VirCru
Battery Sensor

1. VirCru Battery Sensor Summary

If you're anything like us you will have lost count of the times you have left your boat, got in the car and can't remember if the battery isolator is switched on or off. Connect the VirCru Battery Sensor to make those last-minute U-turns a thing of the past.

The VirCru Battery Sensor connects wirelessly to your VirCru Hub and enables the monitoring of the following, depending on configuration:

- Battery Voltage (Engine, House etc.)

- Isolator switch setting (On/Off)

- Temperature

If your battery voltage rises above or falls below a stipulated setting, the VirCru Smart Boat App will notify your mobile device.

Please note, connecting to the isolator can be difficult if you are not technically minded. If in doubt, seek help from a marine electrician. However, you can just connect the Battery Positive and Negative cords and leave the isolator disconnected, if you prefer.

Included in your VirCru Battery Sensor Pack:

- VirCru Battery Sensor Tag and Cable

- Dual-Lock Adhesive Pads (one adhered to the back of the Sensor and the other supplied 'locked' to its mating half)

- Alcohol Wipes

- This guide.

Before installing, we recommend registering the Sensor on the VirCru App by scanning the QR code. This functionality can be found in the "Settings" tab.

If any of these items are missing from your box, please contact VirCru customer service at:

01386 800 360 or

customer.services@vircru.com

2. Installation Guide

Safety Precautions

Please ensure to:

- Follow all installation instructions

- Only carry out tasks in which you are competent

- Make full consideration of the environmental conditions and hazards during installation

- Avoid drilling into any Hub or Tag enclosures, due to the risk of piercing/exploding batteries

- Take care to ensure correct polarity on all wired connections.

VirCru Tags are mounted using Dual-Lock self-adhesive pads. One half is supplied adhered to the Tag back with the other half 'locked' to its mating half. To mount the Tag:

- Using one of the alcohol wipes, clean the position the Tag is going to be mounted in (select a suitable area with firm substrate)

- Ensure that the two halves of the Dual Lock are aligned, remove the adhesive protective cover, and press the Tag into position

- The Tag can be removed by gently pulling the Dual Lock pads apart (one half remains on the Tag, the other on the mounting surface).
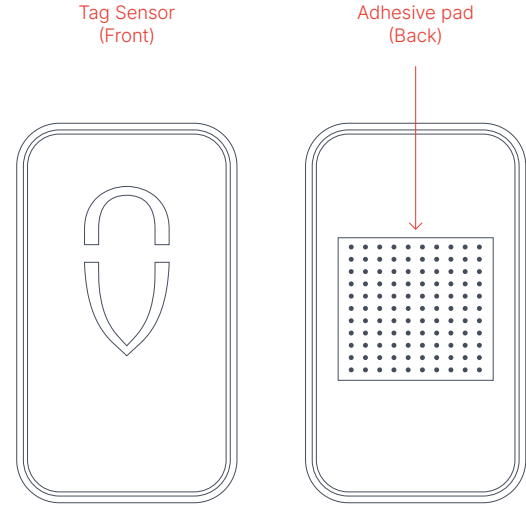
There are three connections on your VirCru Battery Sensor, marked 'Battery Positive', 'Battery Negative' and 'Isolator'. They are designed to connect to typical batteries and isolators.
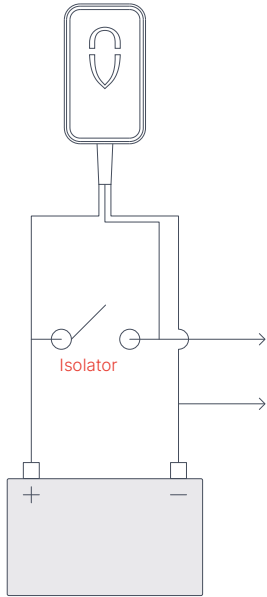
Connect the positive and negative leads of the Sensor to the positive and negative posts on your battery, or to the positive input of your isolator switch and a suitable ground.

If you want to monitor the state of your isolator switch, connect the isolator lead of the Sensor to the output terminal of your isolator switch.
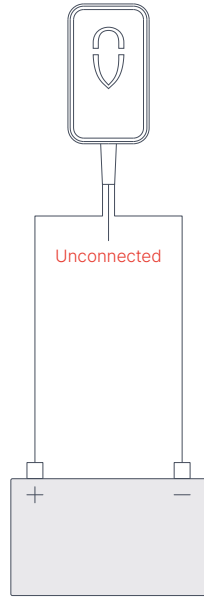
By default, the Sensor will alert you if your battery voltage goes above 15V or below 11.5V. If not completed prior to installation, register the Sensor on the VirCru App by scanning the QR code in the "Settings" Tab. Your voltage alert thresholds can be edited in the VirCru App.

It will also allow you to see the temperature where the Sensor is mounted, sending alerts to your mobile device if the temperature exceeds or falls below your stipulated levels.
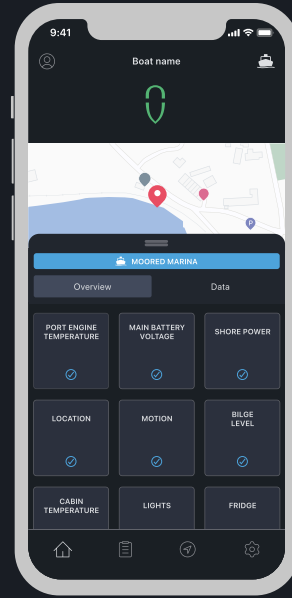
Tag Sensor
(Front)

Adhesive pad
(Back)

With isolator monitoring

Without isolator monitoring

Isolator

Unconnected

3. The VirCru App

3. How to Install your VirCru App

The VirCru App is supported by software versions iOS 13 and above on iPhone, and versions 5.0 (Lollipop) and above on Android. Ensure your mobile has these software versions installed before downloading the VirCru App.

To download the VirCru App (iPhone):

- Unlock your phone and navigate to the 'App Store'

- Type "VirCru" in the search bar

- Click "Get" by the VirCru logo icon

- Once authorised, the VirCru App will Appear on your iPhone's home page.

To download the VirCru App (Android):

- Unlock your phone and navigate to the 'Google Play Store'

- Type "VirCru" in the search bar

- Click "Install" by the VirCru logo icon

- Once authorised, the VirCru App will Appear on your Android device's home page.

The VirCru App features a simple and intuitive interface to display and personally configure the data provided by the VirCru Hub, Sensors and Products installed on your boat.

The VirCru App main dashboard gives you an overview of all data, which can be explored in more detail if required. It also includes an inventory system for all the other products and services related to your boat, from insurance details, documents and renewal dates through to life jacket servicing.

For more information on configuring and using the VirCru App, please refer to our comprehensive App User Guide available at www.vircru.com. This document provides detailed analysis of the setup, features and functionality of our App in one place, and is constantly evolving as we add new features and technology to our interface.

4. Don't Forget

- Check your Hub and Sensors every few months to ensure they are working properly

- It is always best to mount your equipment on flat and smooth surfaces. Before fixing adhesive pads, ensure you clean your surfaces using the alcohol wipes provided

- If you require any assistance with installation, contact a professional marine electrician or a member of the VirCru team.

VirCru is your virtual crew – always onboard and always connected to you.

5. We're Here to Help

Phone or email our UK-based team for any technical support, product information or sales advice you need using the contact details below:

customer.services@vircru.com

We aim to respond to all email enquiries within 1-2 working days.

01386 800 360

Our phone lines are open 24/7 for enquiries, and we will aim to respond to your query (via your preferred choice of phone or email) within 1-2 working days.

Other VirCru Products

VirCru offers a comprehensive range of products to ensure you can be in touch with your boat from wherever you are. To view our full range of Hubs, Tags, Sensors, Alarms and more, visit **https://www.vircru.com/.**

VirCru®

If you need any help with your VirCru installation or
App set-up please email: **customer.services@vircru.com**