Guide on updating a EG4 Lifepower4 battery

1. Confirm that the cable you are using is an USB-A RS485 to RJ45 that is pinned out for 1,2 (1-B,2-A) on the RJ45 connector. Now plug in the cable from your computer to the RS485 RJ45 jack on the lifepower4 battery.
2. Set the dip switch to ID:0 and power on the battery. Remove any other CAT patch cables plugged into the battery if in parallel with other batteries.
3. Open the BMS Test application
4. On the Config-info tab, make sure the Port Number: is set to the correct Com # relating to the RS-485 cable, next press the connect button under the port settings, at the very bottom the green port opened successfully! status will flash.
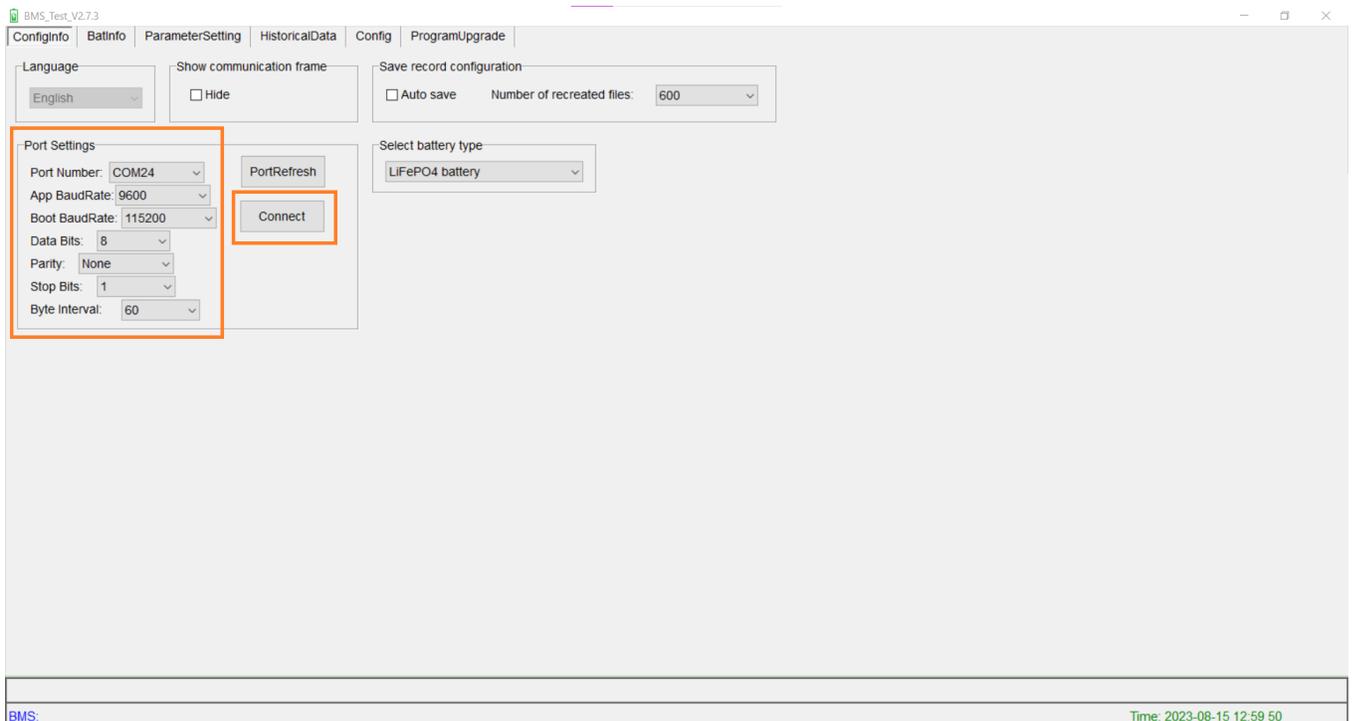
5. Click on the Program Upgrade tab,Under the upgrade operation box, change the device address to ID:0.

6. Now click Get Boot Information
WARNING! When getting boot information, the battery cannot be charging or discharging, Get Boot Information will fail!

7. After clicking Get Boot Information, you have now populated the boot information box. Get boot information successfully! will be listed in the prompt below. The hardware version number will be used to determine which update will be applied to the Lifepower4 battery. The only 2 hardware versions are 0207, 0205.
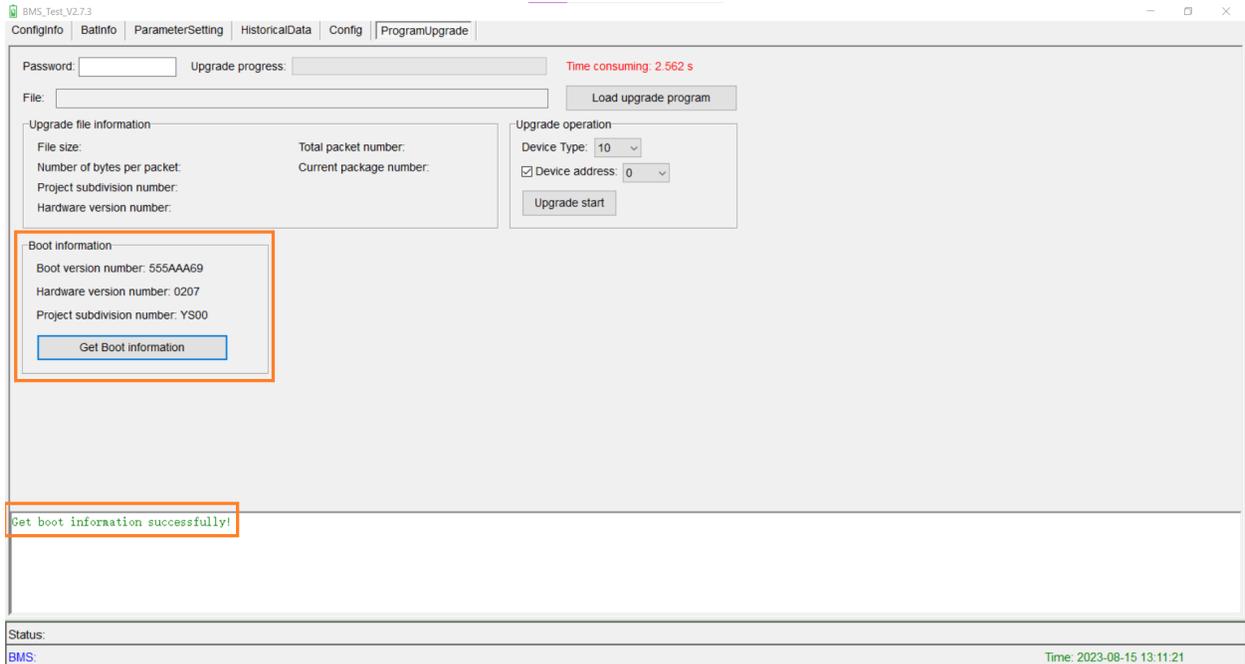
8. Now click load upgrade program.

8. File explorer will open, locate the update .BINC firmware folder
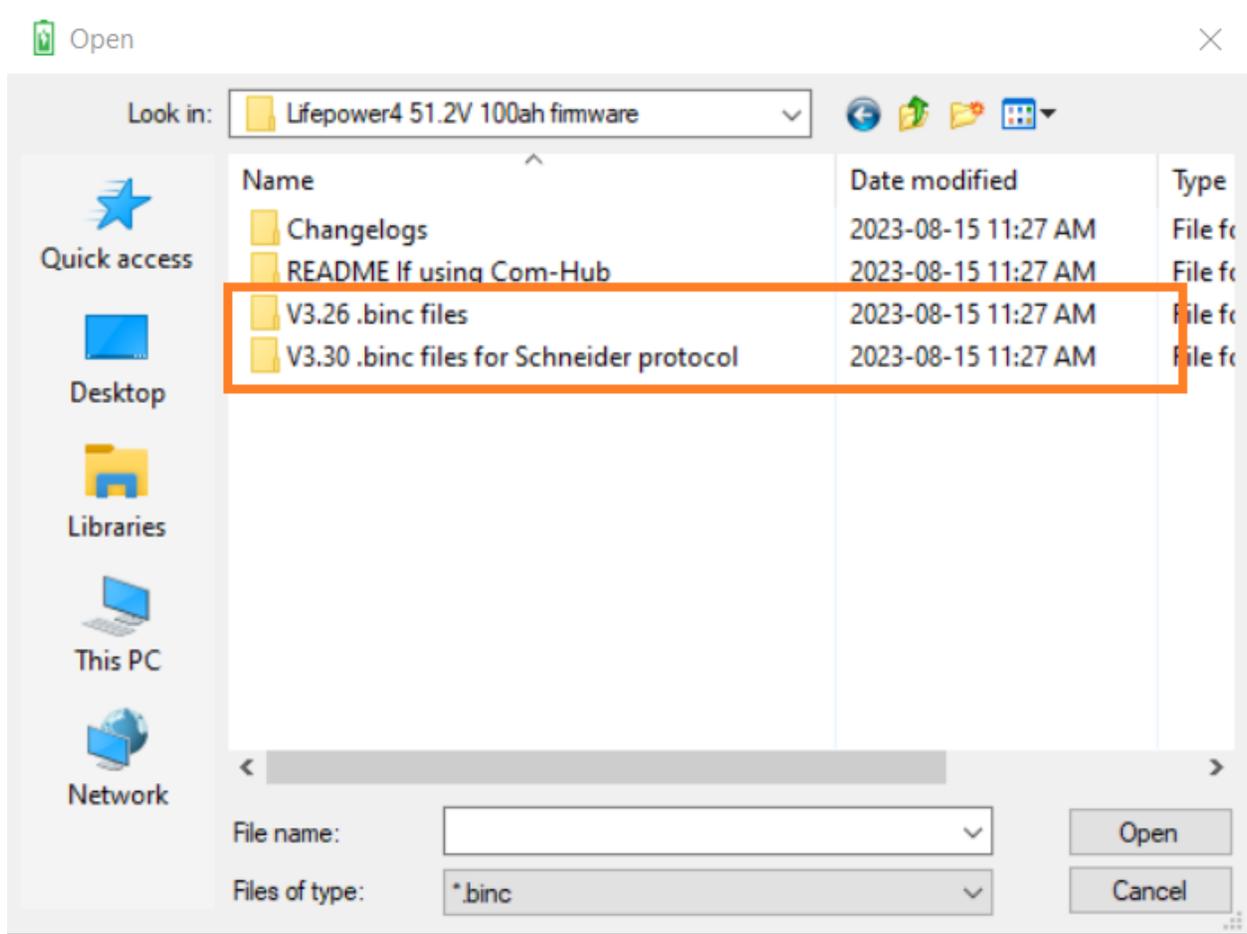
9. After determining which Hardware Version the battery your updating has, choose the correct HW0207 or HW0205 . Binc file. Then click open
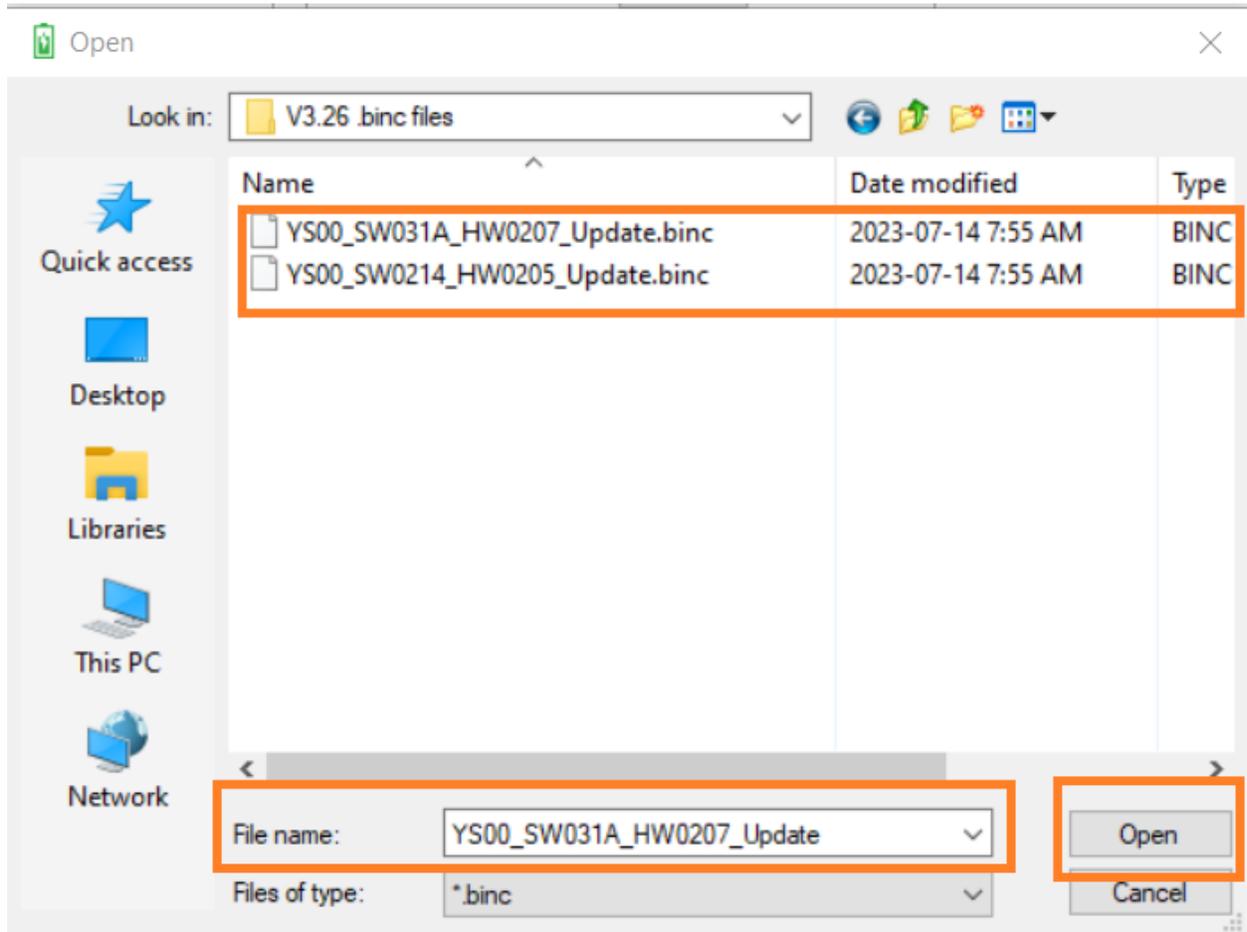
10. After opening the .BINC file, the information will automatically be populated for updating the firmware. Program data verification is correct! will be listed in the prompt below.
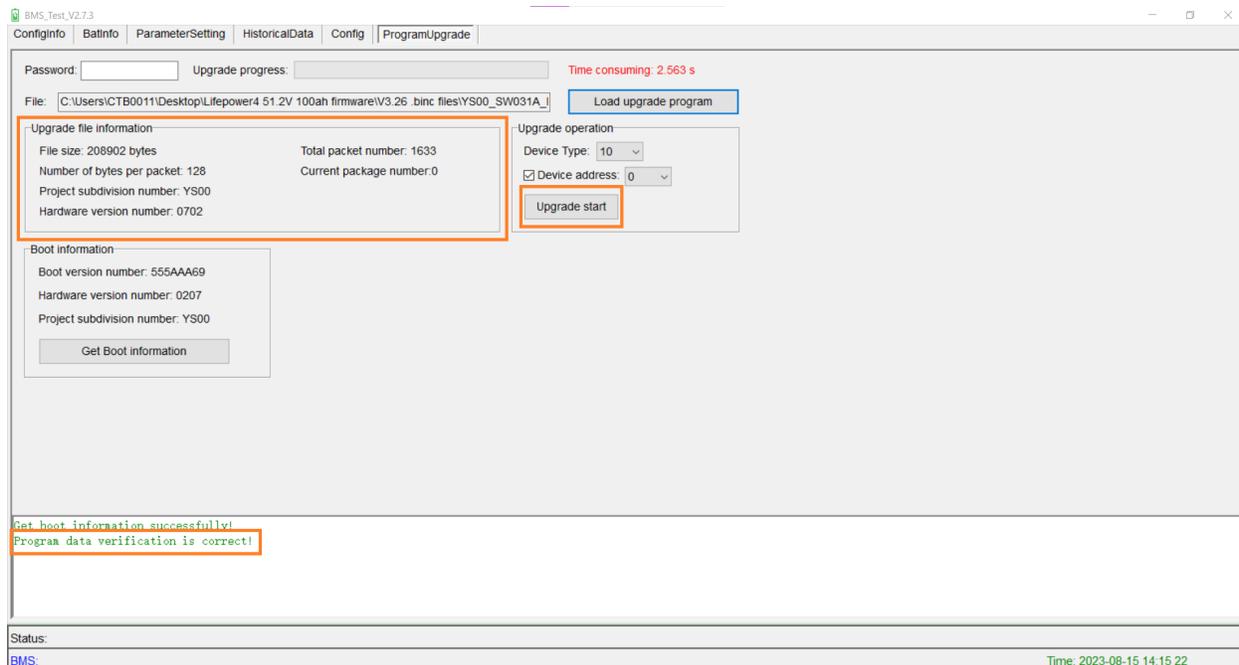
11. Now click upgrade start

12. The upgrade progress bar will begin to fill, after the update is finished Upgrade Successful! will be listed in the prompt below. You have now successfully updated a EG4 Lifepower4 battery.