

# EG4 LifePower4 V2

## RSD RS485 Update Guide

**Note:** Before starting this guide. Make sure you have downloaded the EG4 Monitor portal Firmware Update Folder from the Firmware section of the LifePower4 V2

1. Log into the Monitor Center website at [monitor.eg4electronics.com](http://monitor.eg4electronics.com) and confirm the station and battery being updated.
2. Select the *Maintenance* tab and select *Read*. To complete the remote update, the *Lithium Brand* must be set to "Lithium-1"

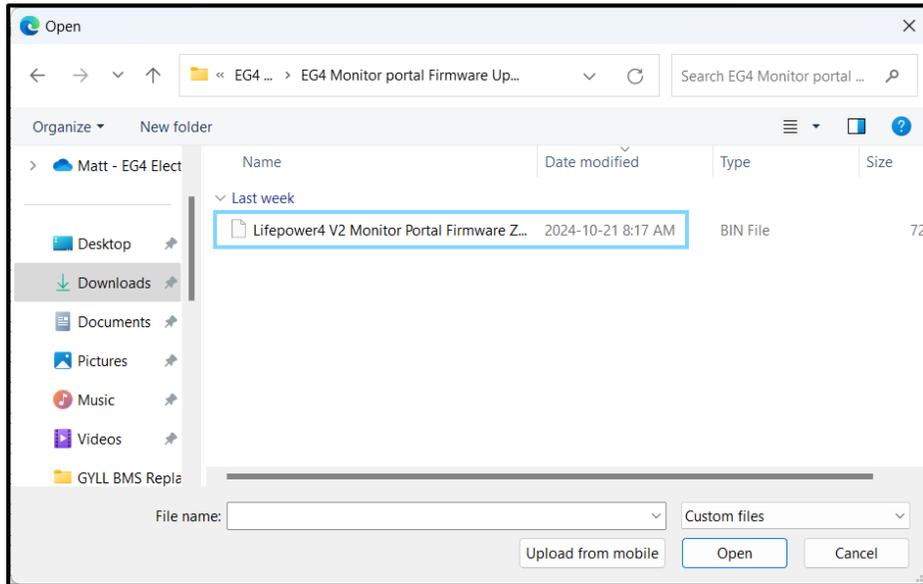
The screenshot shows the EG4 Electronics Maintenance interface. The 'Maintenance' tab is active. In the 'Common Setting' section, the 'Battery Type' dropdown is set to '2: Lithium' and the 'Lithium Brand' dropdown is set to '1'. The 'Remote Set' option is highlighted in the left sidebar.

3. Select *Remote Update* and confirm station. Select *Firmware File* and *Choose File*.

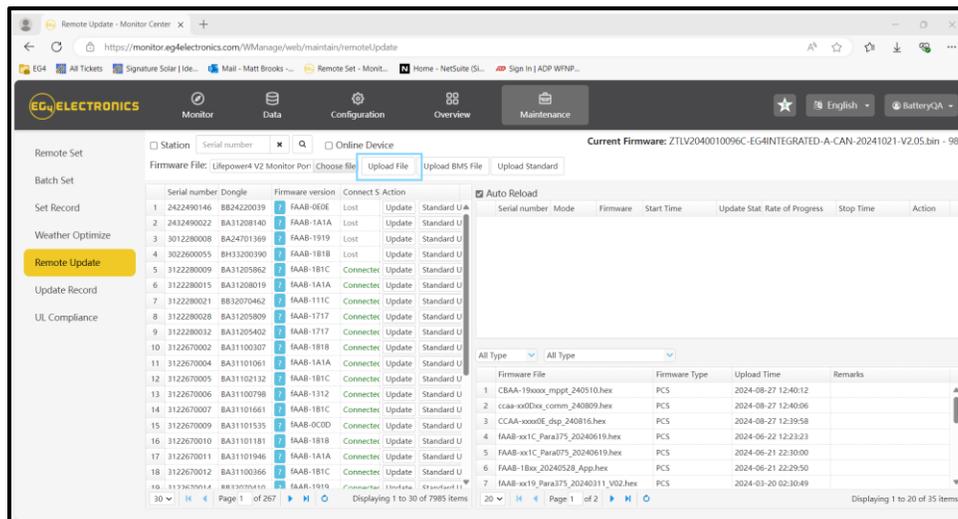
The screenshot shows the EG4 Electronics Maintenance interface with the 'Remote Update' option selected in the sidebar. The 'Firmware File' dropdown is set to 'Please choose a file', and the 'Choose file' button is highlighted. Below this, there is a table of stations with columns for Serial number, Dongle, Firmware version, Connect Status, and Action.

Serial number	Dongle	Firmware version	Connect Status	Action
1		?	Connected	Update Standard Update
2		?	Connected	Update Standard Update
3		?		Update Standard Update
4		?		Update Standard Update
5		?		Update Standard Update
6		?		Update Standard Update

- After selecting *Choose File*, navigate to the downloaded file for the EG4 Monitoring Portal Firmware Update. In the main folder, a file named “Lifepower4 V2 Monitor Portal Firmware Z02T05.BIN” will appear.



- After selecting the file, select *Upload File*. Once it is uploaded to the portal, double check that the correct firmware has been uploaded. Failure to do so will result in a soft-bricked BMS. If an incorrect file is uploaded, a manual RS485 update using a windows computer will have to be done to unbrick the BMS.



- Find the inverter you will be having do the update. Click *Update* under the *Action* column. A progress bar will appear in the blank area highlighted. This is the status of the file being downloaded to the 18kPV inverter, NOT the battery being updated.

The screenshot shows the 'Remote Update' section of the EG4 Monitor Center. The 'Station' is 'Battery RD EG4'. The 'Current Firmware' is 'ZTLV2040010096C-EG4INTEGRATED-A-CAN-20241021-V2.05.bin - 98'. The 'Firmware File' is 'Lifepower4 V2 Monitor Port'. The 'Upload File' and 'Upload BMS File' buttons are visible. A table lists 10 inverters with columns for Serial number, Dongle, Firmware version, Connect S, and Action. The 'Update' button under the 'Action' column for each inverter is highlighted in blue. A secondary table at the bottom right shows a list of firmware files with columns for Firmware File, Firmware Type, Upload Time, and Remarks.

Serial number	Dongle	Firmware version	Connect S	Action
1	3122670040	BG32601604	FAAB-181C	Connect Update Standard Updt
2	3122670120	BG32603044	FAAB-181D	Connect Update Standard Updt
3	3162670205	BA31100933	FAAB-1A1A	Lost Update Standard Updt
4	3182670039	BA31100933	FAAB-1A1A	Lost Update Standard Updt
5	3192670235	BG32603044	FAAB-181B	Lost Update Standard Updt
6	3192670020	BA32601920	FAAB-181C	Connect Update Standard Updt
7	3332670173	B401771594	FAAB-181C	Lost Update Standard Updt
8	3424200043	BA31100933	FAAB-1A1A	Lost Update Standard Updt
9	3462670279	BA31100933	FAAB-1D1D	Lost Update Standard Updt
10	3464660443	BA32800157	FAAB-181C	Lost Update Standard Updt

- After the file has been downloaded, the update status will show *Success*. At this point, DO NOT cancel or power off the inverter or battery.

The screenshot shows the 'Remote Update' section of the EG4 Monitor Center. The 'Station' is 'Battery RD EG4'. The 'Current Firmware' is 'EG4 18k to PowerPro update bin - 100'. The 'Firmware File' is 'Please choose a file'. The 'Upload File' and 'Upload BMS File' buttons are visible. The table lists 3 inverters with columns for Serial number, Dongle, FW Code, Connect Status, and Action. The 'Update' button under the 'Action' column for the first inverter is highlighted in blue. A secondary table at the bottom right shows a list of firmware files with columns for Firmware File, Firmware Type, Upload Time, and Remarks.

Serial number	Dongle	FW Code	Connect Status	Action
1	3122670120	BG32601604	Connected	Update Standard Update
2	3122670198	BG32603356	Connected	Update Standard Update
3	3122670235	BG32603044	Connected	Update Standard Update

8. View LCD screen on the 18kPV for download progress. After the BMS has been successfully updated, the battery will restart.

