



Community-powered Virtual Power Plant

equiwatt Integration Guide – AlphaESS Home Battery



Equiwatt Integration Guide

Introduction

Welcome to the equiwatt Integration guide. In partnership with AlphaESS, equiwatt is designed to enhance the performance of battery energy storage systems and turn them into money-making assets for their customers that reduce the ROI and enable them to actively participate in energy markets without the need to change energy suppliers or energy tariffs.

This guide explains how to quickly and easily integrate equiwatt into AlphaESS battery installations, unlocking new revenue streams and delivering added value to your customers.

Prerequisites

- All AlphaESS system models are supported: Smile G3, Smile 5, Smile B3, Smile B3 Plus, Smile T10-HV, Smile S6.
- Ensure that the AlphaESS system is fully commissioned.
- Make sure that the customer has a compatible smart meter that is sending half-hourly readings installed at their property.
- Confirm that you have the necessary battery details (Serial Number and battery check code).

PLEASE NOTE: The customer will need an export MPAN to export energy back to the grid during events.

Step-by-Step Integration Process

Step 1: Preparation

Confirm that the AlphaESS system is installed and operating correctly and meets the required standards, and that all necessary details (serial number and check code) are available.

Step 2: App Setup

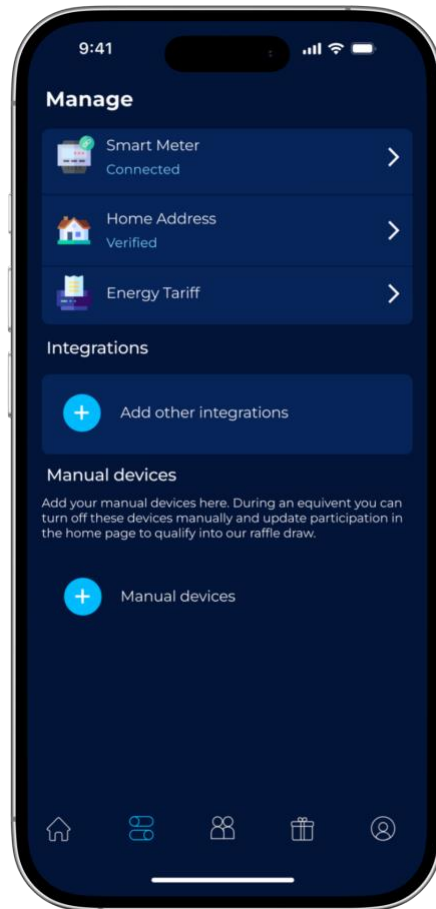
- Download and install the equiwatt app if not already installed.
- Open the equiwatt app.
- Follow the onscreen instructions to create and set up an equiwatt account.
- Connect a working smart meter to the equiwatt app.
- Full instructions on how to connect a smart meter to the equiwatt app can be found here: <https://www.equiwatt.com/help/how-do-i-connect-my-smart-meter-to-the-equiwatt-app>

PLEASE NOTE: The customer will need access to their email address, a smart meter and either access to their In-Home Display, documentation that shows their home address or a payment card registered to the address where the smart meter is located to set up their account.

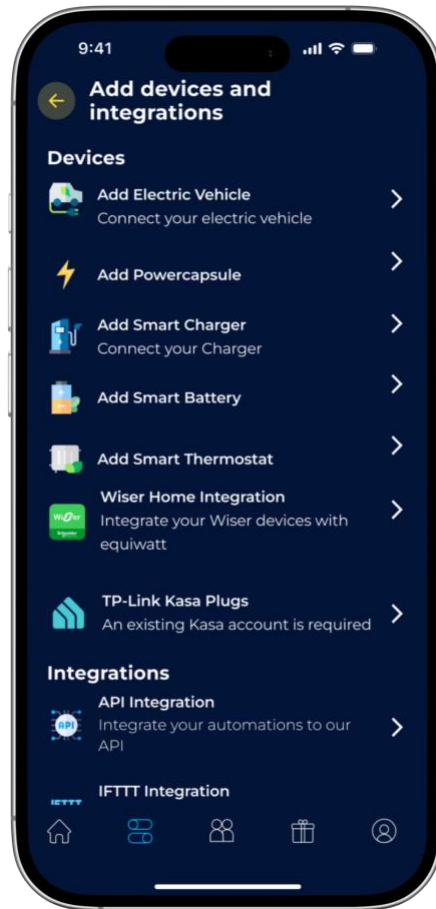
More information can be found here: <https://www.equiwatt.com/help/what-do-i-need-to-link-my-smart-meter-to-equiwatt>

Step 3: Connecting the System

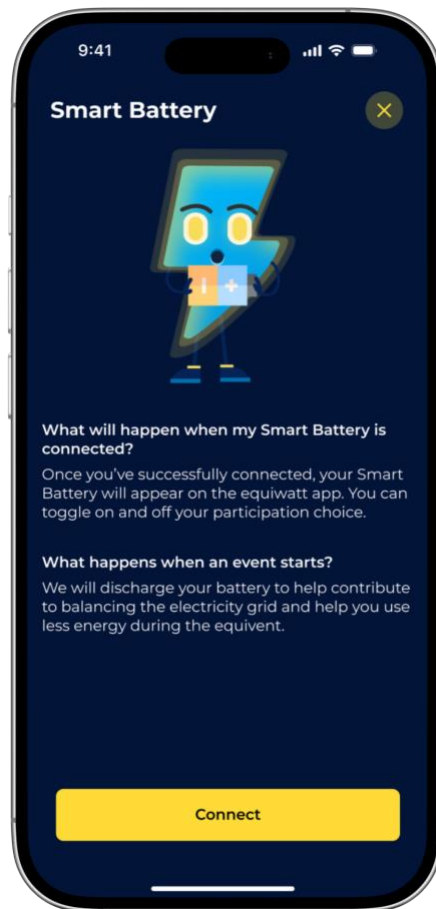
- Open the equiwatt app.



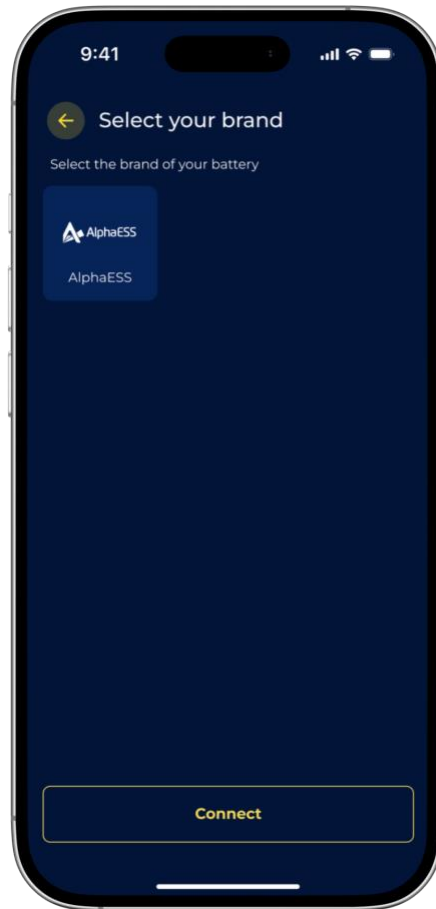
- Open the 'Manage' tab (Toggle icon) of the equiwatt app.



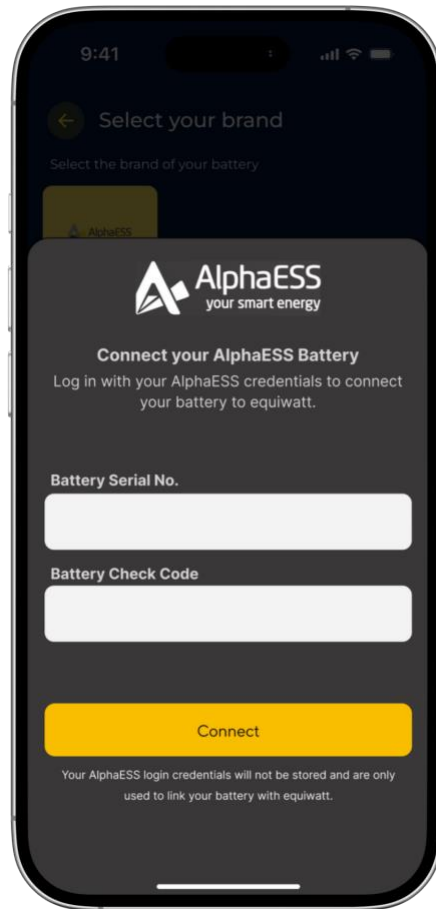
- Select 'Add other integrations' and press 'Add Smart Battery'.



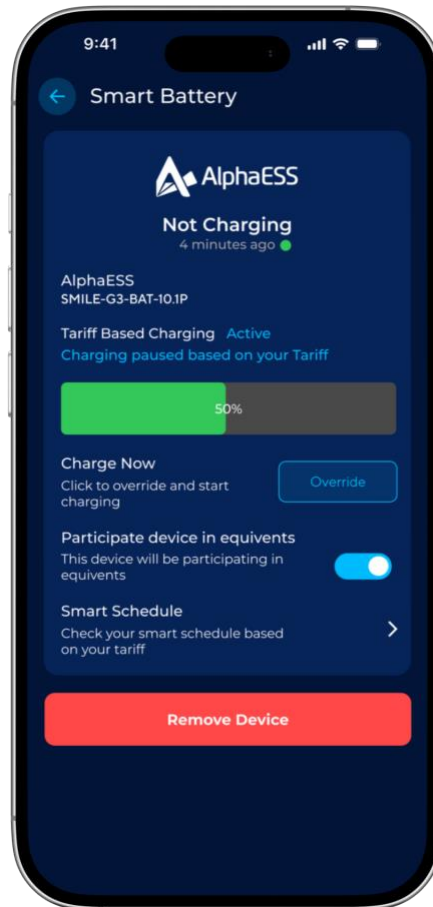
- Press 'Connect'.



- Select 'AlphaESS' from the list and press 'Connect'.



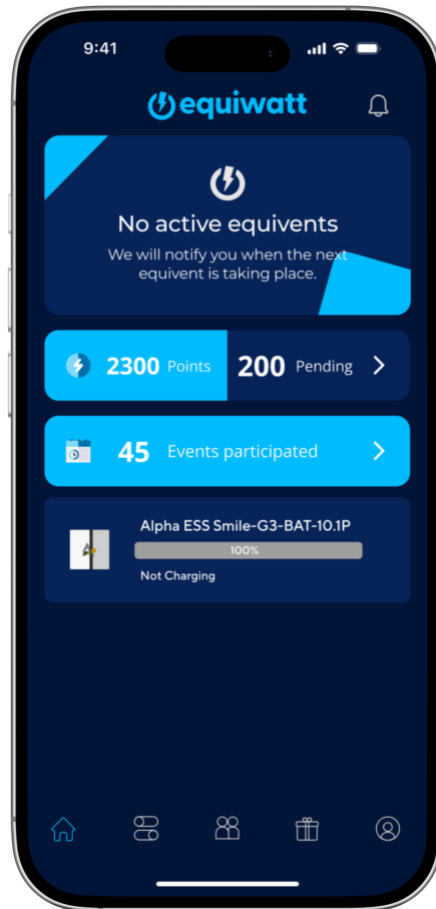
- Enter the Inverter Serial Number and Battery Check Code when prompted.



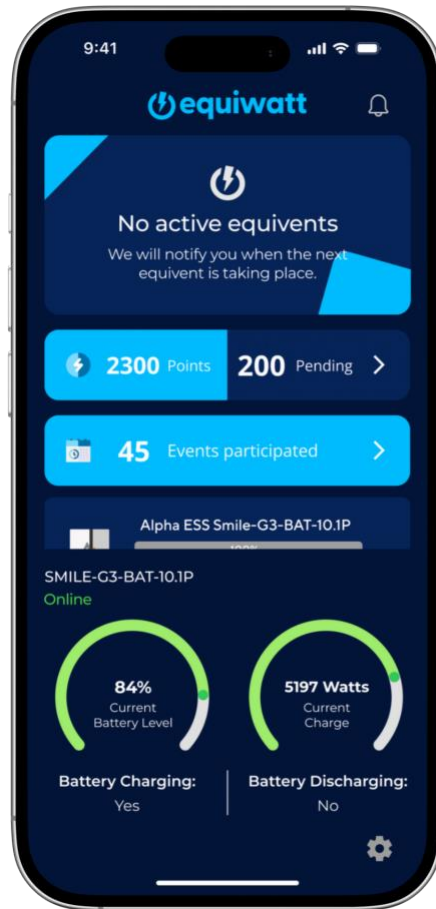
- The app should now display the 'Participation Controls' screen, indicating the setup has been completed successfully.

PLEASE NOTE: If you have any issues getting your system connected. Please send us an email at hello@equiwatt.com, and we will assist you.

Step 4: Verification and Testing



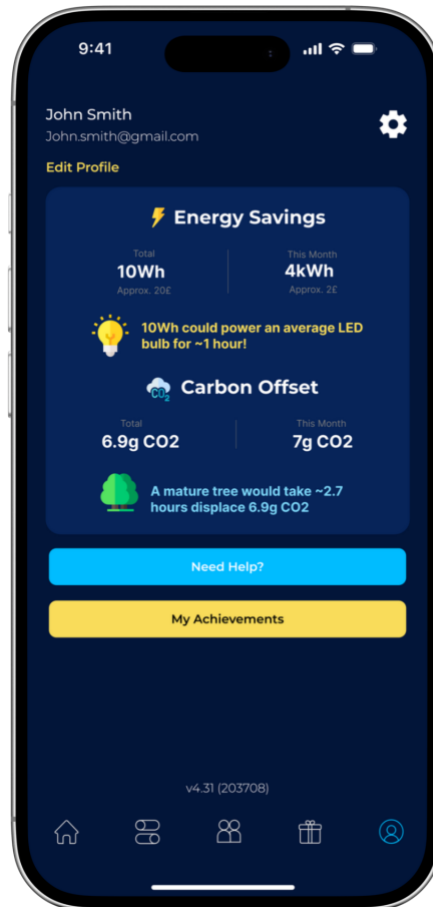
- Verify the connection by confirming that the system widget appears on the home screen of the app.



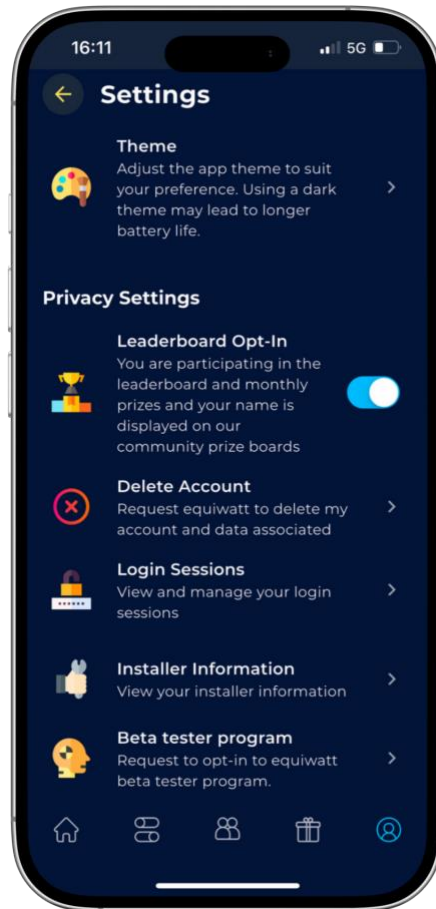
- Once selected, the screen pop-up should display the real-time system data (charge/discharge rates).

Step 6: Adding Installer Code

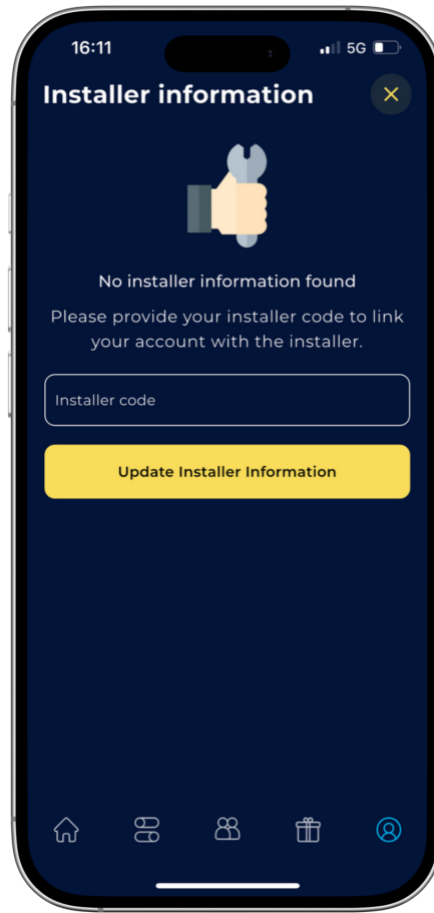
- After adding the customer's AlphaESS to the equiwatt app, open the settings tab and select the cog icon in the top right corner of the screen.



- Scroll down and select 'Installer Information'.



- Enter your unique Installer code to link your customer's account so that you can receive 5% of any rewards they receive from taking part in events with their AlphaESS battery system.



PLEASE NOTE: If you have any questions about the Installer Reward Program then please email us at hello@equiwatt.com.

Step 5: Troubleshooting

- If the integration fails, recheck that the serial number and inverter check code are correct.
- Ensure the device running the app has a stable internet connection.
- Contact equiwatt for further assistance after attempting the above first.

Overview of Key Benefits

For Customers:

- Faster ROI on their battery
- Reduced payback period enabled through earnings paid out for participation in grid flexibility events.
- Lower energy costs
- Reduced carbon footprint.
- Chance to earn rewards through grid flexibility events.

For Installers:

- New source of revenue by earning 5% of customer rewards for taking part in flexibility events with their AlphaESS system
- A strong value proposition
- Increased customer satisfaction
- Opportunity to earn additional commission for every successful integration, as equiwatt is compatible with other devices, including EV chargers and heat pumps.

Customer Communication Tips

- Explain the simplicity of the integration process thanks to the FREE equiwatt app and emphasise that no extra hardware is required.
- Highlight the benefits of improved energy management and financial incentives for participation in grid services.
- Provide a brief demonstration using the equiwatt app if possible.

Support and Troubleshooting

Support Contact:

equiwatt can be contacted directly:

- Via email at hello@equiwatt.com
- Via phone at 07727 654 502.

Online Resources:

- Installer FAQs can be found here - <https://www.alpha-ess.co.uk/login>
- Customer FAQs can be found here - <https://www.equiwatt.com/help>

Additional Resources

- Further information about equiwatt can be found online at www.equiwatt.com