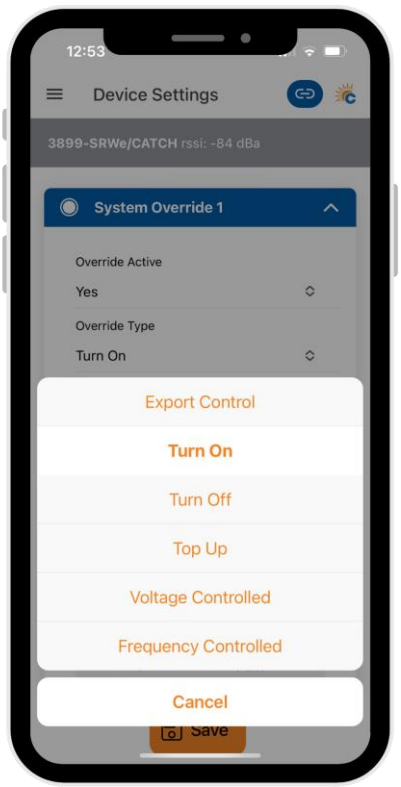
CATCH Control

Homeowners guide to the Configurator App



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CATCH Power

Congratulations on the installation of your CATCH Control!

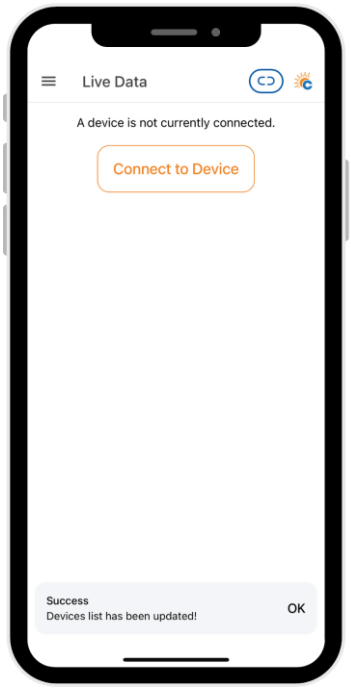
CATCH Control offers two apps designed to make managing your energy system simple and effective.

The Monocle our Monitoring App
This app is all about giving you insights into your energy system. You can monitor your system's performance in real-time and have live control over your energy usage.

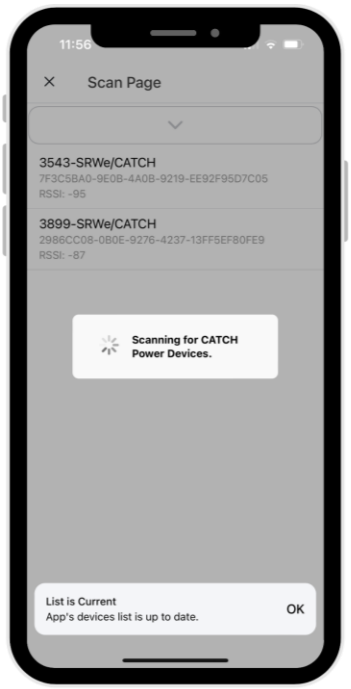
CATCH Power Configurator App our Commissioning App
While this app is primarily for installers during the setup of your device, it also has some features that are handy for homeowners. For instance, if you ever change your home Wi-Fi, you can easily update your CATCH Control settings here.

Staying Connected:
We understand that Wi-Fi can sometimes be unreliable. That's why it's essential to know how to connect to your device using Bluetooth, especially if your Wi-Fi is down.
This guide will walk you through the steps to access your controls via Bluetooth, ensuring you're always connected to your system.

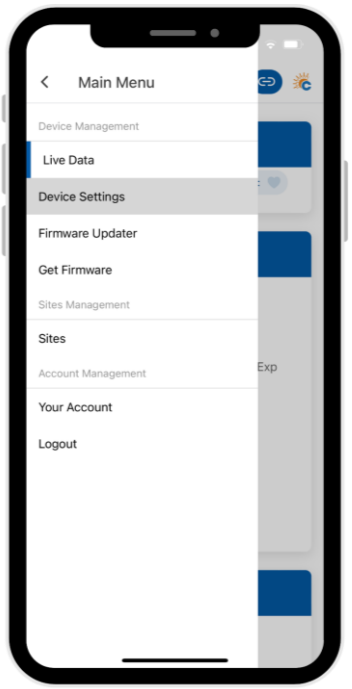
Connecting to a Device



Enable Bluetooth:
Before you begin, make sure Bluetooth is turned on in your phone's settings.



Scan for Devices:
On the scan page, you'll see a list of available devices. Be sure to select the correct device associated with your property.



Access the Menu:
Tap the three lines (menu icon) in the top left corner of the screen. From the menu, select **Device Settings**. This is where you can manage your default control settings.

Device Settings

System Overrides
Each device can have up to four system overrides, but most homeowners will typically use just two. It's crucial to ensure that these settings don't overlap, as this could cause issues with determining which setting should take priority.

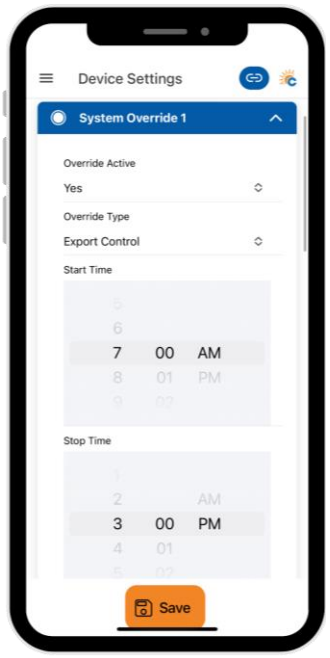
Export Control
This setting manages loads based on surplus solar energy. When your system is exporting enough solar power, it will trigger a load (like a hot water heater) to turn on. If the solar export drops below the required level, the load will automatically turn off.

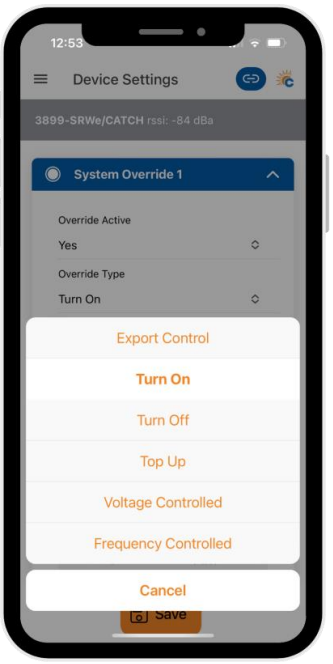
Top Up Mode
This setting ensures that your load runs for a minimum amount of time each day. For example, if you set the Top Up Mode to run between midnight and 3:00 AM, this guarantees a minimum runtime of 3 hours. If your load has already run for 2 hours using Export Control, it will run for an additional hour during the Top Up period to meet the 3-hour requirement.

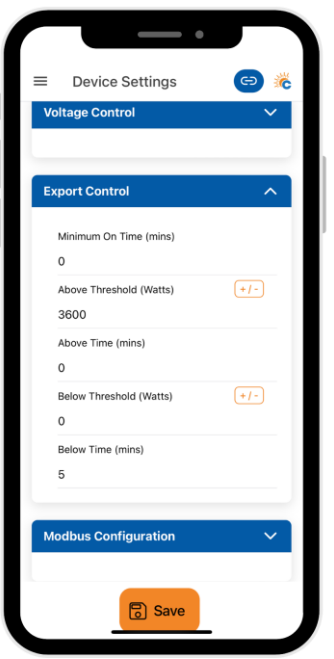
On/Off Control
This allows you to manually turn the device on or off during a specified period.

Frequency Control
Primarily designed for off-grid systems, this setting allows you to turn loads on or off based on frequency levels, such as the frequency your batteries register when they reach a certain state of charge.

Voltage Control
This setting manages loads based on grid voltage. For instance, you can turn off loads when the grid voltage is too low to help protect service fuses and ensure continuous operation.







System Overrides
Once you have determined the desired operations for your system overrides, it's important to scroll down to the relevant field and set the levels at which you would like the device to operate.

Example One
If you've set the system override to Export Control, you'll need to scroll down to the menu option that says 'Export Control.' Here, you can set the parameters for how you want the load to run.

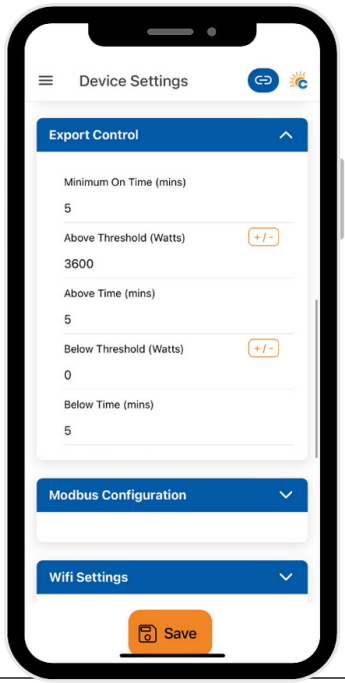
Minimum On Time
We recommend a minimum of 5 minutes. This prevents the contactor from constantly turning on and off if the solar output is insufficient, allowing the system to 'ride out' minor fluctuations in export. For example, if you turn on a microwave for a short period, this setting prevents it from affecting the overall operation.

Above Threshold
This is the export level you're aiming for, tailored to the load you want to control. For example, if you have a 3.6 kW element, you'll want to set this to 3,600 watts of excess before the load is activated.

Above Time
This setting determines how long the system needs to see this level of export before turning the load on, ensuring there's enough excess energy to run the load.

Below Threshold
This is the export level that triggers the load to turn off. Setting this to zero ensures the load switches off before it starts drawing energy from the grid.

Below Time
This is the duration for which the system needs to see this amount of export before turning the load off.



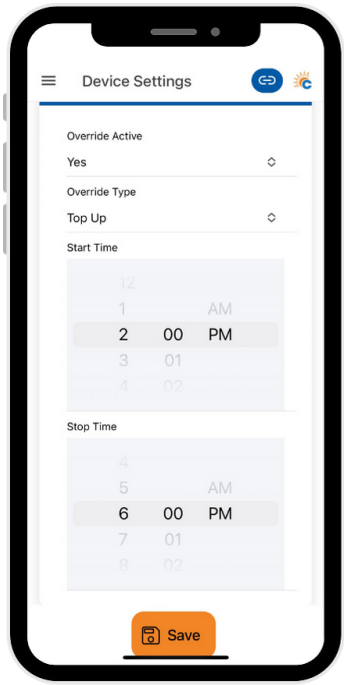
Always remember to hit 'Save' to commit these settings.

Example Two

Override Active Two
To ensure your device operates for a minimum amount of time each day, we recommend setting a Top-up mode in System Override Two.

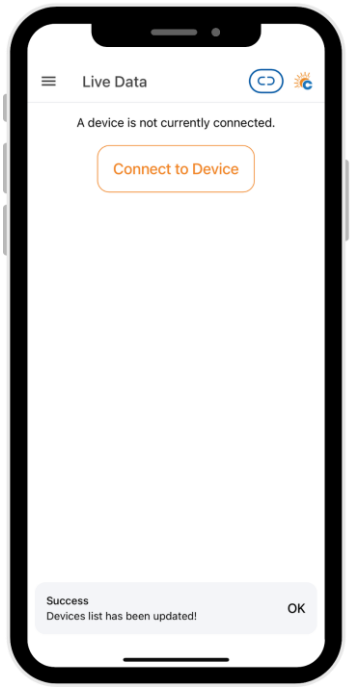
This setting specifies the minimum runtime the load needs each day. If the load does not achieve this runtime in export mode, it will automatically run for the remaining time during this designated slot.

For Example
If you set the Top-up mode for four hours and the load runs for 3.5 hours in export mode, the system will run the load for the remaining half hour during the specified Top-up time.



Connecting to Wi-Fi

Just like your Netflix account if you change your Wi-Fi settings, you will need to reconnect your CATCH Control device.



Enable Bluetooth:
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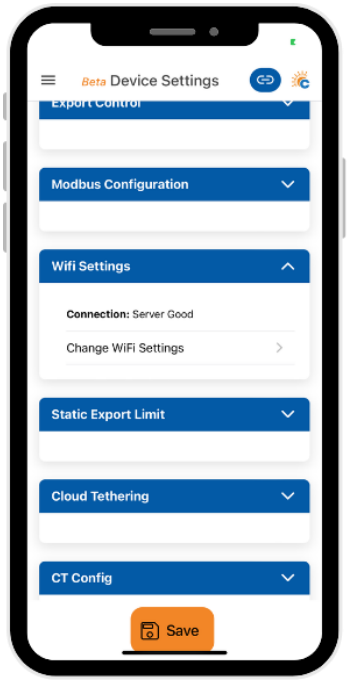
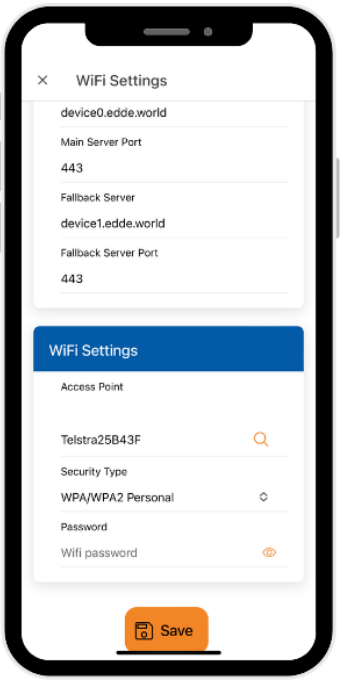


Wi-Fi Settings:
Scroll down to Wi-Fi settings and select Change Wi-Fi.



Wi-Fi Settings:
Scroll to Wi-Fi Settings and search the Access Point for your Wi-Fi.

Enter the password and hit SAVE

More helpful videos can be found on our website

www.catchpower.com.au

or YouTube

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