



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

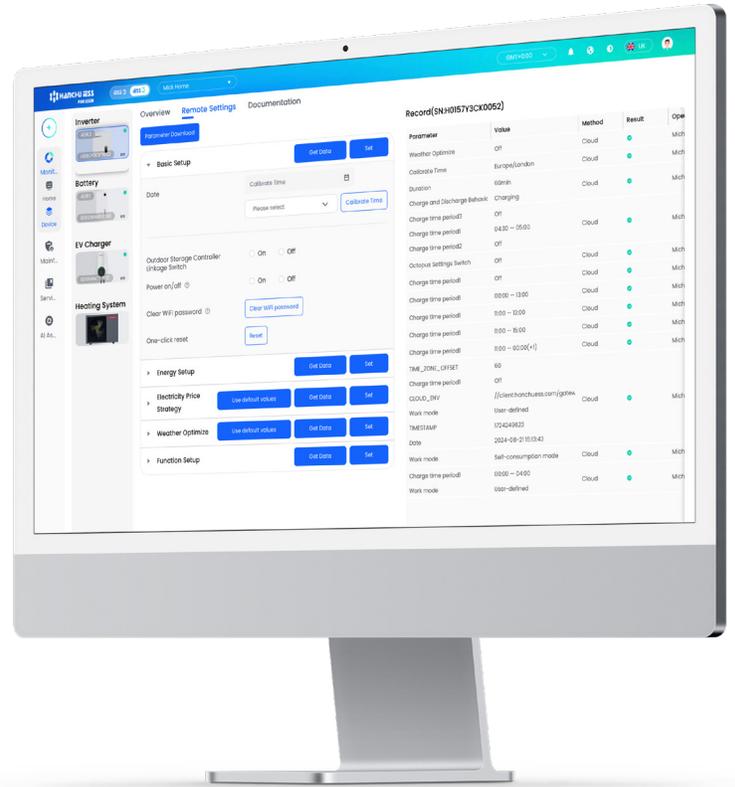
How to Turn Your Inverter On and Off Remotely – Web-Portal

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1. Introduction

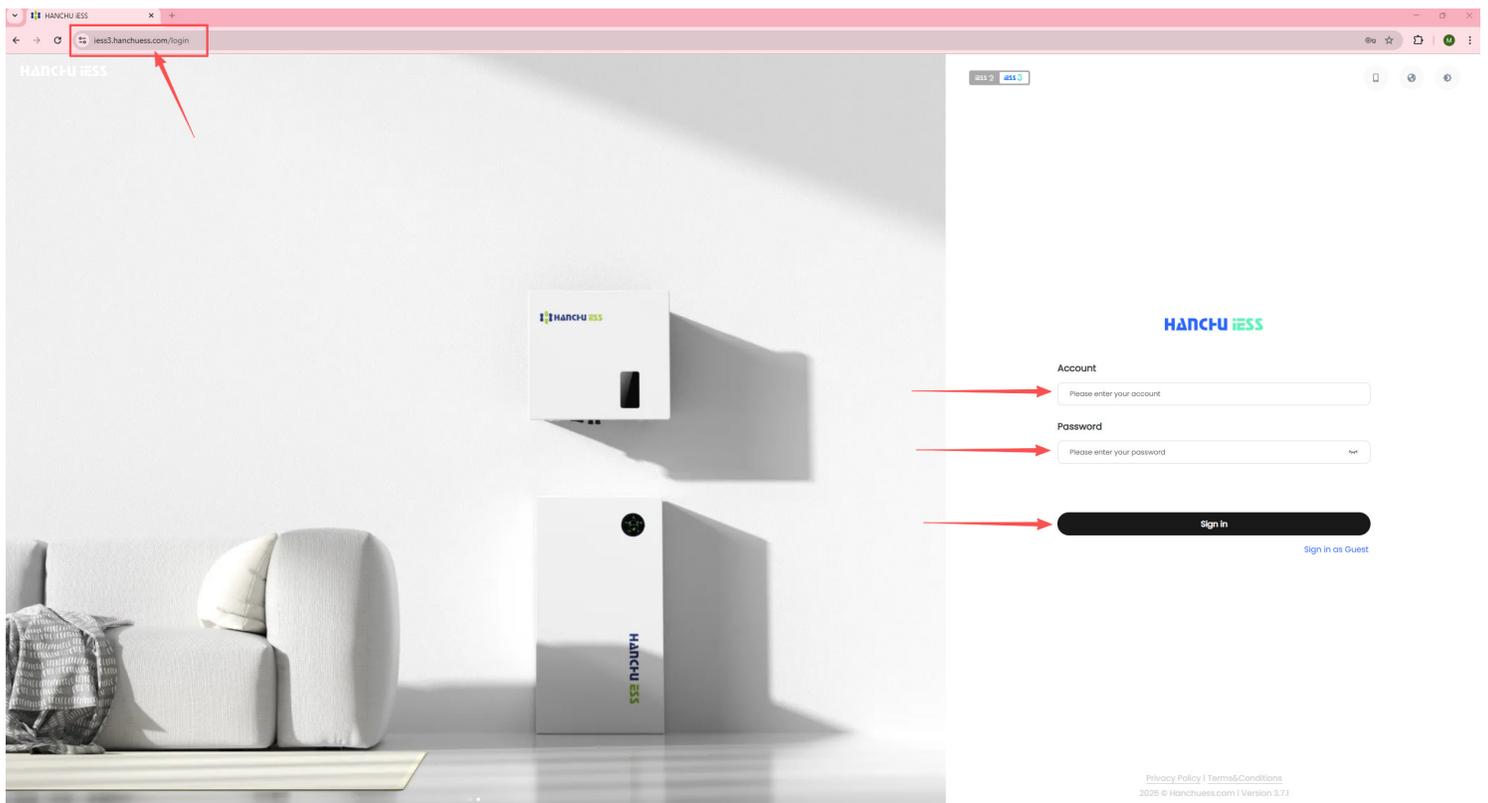
This guide will walk you through the process of turning your Hanchu ESS inverter on and off remotely using the Hanchu ESS web portal. This feature is useful for maintenance, system resets, or when you need to shut down the inverter for an extended period. The process is straightforward and can be completed remotely from any device with internet access.



2. Step-by-Step Instructions

2.1 Step 1: Log In to the Hanchu ESS Portal

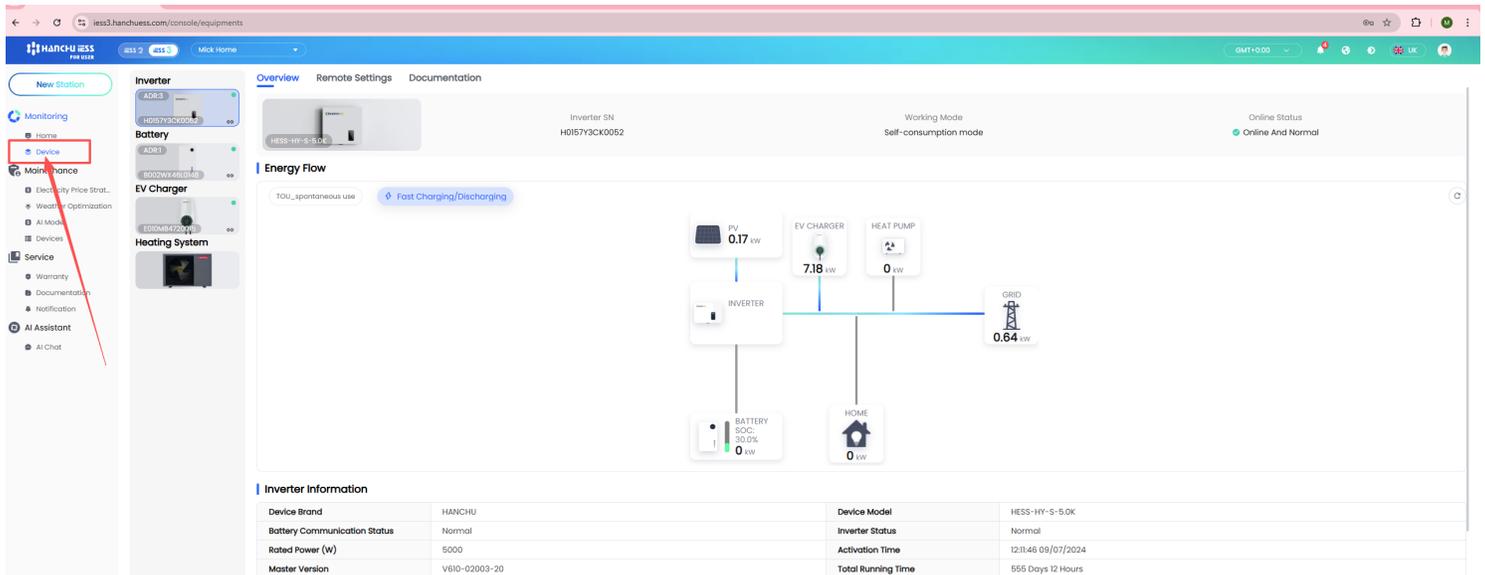
Begin by accessing the Hanchu ESS web portal. Open your web browser and navigate to the portal URL provided by your installer. You will be presented with the login screen where you need to enter your credentials. Enter your **Account** (username) in the first field, then enter your **Password** in the second field. Once both fields are completed, click the **Sign In** button to access your system dashboard.



2. Step-by-Step Instructions

2.2 Step 2: Navigate to Devices

After successfully logging in, you will be taken to the home dashboard. From here, you need to access the device management section. Look at the left-hand sidebar menu and locate the **Device** option. Click on **Device** to view a list of all the components in your Hanchu ESS system.



The screenshot shows the Hanchu ESS web interface. On the left sidebar, the 'Device' option is highlighted with a red box and a red arrow. The main dashboard displays the following information:

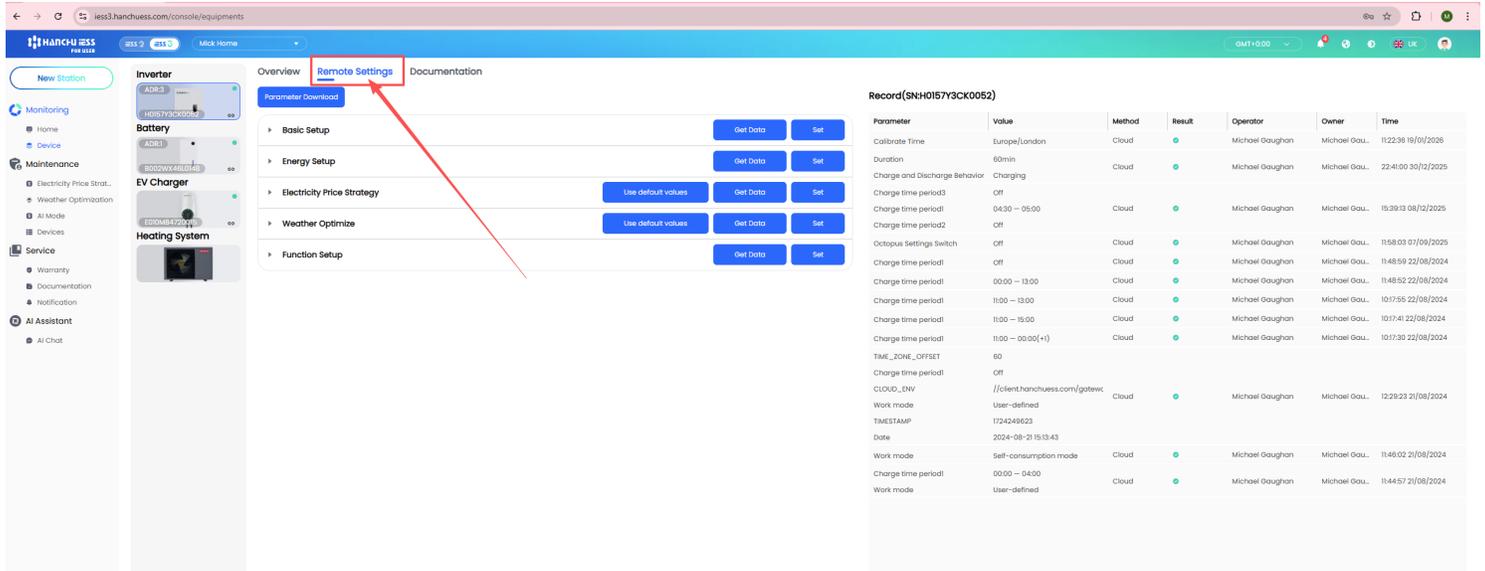
- Overview:** Inverter SN: H01573CX0052, Working Mode: Self-consumption mode, Online Status: Online And Normal.
- Energy Flow:** A diagram showing power flow between PV (0.17 kW), EV CHARGER (7.18 kW), HEAT PUMP (0 kW), INVERTER, BATTERY (SOC: 30.0%, 0 kW), HOME (0 kW), and GRID (0.64 kW). The system is in 'Fast Charging/Discharging' mode.
- Inverter Information Table:**

Device Brand	HANCHU	Device Model	HES-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	V810-02003-20	Total Running Time	555 Days 12 Hours

2. Step-by-Step Instructions

2.3 Step 3: Select Your Inverter

The inverter is already selected as the default device and is always positioned at the top of the devices page. You can click on the inverter image to ensure the inverter is selected correctly and to access its detail page.



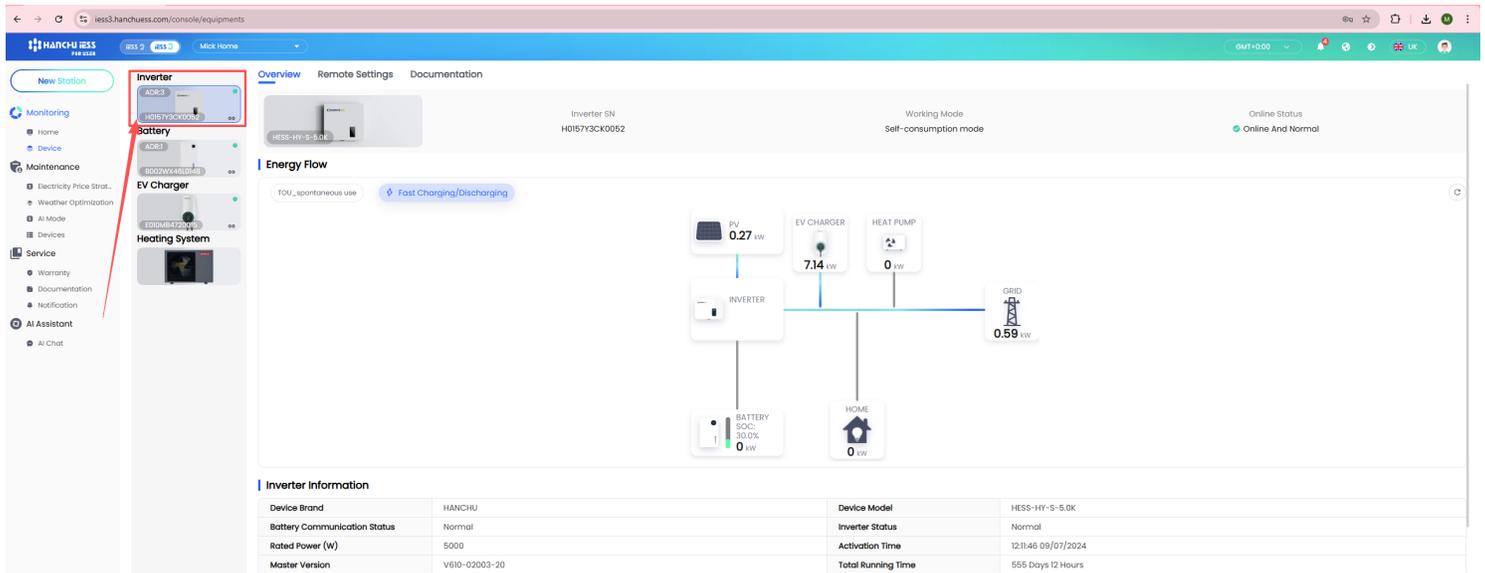
The screenshot shows the HANCHU ESS console interface. The 'Remote Settings' tab is selected and highlighted with a red box. A red arrow points from the text above to this tab. The interface displays various configuration sections for the inverter, including Basic Setup, Energy Setup, Electricity Price Strategy, Weather Optimize, and Function Setup. Each section has 'Get Data' and 'Set' buttons. A 'Parameter Download' button is also visible. On the right side, there is a table titled 'Record(SNH0157Y3CK0062)' showing a list of parameters, their values, methods, results, operators, owners, and times.

Parameter	Value	Method	Result	Operator	Owner	Time
Calibrate Time	Europe/London	Cloud	●	Michael Gaughan	Michael Gau...	11:22:38 18/09/2025
Duration	60min					
Charge and Discharge Behavior	Charging	Cloud	●	Michael Gaughan	Michael Gau...	22:41:00 30/12/2025
Charge time period3	Off					
Charge time period1	04:30 - 09:00	Cloud	●	Michael Gaughan	Michael Gau...	15:39:13 08/12/2025
Charge time period2	Off					
Octopus Settings Switch	Off	Cloud	●	Michael Gaughan	Michael Gau...	11:58:03 07/09/2025
Charge time period1	Off	Cloud	●	Michael Gaughan	Michael Gau...	11:48:59 22/08/2024
Charge time period1	00:00 - 13:00	Cloud	●	Michael Gaughan	Michael Gau...	11:48:52 22/08/2024
Charge time period1	11:00 - 13:00	Cloud	●	Michael Gaughan	Michael Gau...	10:17:55 22/08/2024
Charge time period1	11:00 - 15:00	Cloud	●	Michael Gaughan	Michael Gau...	10:17:41 22/08/2024
Charge time period1	11:00 - 00:00(+1)	Cloud	●	Michael Gaughan	Michael Gau...	10:17:30 22/08/2024
TIME_ZONE_OFFSET	60					
Charge time period1	Off					
CLOUD_INV	//client.hanchuess.com/gatew...	Cloud	●	Michael Gaughan	Michael Gau...	12:29:23 21/08/2024
Work mode	User-defined					
TIMESTAMP	1724249623					
Date	2024-08-21 15:03:43					
Work mode	Self-consumption mode	Cloud	●	Michael Gaughan	Michael Gau...	11:46:02 21/08/2024
Charge time period1	00:00 - 04:00	Cloud	●	Michael Gaughan	Michael Gau...	11:44:57 21/08/2024
Work mode	User-defined	Cloud	●	Michael Gaughan	Michael Gau...	

2. Step-by-Step Instructions

2.4 Step 4: Access Remote Settings

From the inverter detail page, you need to access the remote configuration options. At the top of the inverter detail page, you will see several tabs including **Overview**, **Remote Settings**, and **Documentation**. Click on the tab to access the configuration interface.



The screenshot shows the HANCHU ESS user interface. The left sidebar contains navigation options like Monitoring, Maintenance, and Service. The main content area is titled 'Inverter' and shows details for device SN H01673CK0052. The 'Remote Settings' tab is selected at the top. Below the tabs, there's an 'Energy Flow' diagram showing power flows between PV (0.27 kW), EV CHARGER (7.14 kW), HEAT PUMP (0 kW), INVERTER, BATTERY SOC (30.0%), HOME (0 kW), and GRID (0.59 kW). At the bottom, there's an 'Inverter Information' table.

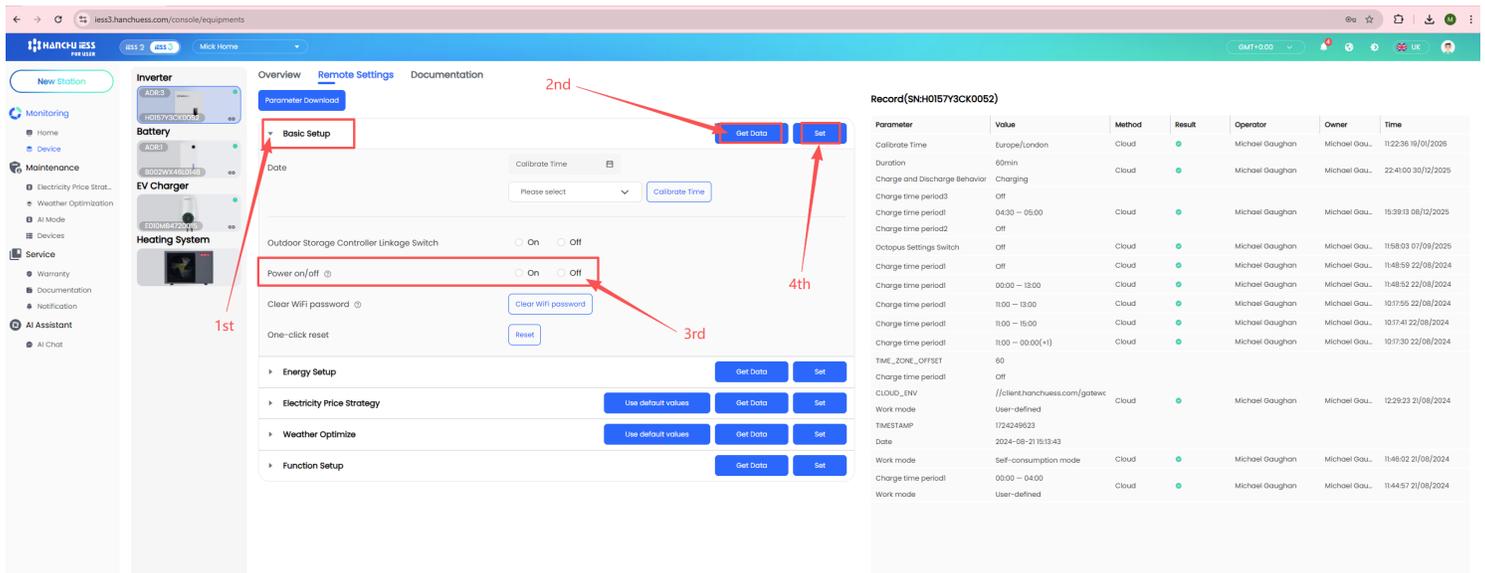
Inverter Information		Inverter Information	
Device Brand	HANCHU	Device Model	HES5-1N1-S-5.0K
Battery Communication Status	Normal	Inverter Status	Normal
Rated Power (W)	5000	Activation Time	12:11:48 09/07/2024
Master Version	V610-02003-20	Total Running Time	555 Days 12 Hours

2. Step-by-Step Instructions

2.5 Step 5: Turn the Inverter On or Off

Now that you have accessed the Remote Settings page, you can turn the inverter on or off. Follow these steps in order:

- Open Basic Setup:** Click on the **Basic Setup** section header to expand it.
- Get Data:** Then click the **Get Data** button to retrieve the latest settings from the inverter.
- Select Power On/Off:** Locate the **Power on/off** option. Select On to turn the inverter on, or Off to turn it off.
- Set:** Finally, click the **Set** button to save the changes to your inverter. A confirmation message will appear to confirm the setting has been applied.



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 Notes

Inverter Must Be Online: This feature can only be used when your inverter is online and connected to the internet. If your inverter is showing as offline, you will not be able to turn it on or off remotely.

System Shutdown: Turning off the inverter will stop all energy production and storage. Your home will be powered by the grid if it is available.

3.1 Troubleshooting

Inverter Appears Offline: If your inverter is showing as offline, check your internet connection and ensure the inverter's communication module is functioning correctly.

Setting Not Applied: If the inverter does not turn on or off after clicking 'Set', refresh the page and try again. If the issue persists, contact your installer.

4. Need Help?

If you encounter any issues, please contact your installation company for technical support.