EG4 PowerPro RSD RS232 Update Guide
(This guide will also be used to update the EG4-LL S)

This is a 2 part update, please refer to the EG4 PowerPro RSD RS485 Update Guide to complete the Closed loop RSD with the EG4 18k.
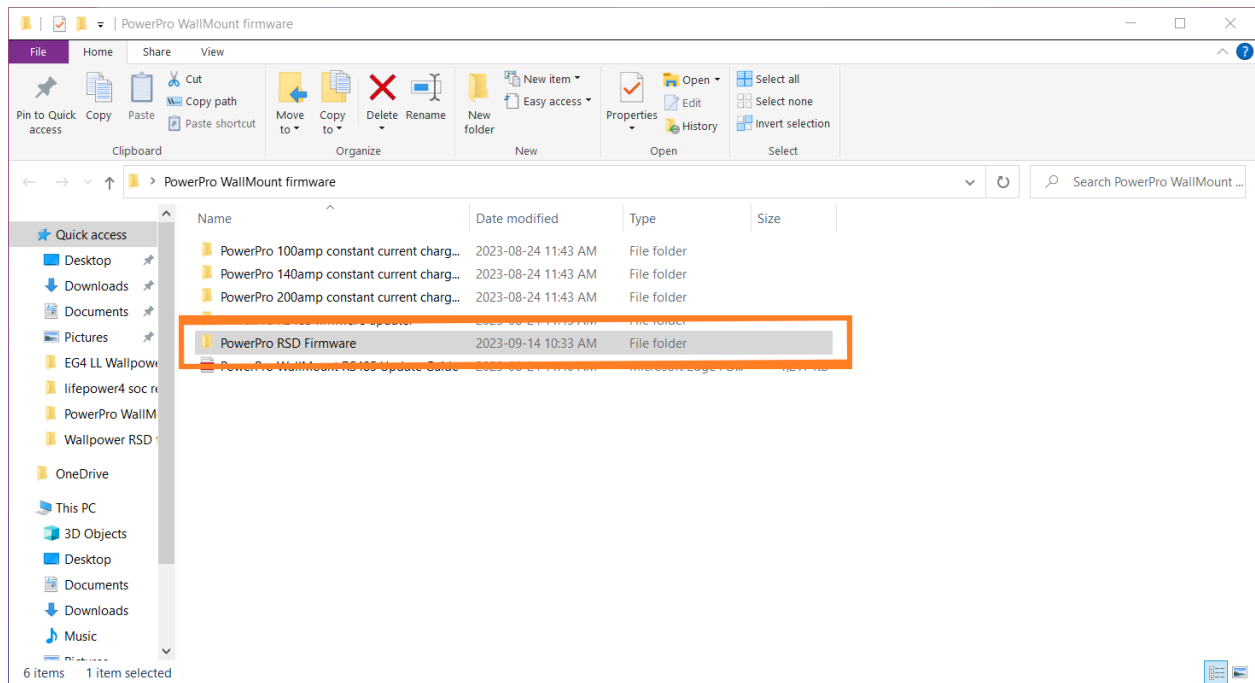
Please read this guide thoroughly before updating the EG4 PowerPro battery or batteries. Failure to do so can result in a "soft-bricked battery"

Please do not disconnect the RS232 cable during the update or have the windows computer power off. This will lead to a soft-bricked bms.
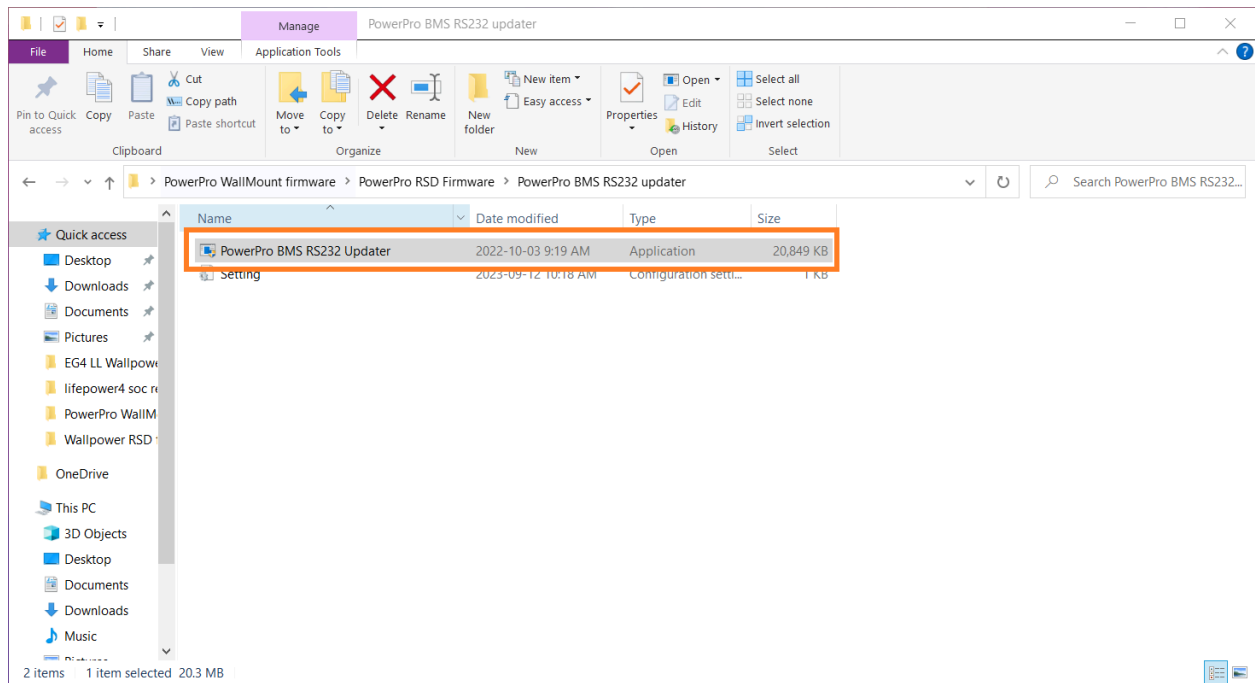
Remove all cat communication cables between the Battery-Comm that are paralleling each battery, failure to do so will result in a soft bricked bms if attempting to RS232 update multiple batteries at the same time.

Only power on the BMS of the EG4 PowerPro battery you are updating one at a time, failure to do so will result in a soft bricked bms if attempting to RS232 update multiple batteries at the same time.
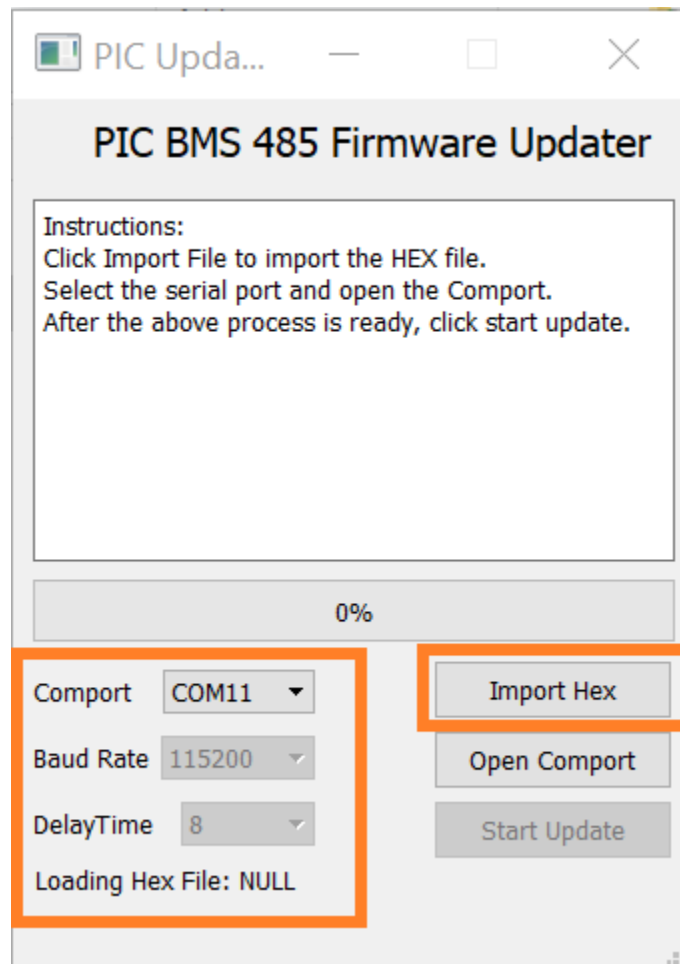
1. Using an RS232 to USB-A, connect the RJ45 (Pins 4-Rx, 5-Tx) to the Battery-Comm port on the PowerPro and then to the USB-A port on a windows computer.
2. Set the battery's dip switch ID you are updating to ID:0.
3. Now power on only the BMS on the PowerPro with the BMS Switch.
4. Open the PowerPro Wallmount Firmware folder, open the PowerPro RSD Firmware.
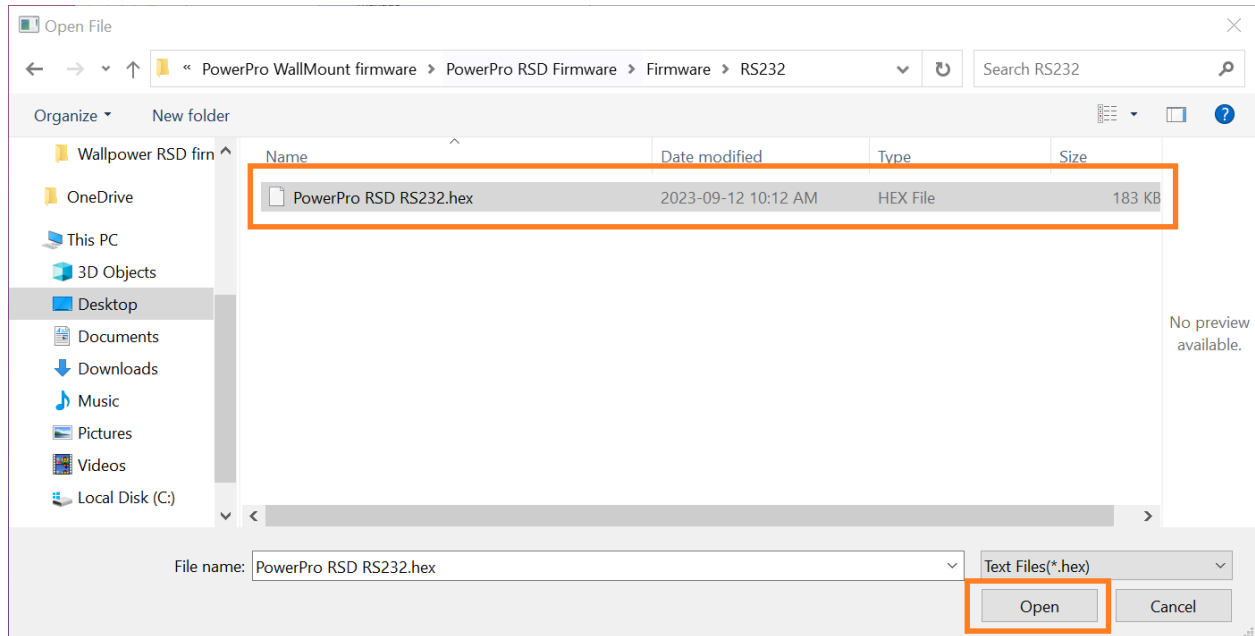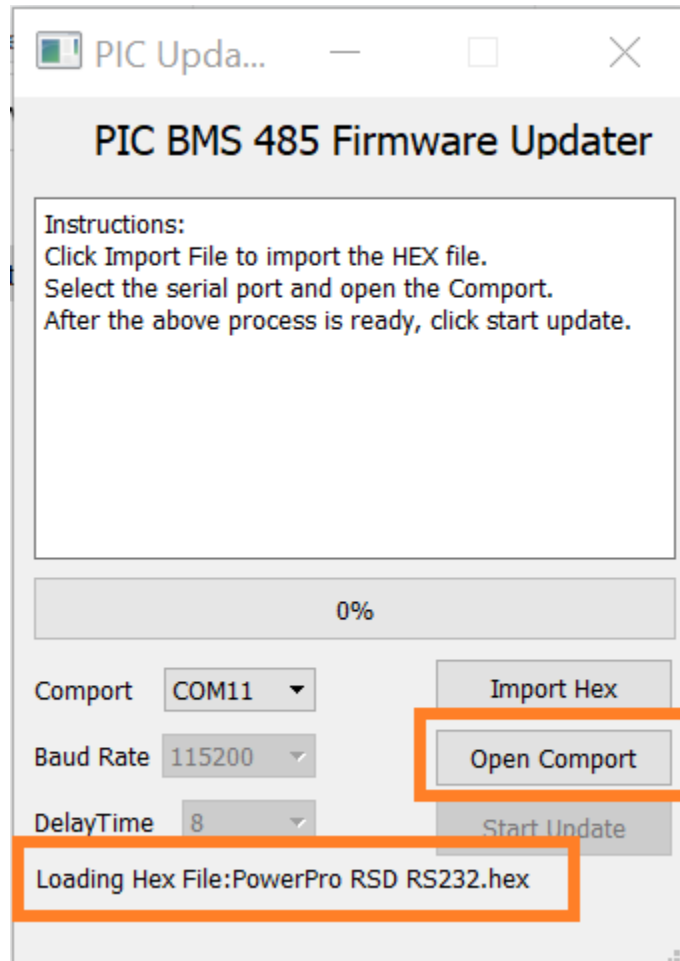
5. Open the PowerPro BMS RS232 Updater.exe

6. Confirm that the Comport is set correctly for the RS232 cable that Windows has assigned. Now click Import Hex.
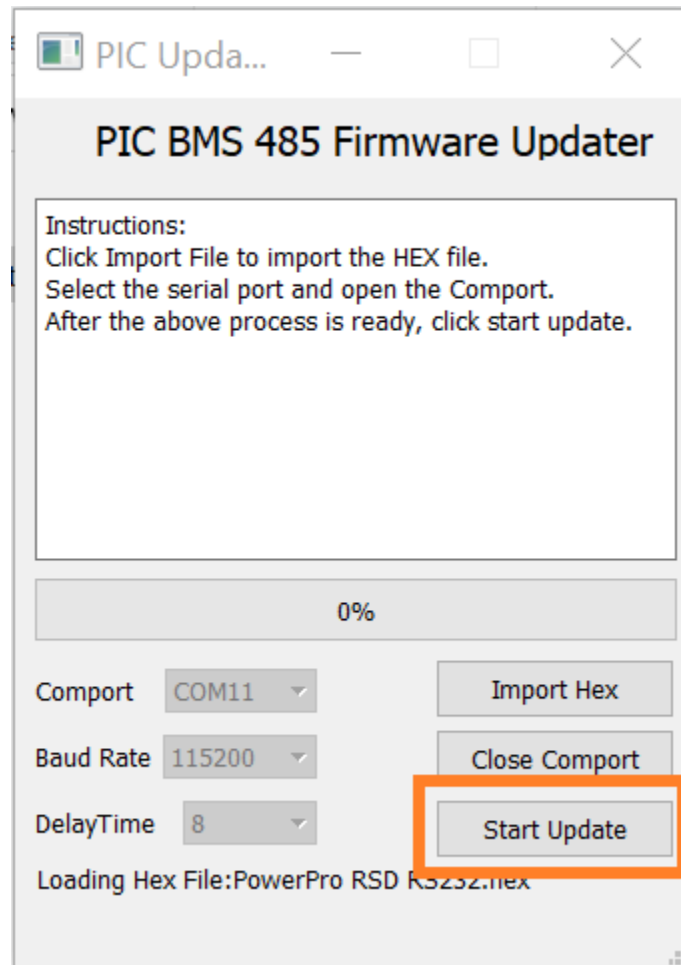
7. File explorer will now open. Next navigate to the PowerPro RSD Firmware folder, open the next Firmware folder. Now open the RS232 folder and choose the file "PowerPro RSD RS232.hex" then click open.
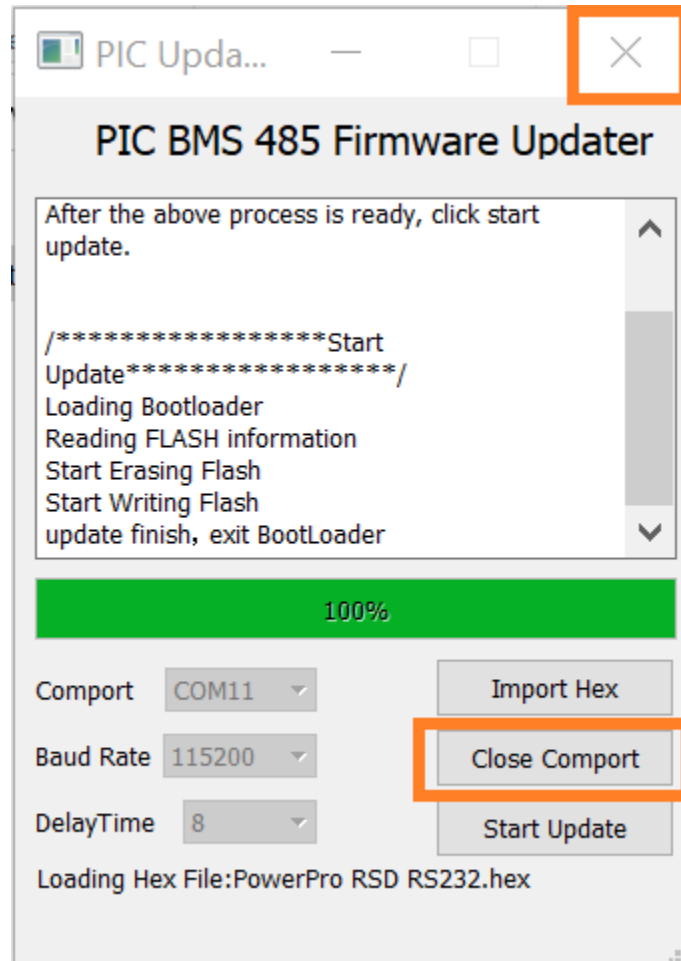
8. The PowerPro RSD RS232.hex file has now been loaded into the updater. Next click Open Comport.

9. Start Update will now be available to click. Click Start Update

10. Once the update is complete, update finish, exit BootLoader will be displayed in the prompt. Click Close Comport. Then you can exit this application.

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