EG4 PowerPro RSD RS485 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 RS232 Update Guide to complete the Closed loop RSD with the EG4 18k.==
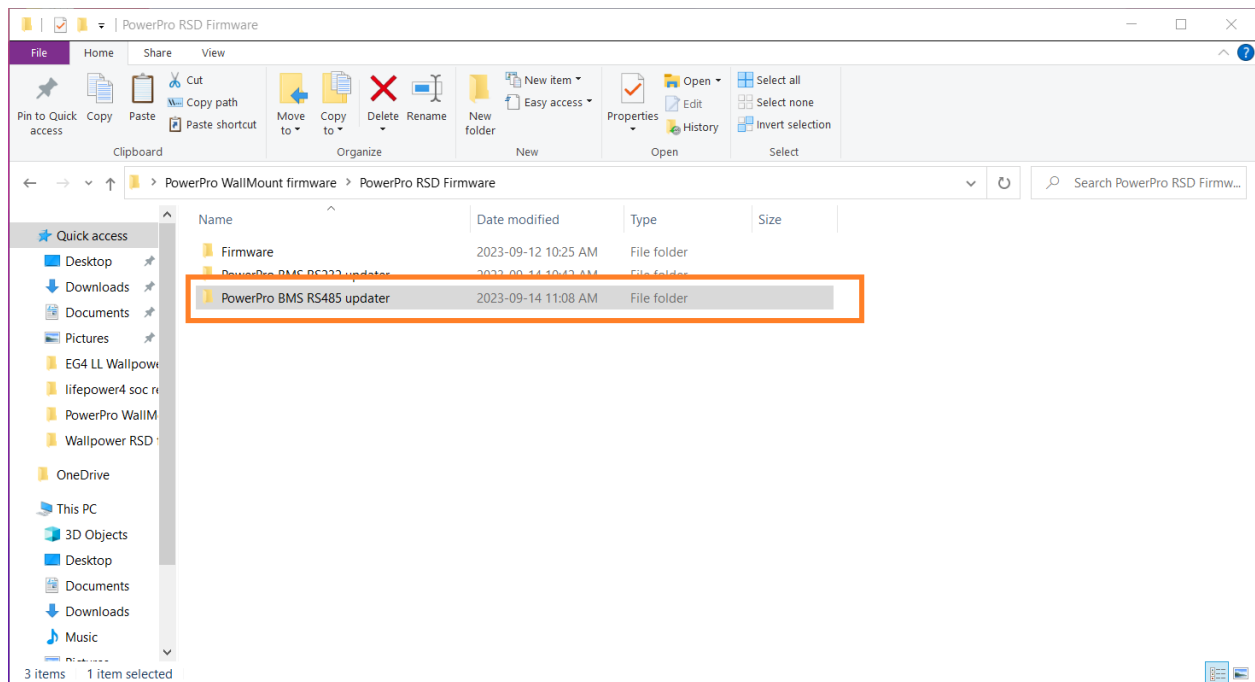
==Please read this guide thoroughly before updating the EG4 PowerPro battery or batteries. Failure to do so can result in a "soft-bricked battery"==

==Please do not disconnect the RS485 cable during the update or have the windows computer power off. This will lead to a soft-bricked bms.==
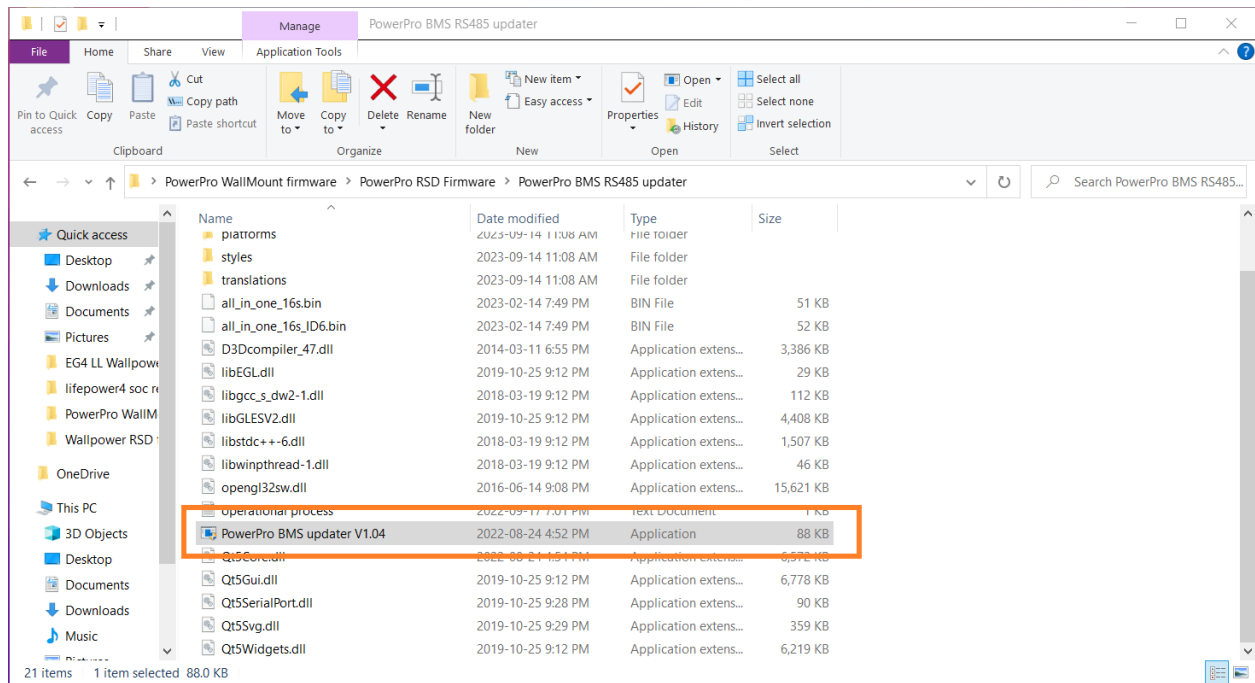
==Remove all cat communication cables between the Battery-Comm that are paralleling each battery, failure to do so will result in a soft bricked bms if attempting to RS485 update multiple batteries at the same time.==

==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 RS485 update multiple batteries at the same time.==
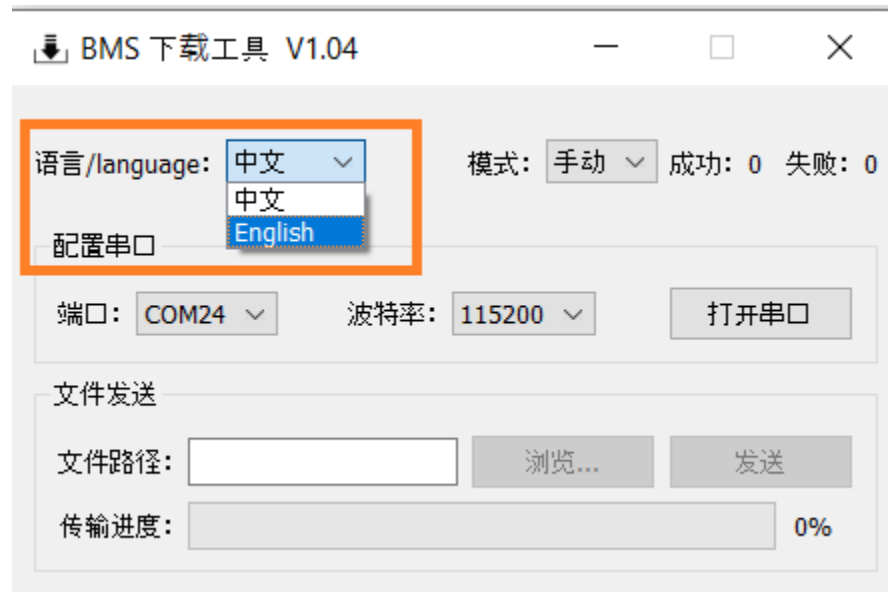
1. Using an RS-485 (RJ45 Pins 1-B,2-A) to USB-A connect to the RS-485 port of the battery and then to a USB-A port on a Windows computer.
2. Set the battery's dip switch ID you are updating to ID:0.
3. Now power on only the bms on the PowerPro with the ON/OFF button on the front faceplate.
4. Open the PowerPro RSD Firmware folder, then open the PowerPro BMS RS485 updater folder.
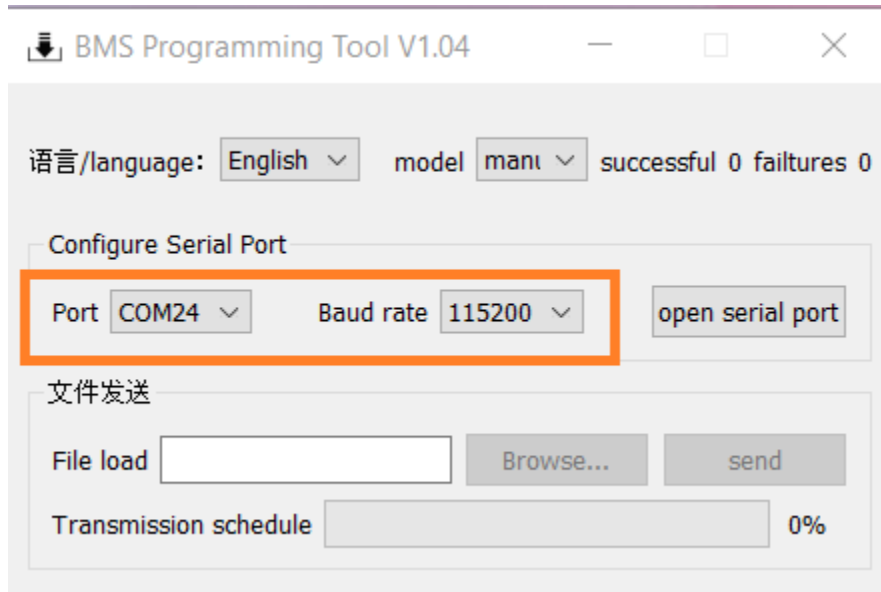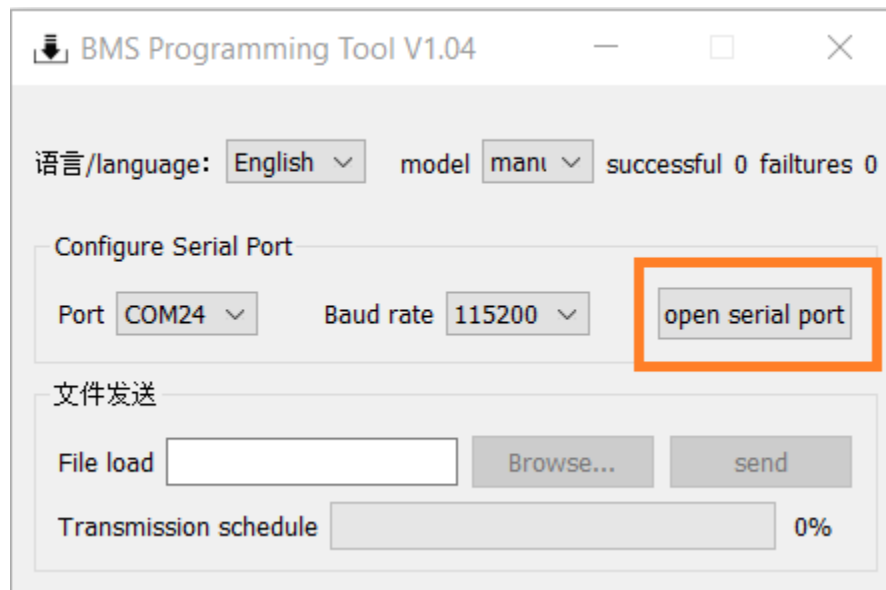
5. Open the PowerPro BMS Updater V1.04.exe

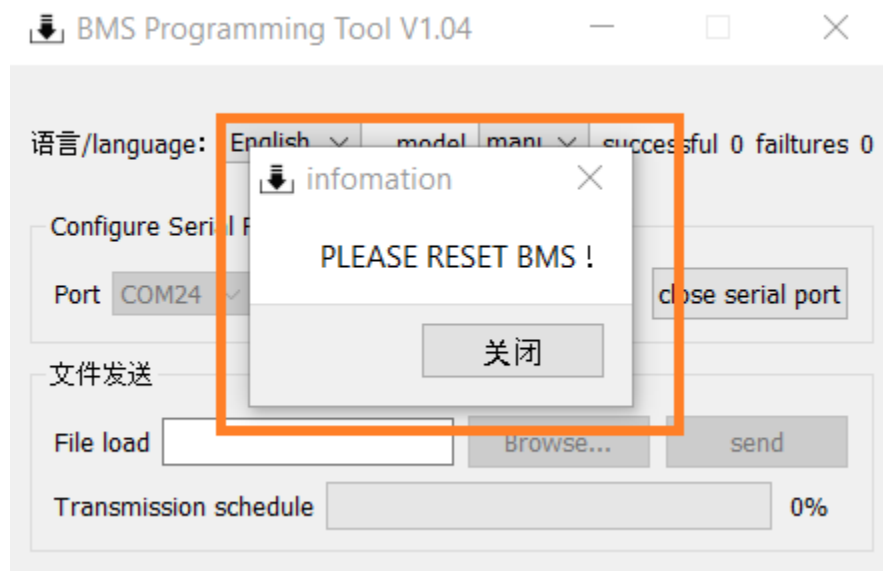6. Change the language to English if not already chosen.

7. Confirm that the COM port is set to the correct port number that Windows has assigned to the RS-485 cable. Also confirm that the Baud-Rate is 115200
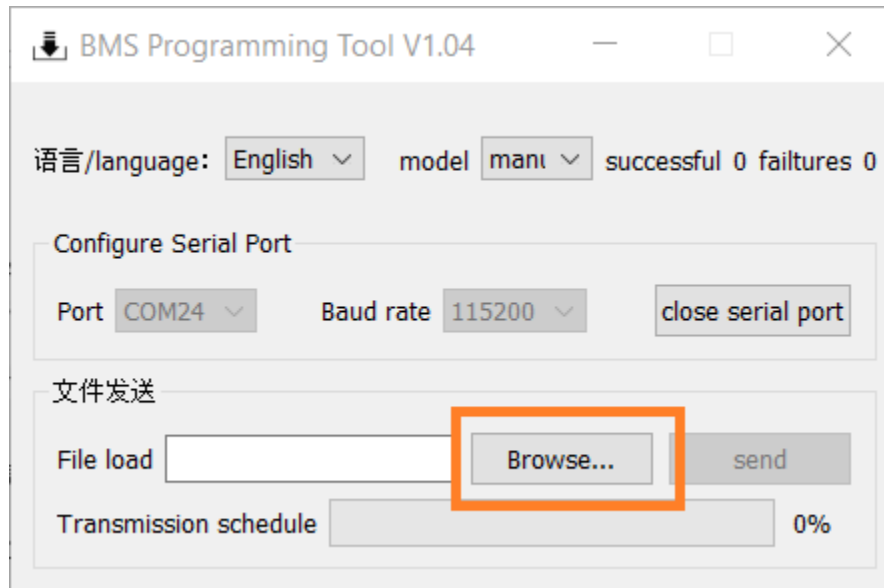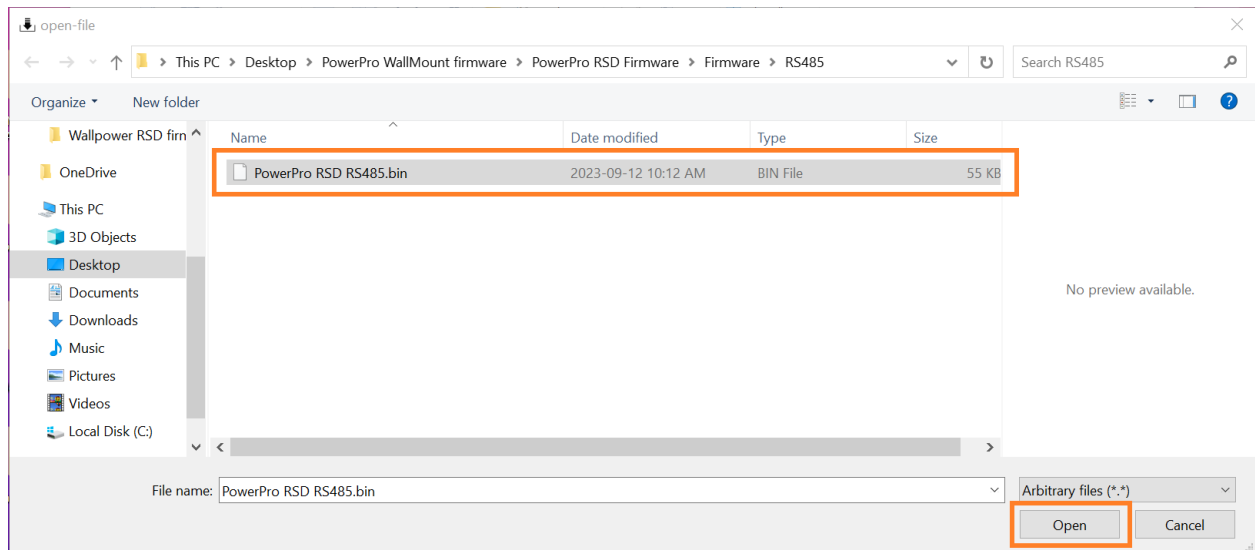
8. Now click open serial port.

9. Please Reset BMS! will now appear. Power OFF the bms switch, then power ON the bms switch back on. This box will now automatically close whenever the BMS is reset.
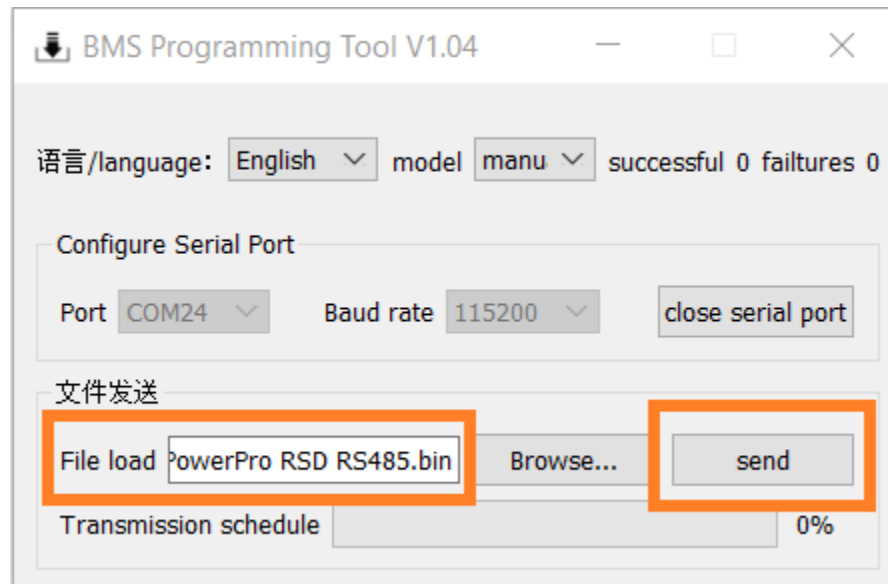
10. The browse button will now appear, click Browse… to select the firmware you would like to flash.
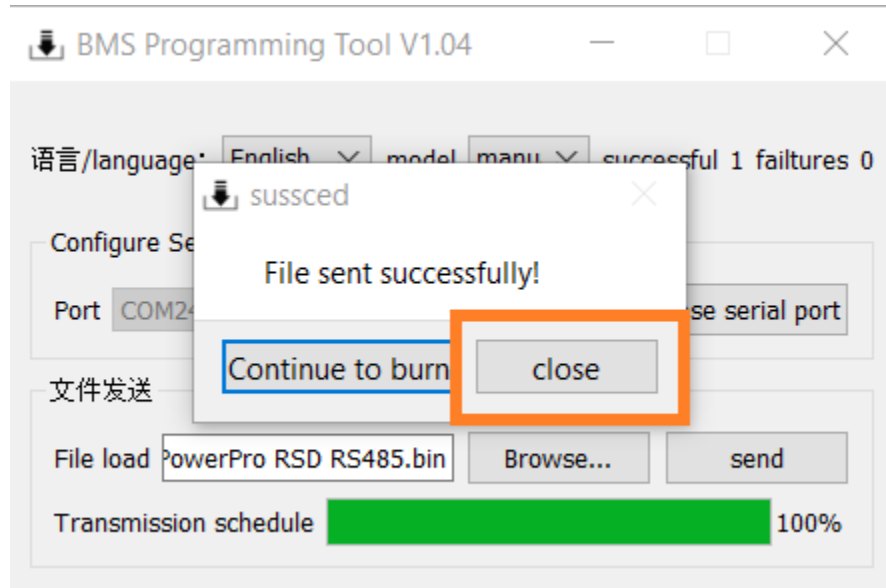
11. File explorer will now open. Next navigate to the PowerPro RSD Firmware folder, open the next Firmware folder. Now open the RS485 folder and choose the file "PowerPro RSD RS485.bin" then click open.
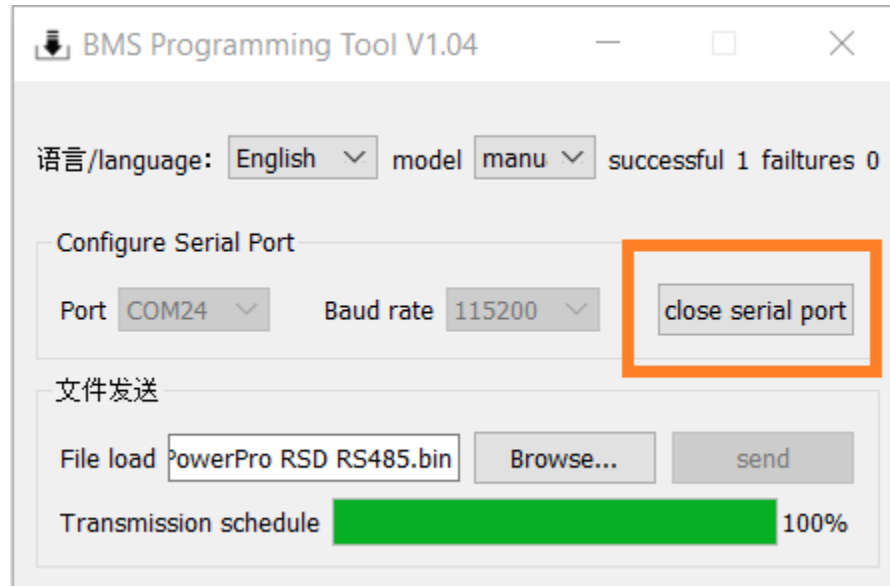
12. After the .BIN File has been loaded into the updater next click send.

13. The Transmission Schedule will now begin to fill to 100%. A box will appear saying File sent successfully! Click close.

14. Now click close serial port. You have now successfully updated the PowerPro battery. You can now close this application.