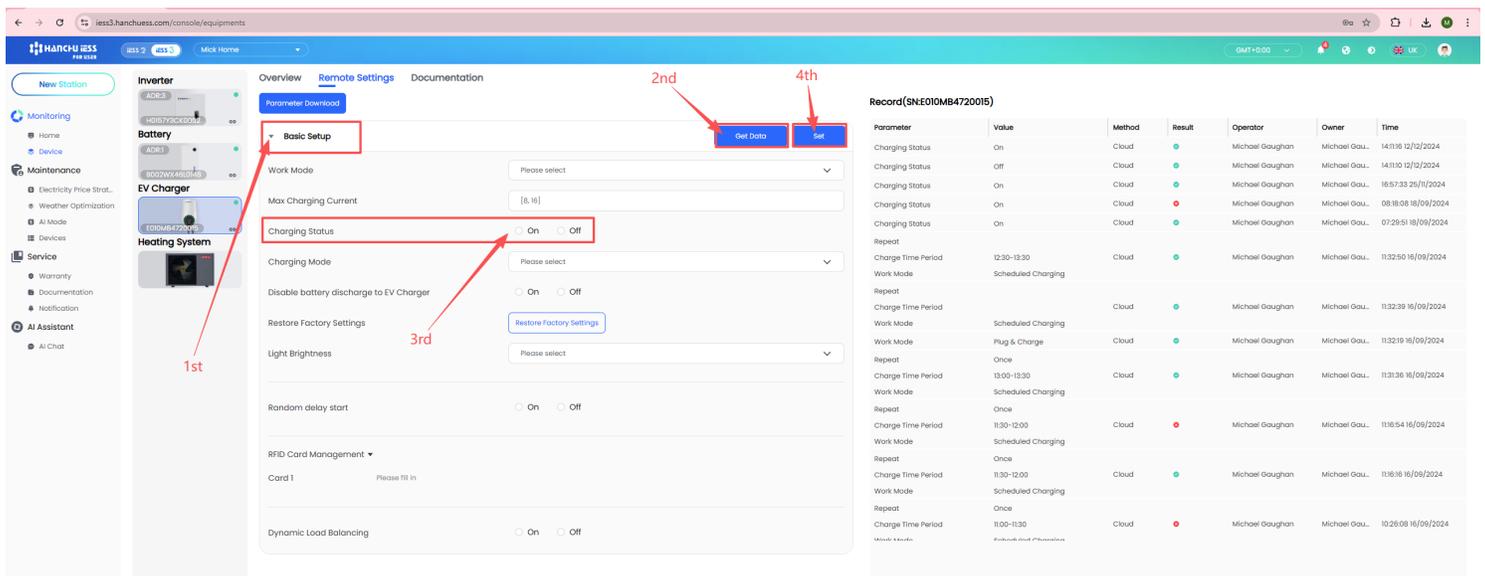
Parameter	Value	Method	Result	Operator	Owner	Time
Charging Status	On	Cloud	●	Michael Gaughan	Michael Gau...	14:18 12/27/2024
Charging Status	Off	Cloud	●	Michael Gaughan	Michael Gau...	14:10 12/27/2024
Charging Status	On	Cloud	●	Michael Gaughan	Michael Gau...	16:57:33 25/11/2024
Charging Status	On	Cloud	●	Michael Gaughan	Michael Gau...	08:18 08 16/09/2024
Charging Status	On	Cloud	●	Michael Gaughan	Michael Gau...	07:29:51 16/09/2024
Repeat						
Charge Time Period	12:30-13:30	Cloud	●	Michael Gaughan	Michael Gau...	11:32:50 16/09/2024
Work Mode	Scheduled Charging					
Repeat						
Charge Time Period		Cloud	●	Michael Gaughan	Michael Gau...	11:32:39 16/09/2024
Work Mode	Scheduled Charging					
Repeat						
Work Mode	Plug & Charge	Cloud	●	Michael Gaughan	Michael Gau...	11:32:19 16/09/2024
Repeat						
Charge Time Period	13:00-13:30	Cloud	●	Michael Gaughan	Michael Gau...	11:31:36 16/09/2024
Work Mode	Scheduled Charging					
Repeat	Once					
Charge Time Period	11:30-12:00	Cloud	●	Michael Gaughan	Michael Gau...	11:05:54 16/09/2024
Work Mode	Scheduled Charging					
Repeat	Once					
Charge Time Period	11:30-12:00	Cloud	●	Michael Gaughan	Michael Gau...	11:05:16 16/09/2024
Work Mode	Scheduled Charging					
Repeat	Once					
Charge Time Period	11:00-11:30	Cloud	●	Michael Gaughan	Michael Gau...	10:28:08 16/09/2024
Work Mode	Scheduled Charging					

2. Step-by-Step Guide to Turning Your EV Charger On and Off

2.5 Step 5: Turn the EV Charger On or Off

On the Remote Settings page, you will find the **Basic Setup** section. To turn your EV charger on or off, follow these steps in order:

1. **Get Data:** First, click the **Get Data** button to retrieve the latest settings from the EV charger.
2. **Open Basic Setup:** The Basic Setup section should already be visible. If not, click on it to expand it.
3. **Select Charging Status:** Locate the **Charging Status** option. You will see two radio buttons: **On** and **Off**.
 - Select On to enable the charger (it will be ready to charge when a vehicle is connected)
 - Select Off to disable the charger (it will not charge even if a vehicle is connected)
4. **Set:** Finally, click the **Set** button to apply your changes. A confirmation message will appear indicating that the setting has been applied.



Parameter	Value	Method	Result	Operator	Owner	Time
Charging Status	On	Cloud	●	Michael Gaughan	Michael Gou...	14/11/18 12/12/2024
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Work Mode	Scheduled Charging					
Repeat						
Charge Time Period	Scheduled Charging	Cloud	●	Michael Gaughan	Michael Gou...	11:32:39 16/09/2024
Work Mode	Plug & Charge	Cloud	●	Michael Gaughan	Michael Gou...	11:32:19 16/09/2024
Repeat	Once					
Charge Time Period	13:00-13:30	Cloud	●	Michael Gaughan	Michael Gou...	11:31:36 16/09/2024
Work Mode	Scheduled Charging					
Repeat	Once					
Charge Time Period	11:30-12:00	Cloud	●	Michael Gaughan	Michael Gou...	11:16:54 16/09/2024
Work Mode	Scheduled Charging					
Repeat	Once					
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Work Mode	Scheduled Charging					
Repeat	Once					
Charge Time Period	11:00-11:30	Cloud	●	Michael Gaughan	Michael Gou...	10:28:09 16/09/2024

Example: Setting Times for Expensive Tariffs

If your electricity provider offers expensive rates from 5:00 PM to 7:00 PM, you would set:

Field	Value
Start time	17:00
End time	19:00

3. Important Information

3.1 What “On” Means

When you set the Charging Status to **On**, the EV charger is enabled and ready to charge. If a vehicle is plugged in and the work mode allows it, charging will begin automatically or according to your configured schedule.

3.2 What “Off” Means

When you set the Charging Status to **Off**, the EV charger is disabled. Even if a vehicle is connected, no charging will occur. This is useful if you want to prevent charging during peak electricity hours or if you need to perform maintenance.

3.3 Important Notes

Immediate Effect: Changes to the Charging Status take effect immediately after you click the **Set** button.

Current Charging: If your charger is currently charging a vehicle when you turn it off, the charging will stop.

Safety: The charger will safely disconnect from the vehicle when turned off.

Work Mode: The Charging Status setting works in conjunction with your selected Work Mode. Even if the charger is set to On, it will respect the rules of your chosen Work Mode (e.g., Scheduled Charging will only charge during scheduled times).

4. Need Help?

If you have questions about turning your EV charger on or off, or if you need help with other charger controls, please contact your installation company for technical support.