



victron energy
B L U E P O W E R



Updating the VE.Direct Bluetooth Smart
dongle, on an Android phone or tablet, with
VictronConnect v1.1.5

Introduction

The new version of VictronConnect will update the firmware in the dongle. This powerpoint explains the procedure for Android devices. The

Make sure to always install the latest version of VictronConnect first!

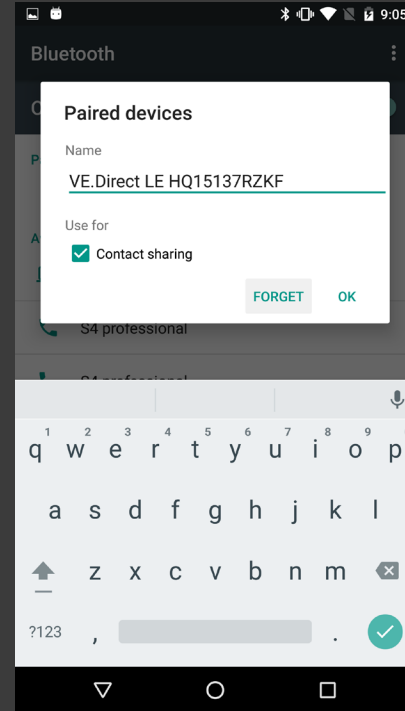
Download page: <https://www.victronenergy.com/support-and-downloads/software>

Manual: https://www.victronenergy.com/live/ve.direct:ve.direct_to_bluetooth_smart_dongle

Step 1 – Unpair the dongle

Check your phone/tablet bluetooth settings and remove it from the paired devices list if it is on it.

Note: do not pair the dongle during the update process even if you're asked for the PIN code. Just close the dialog by pressing Cancel.



Step 2 – Start the dongle in boot mode

Disconnect the dongle, and connect it again while pressing the “Clear PIN” button.

The red Error LED will be lit, and the other LED is off.

Name shown in App:
VE.Direct BLE dongle (legacy)

Name shown in Android Bluetooth page:
VE.BL



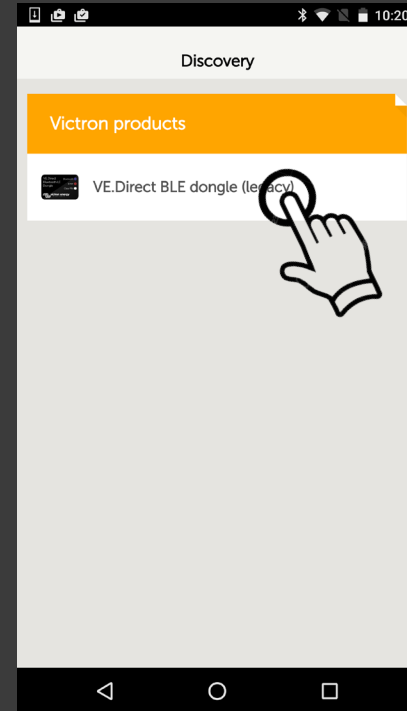
Step 3 – Open App and search for dongle

The dongle will be listed as shown on the right.

Press the line with the dongle.

In case the dongle is not listed, go back to step 2.

Make sure not to wait too long after powering the dongle in boot-mode: it will automatically leave boot-mode after 2 minutes of inactivity.

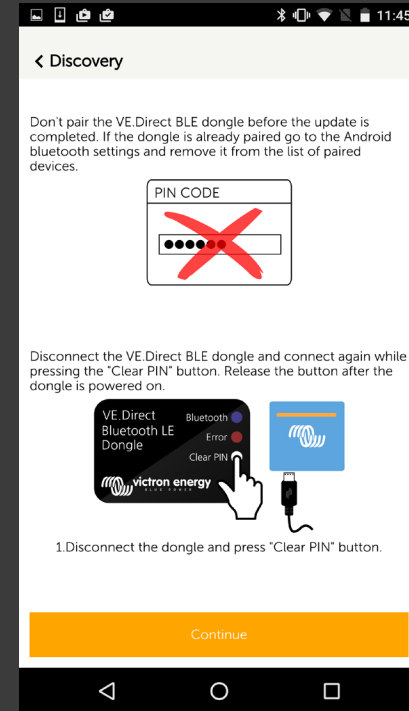


Step 4 – Open the dongle page

This page will show ->

Press Continue, at the bottom

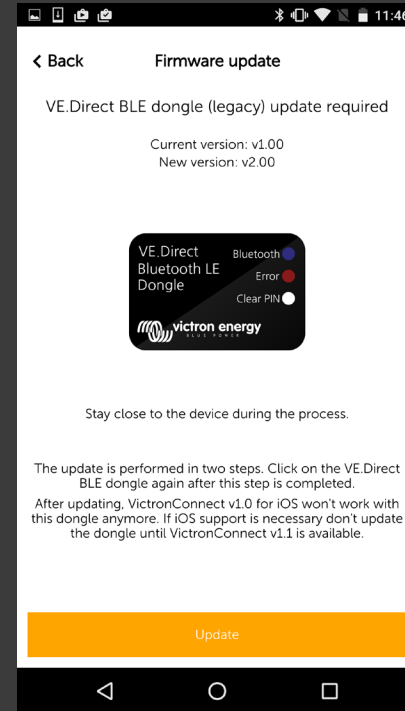
Do not follow the instructions
'Disconnect the VE.Direct BLE
dongle... '!



Step 5 – Start 1st update

This page will show ->

Press Update, at the bottom



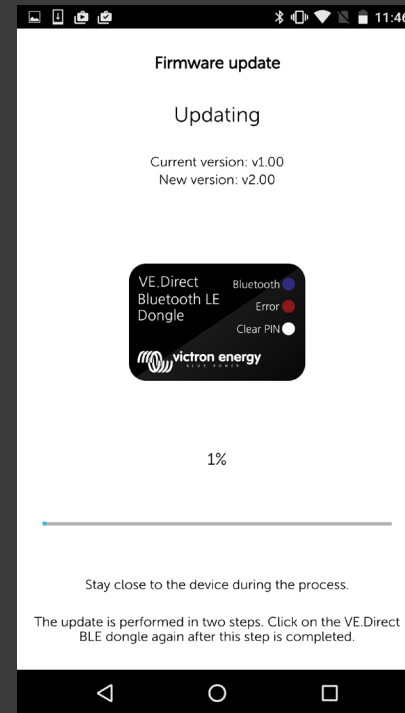
Step 6 – Wait for update to finish

The update will start, wait for it to complete.

Once finished, the LEDs on the dongle will blink alternately: red, blue, red, blue, very fast.

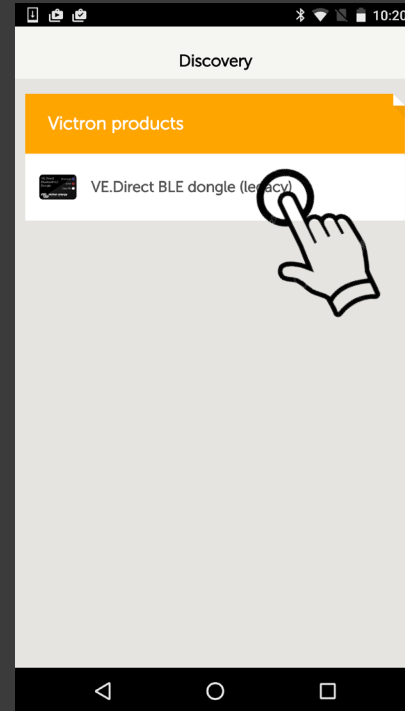
Remember: when asked to pair, press cancel.

When finished the app will automatically go back to the device list.



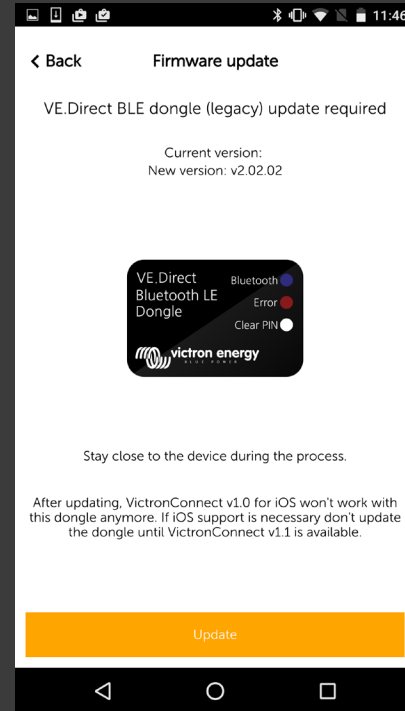
Step 7 - Start 2nd round of updating

Start the 2nd round of updating by pressing the line.



Step 8 – Start 2nd update

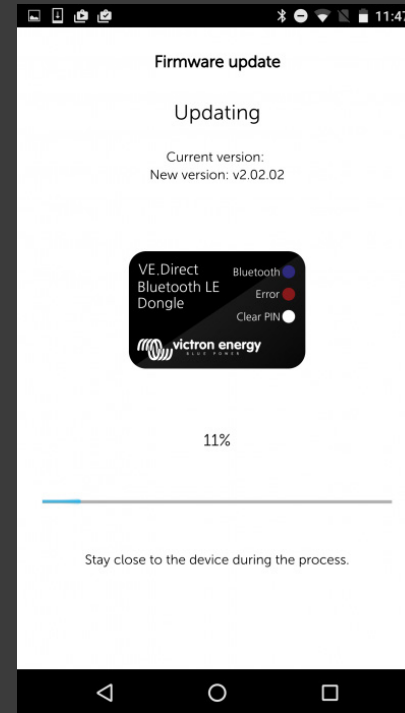
Press Update, at the bottom



Step 9 – Wait for the 2nd update to finish

The 2nd update will start, wait for it to complete.

Remember: when asked to pair, press cancel.

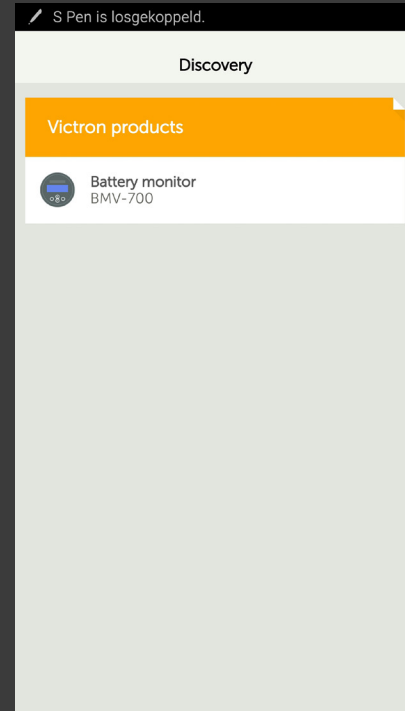


Step 10 - finished

After the update is complete, the device list will be shown again, showing the name of the connect product ->

In the Android Bluetooth page, the name of the dongle has now changed to:

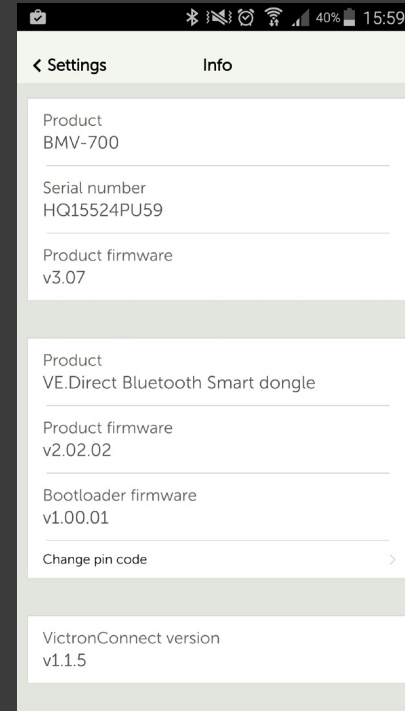
VE.Direct Smart



More details

VE.Direct Bluetooth Smart dongle
firmware version will be v2.02.02

VE.Direct Bluetooth Smart dongle
bootloader version will be v1.00.01



Trouble shooting

In case of any problems, follow below steps and try again:

- 1) Kill the VictronConnect App
- 2) Disconnect the Dongle
- 3) Power off the phone/tablet
- 4) Restart the procedure at step 1

Or, when the first round of updating did complete, start at step 7.

Look at the LEDs: when round 1 has been completed, the LEDs will blink alternately: red, blue, red, blue, very fast.