

1. Install the batteries



1. Remove the green bottom lid of the clamp sensor.



2. Place the battery with the - pole down



3. Replace the green bottom lid

2. Install in the machine

This sensor is for **direct current (DC)** measurements only !!

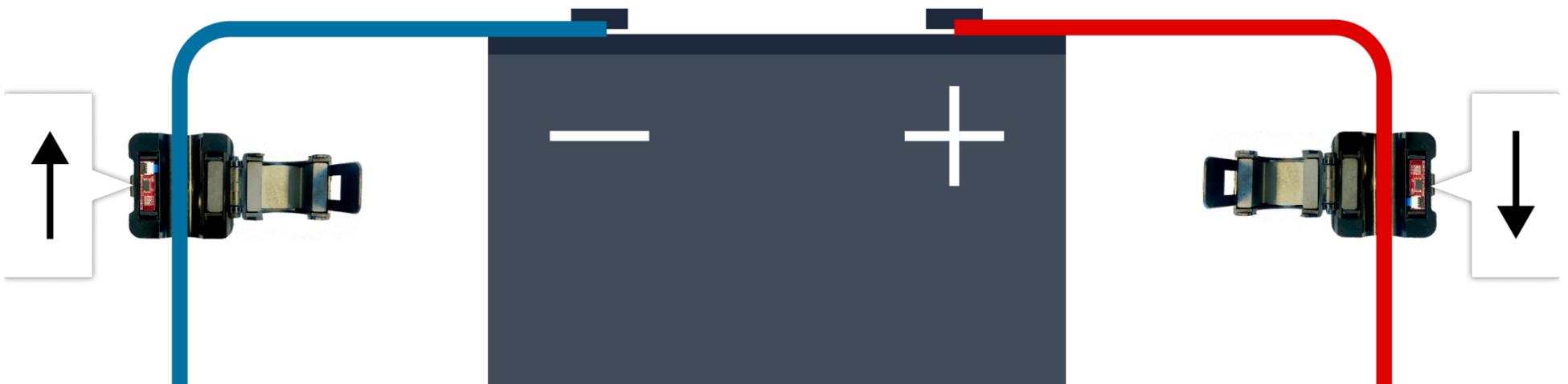
Open the machine, locate the battery and look for plus and min poles.

Attach the sensor to one of the cables attached **to the plus or the minus pole** of the battery.

Only one sensor is needed. It does not matter which cable you choose.

Make sure you install the sensor correctly:

- Either on the minus pole wire: arrow on the sensor points towards the battery.
- Or on the plus pole wire: arrow on the sensor points away from the battery.

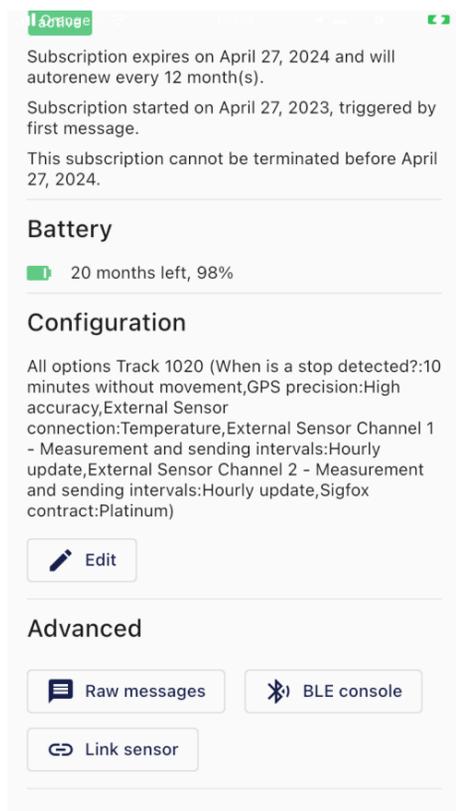


When installing on the negative pole wire, the arrow on the outside of the sensor is pointing towards the battery.

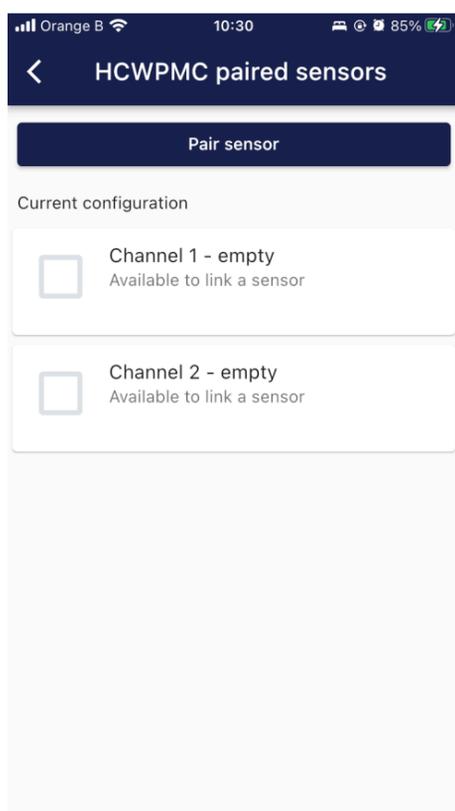
When installing on the positive pole wire, the arrow on the outside of the sensor is pointing away from the battery.

3. Link the sensor to the tracker with the mobile app

Make sure you are working with the latest version of the app installed on your phone.



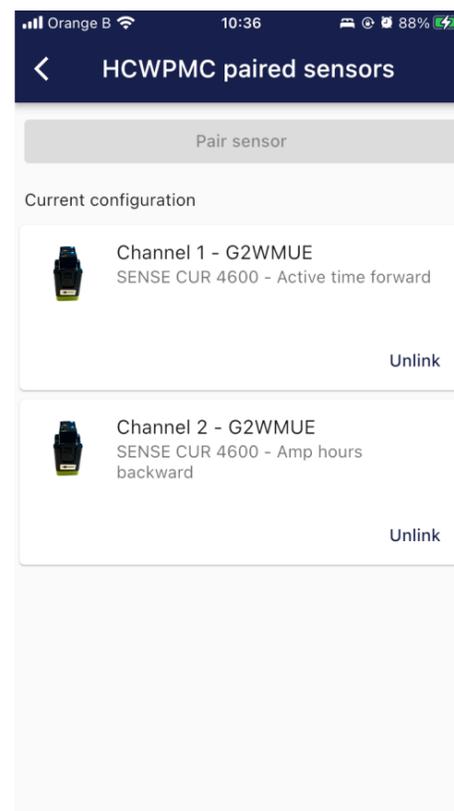
Open the sensolus smartphone app. Select the tracker from the asset list. Click "link sensor" at the bottom of the page in the advanced section.



Click the pair sensor button



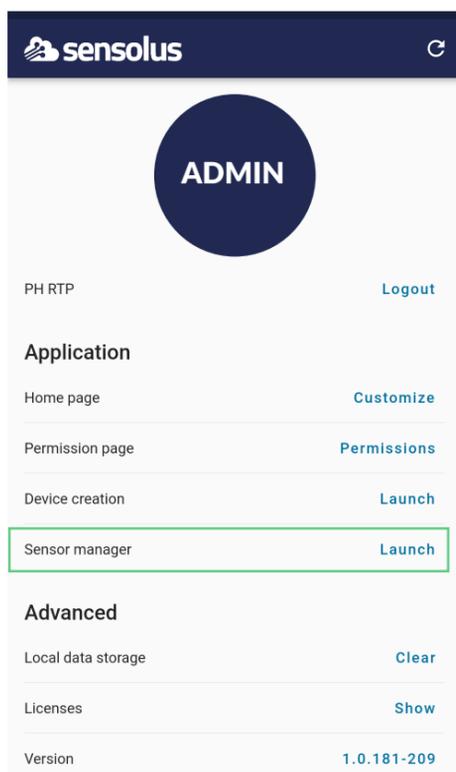
Scan the the QR code of the the sensor, the sensors slots will be automatically assigned



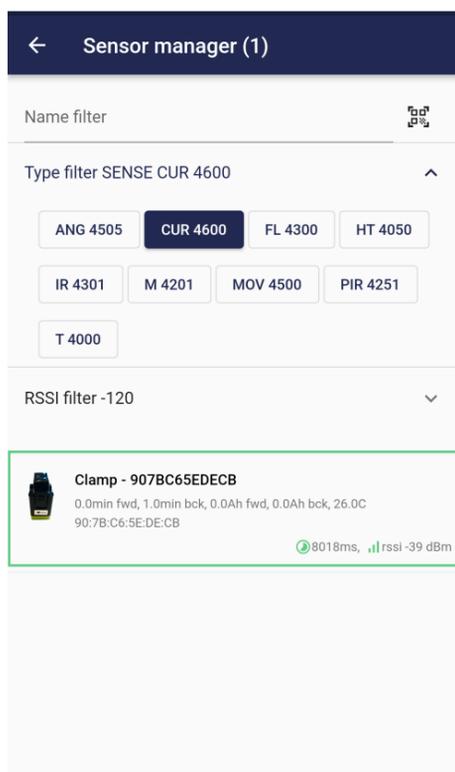
You will see that the sensor is linked. Both charging and uncharging slots are filled.

4. Adjust the threshold values for testing purposes

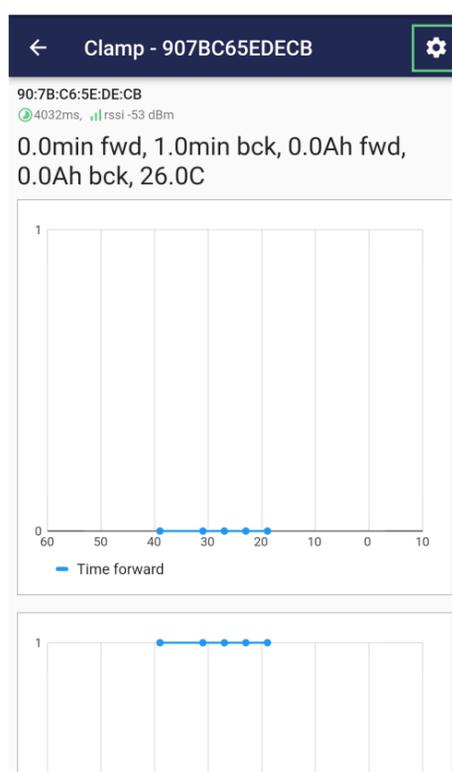
Make sure you are working with the latest version of the app installed on your phone.



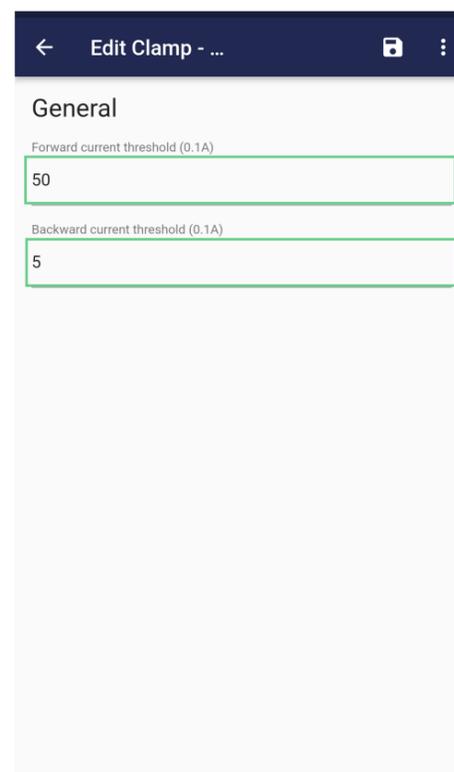
Open the sensor manager in the sensolus application.



Select the sensor you want to adjust the threshold values for.



Click the settings wheel



Enter the forward and backward current threshold. Click on the save icon to store the settings.

To know how to define the thresholds, consult the Sensolus documentation centre.

Keep in mind.

- Do not expect to count the time of short current flows since the measurement interval is 30 seconds, and the time reporting resolution is in minutes.
- Do not expect to see live current measurement (or any current measurement) in the platform.
- Do not expect to see current vs time in a graph in the platform.
- The sensor does not measure voltages or usage of AC generators.
- The sensor cannot measure any alternating current (AC).
- The sensor cannot be used outdoors since the sensor is not IP rated.
- Do not drop the sensor (these clamps are made with fragile ferrite cores inside and will not survive a drop).
- Do not hit the sensor, these clamps are not IK rated.
- When you put the + and the - wire into the clamp at the same time, as the positive and negative magnetic fields (induced by the current flow) will cancel each other out., resulting in always measuring nothing!