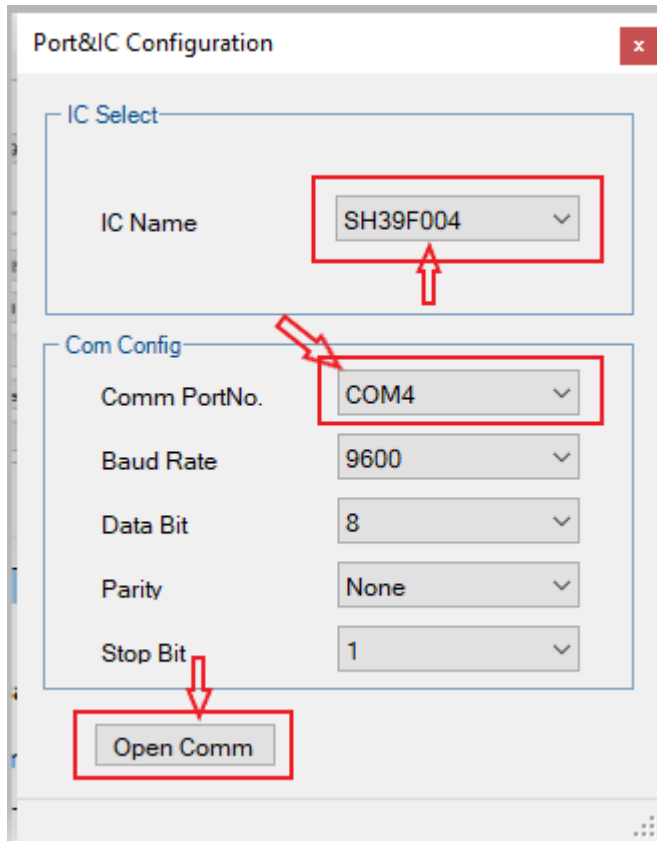# SH39F003 & SH39F004 Easy Software Upgrade Tutorial

Step 1 Configure the serial port

Select either SH39F003 or SH39F004 for the IC model depending on the chip model your BMS use.
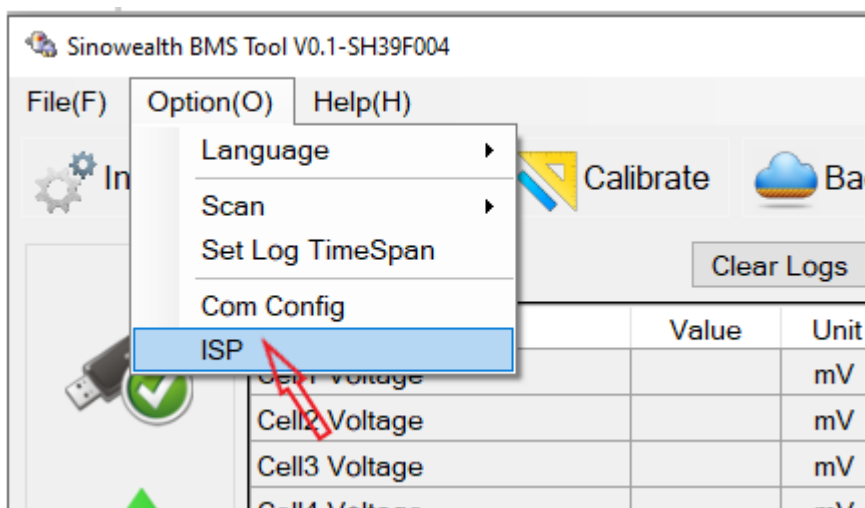Select the COM port to which the Smart BMS is connected.
Use the default values 9600, 8, N, 1 and establish the port connection.

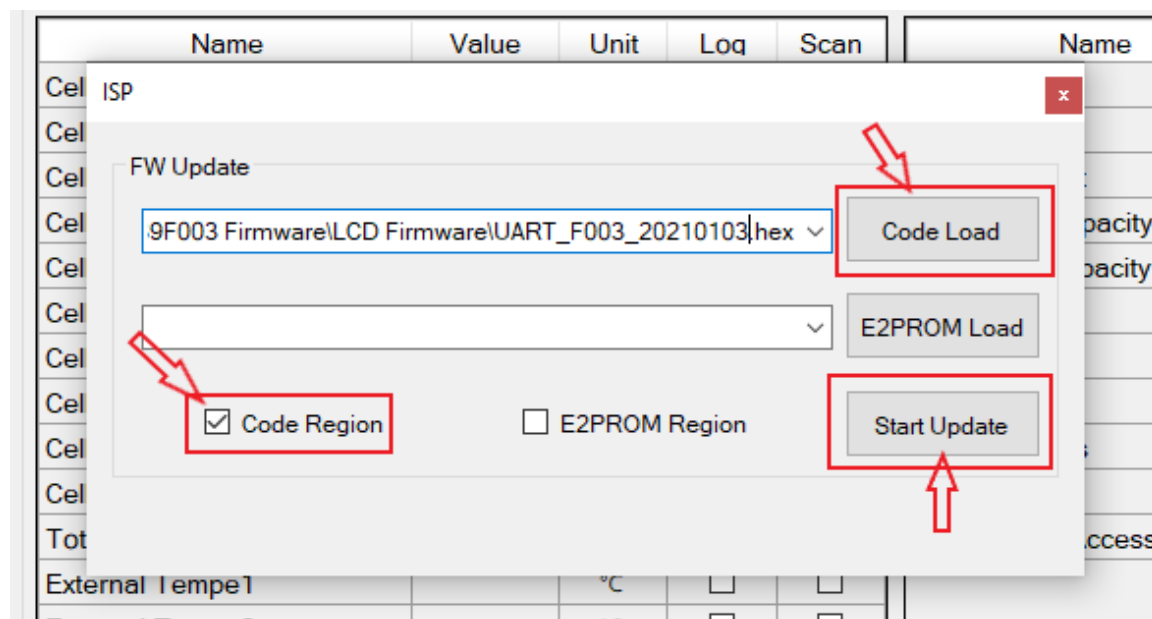**Step 2 open the software upgrade option in the menu**

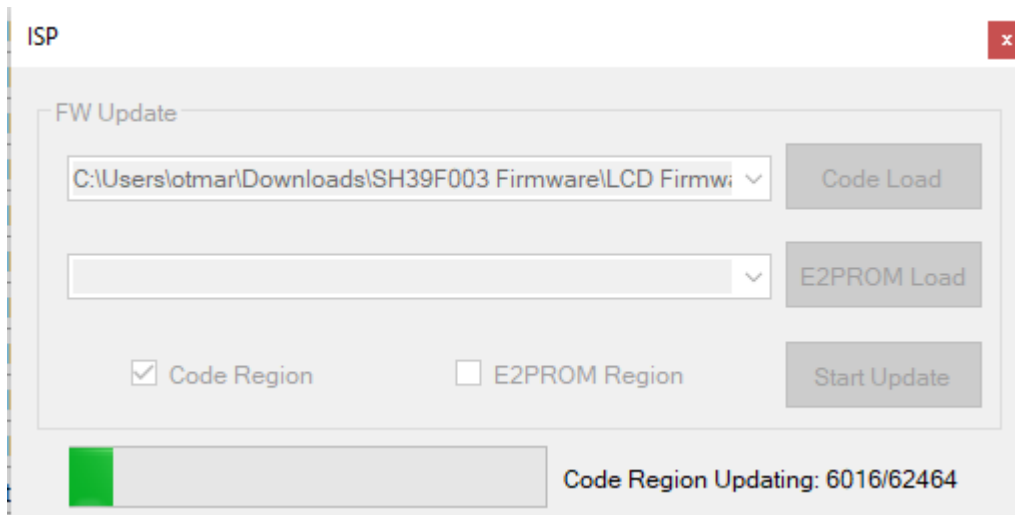Open in menu bar 'Option' and click on 'ISP'

Step 3 select the desired firmare

Press 'Code Load' and select the desired firmware file for LCD support or Bluetooth support.
You can recognize the firmware by the folder name in the ZIP file.

Enable the 'Code Region' option, , do not check the E2PROM and then press 'Start update'.
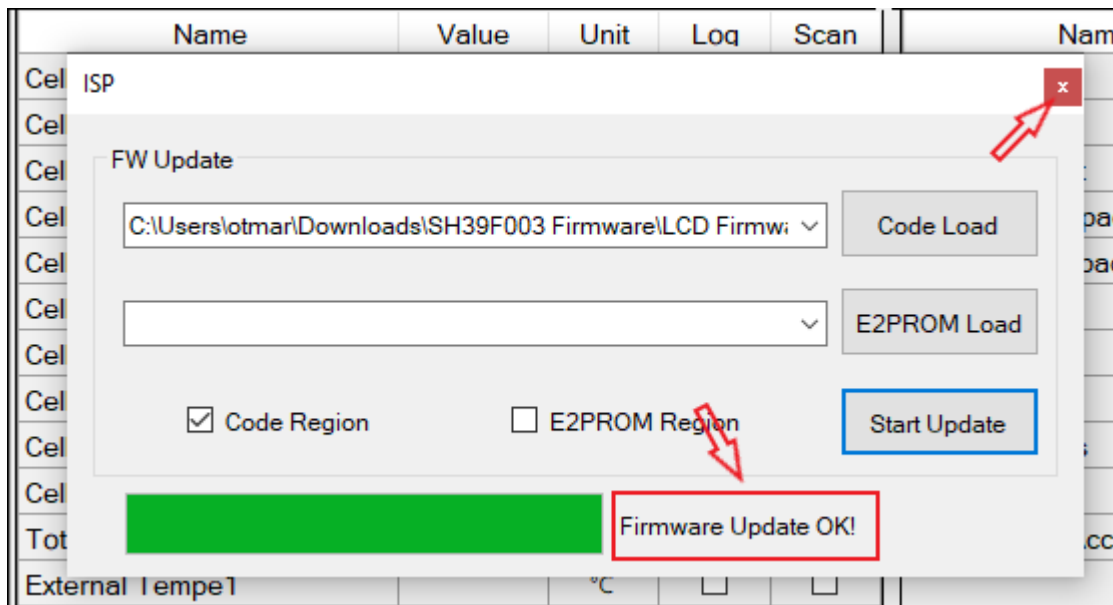

The upgrade process starts and after a few seconds a green progress bar is displayed. The process takes about
1-2 minutes.

Step 4 finish the upgrade process

After finishing the upgrade, the message 'Firmware Update OK!' is displayed. Close the window with a click on the X in the upper right corner.

Congratulations, you have changed the BMS from either LCD Support to Bluetooth Support or the other way around.

You can switch between LCD or Bluetooth support at any time with this procedure. However, with the SMART BMS 4S it is not possible to use BT and LCD support at the same time.