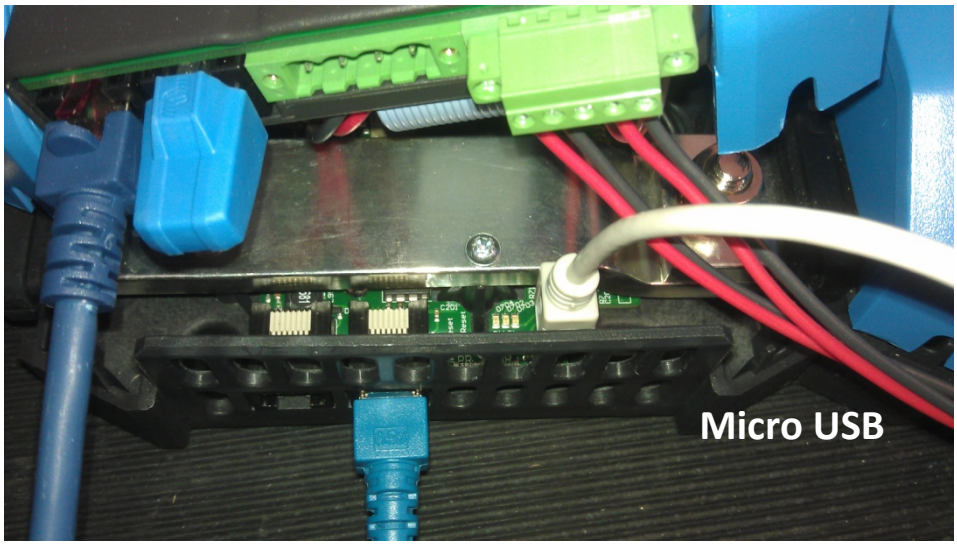
Updating new firmware to the Lynx Ion(for “rev2” Lynx Ions and lynx ion + shunt)

1. Connect the USB cable to the Lynx Ion as below.



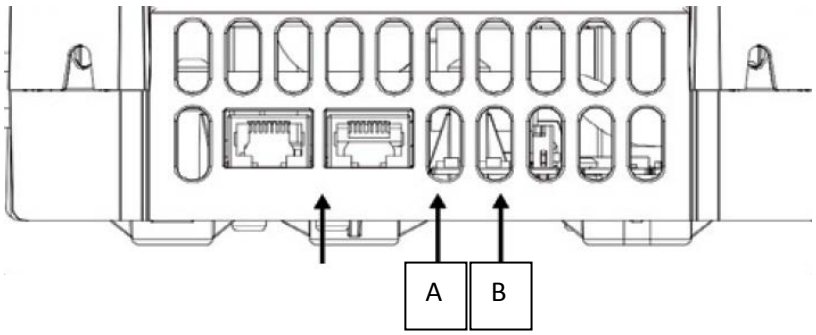
2. Now hold the START key pressed until the system starts-up (status LED is blinking fast) and the status LED is continuously on.
3. Now release the START key.
1. The status LED is blinking slow and on the PC a mass storage device will be added with the name “Lynx-Ion1.1”.
2. Delete the “firmware.bin” file from the disk.
3. Now drag the new firmware file (*.bin) to the disk.
4. If it is done copying, remove the USB cable from the Lynx Ion.
5. Wait until the status LED goes off.
6. Now the firmware update is complete.
7. Restart the system with the START key. (NOTE: try 2 times)

Hard-reset and bootloader button

Button A:

This is the hard reset button. It resets the Lynx Ion independent of software.

Button B:

If incorrect software is programmed, this button can be used to startup the boot loader again. Button can also be used to go to boot loader directly. If the device is in sleep mode and then the button is pressed for 2 seconds, device will start up in boot loader mode. This way the device is not required first to start up in normal mode.

NOTE: when device has been in boot loader mode, new software has been loaded or not, first press the Start button for 3 seconds to get it out of boot loader mode.