

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 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*"

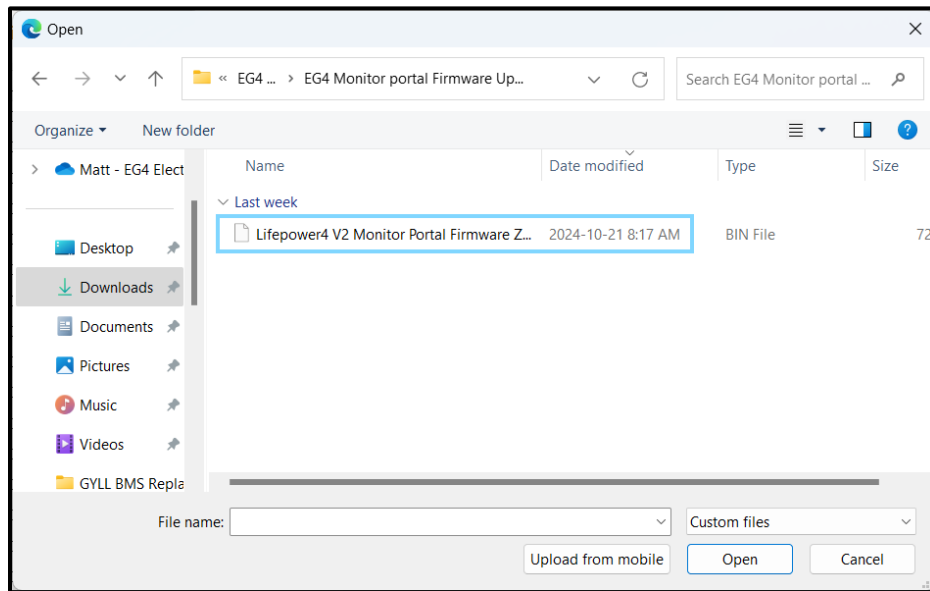
The screenshot shows the EG4 Electronics Monitor Center website. The top navigation bar includes Monitor, Data, Configuration, Overview, and Maintenance (highlighted with a blue box). The left sidebar has Remote Set (highlighted with a blue box), Weather Optimize, and Remote Update. The main content area shows a 'Select station first' dropdown and a 'Read' button. Below this is a 'Common Setting' section with fields for Time, PV Input Mode, Start PV Volt, Measurement, Battery Type (set to 2: Lithium), and Lithium Brand (set to 1). A 'Set Model' button is at the bottom right.

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

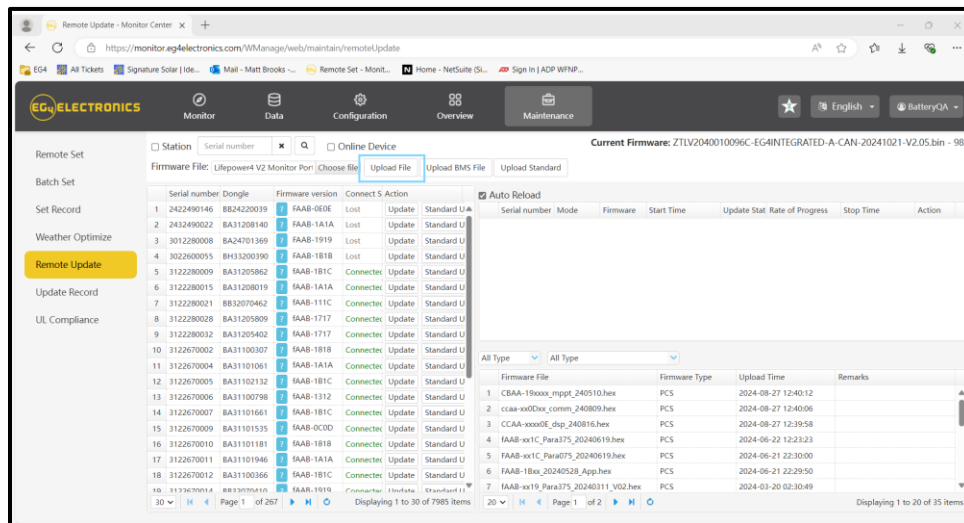
The screenshot shows the EG4 Electronics Monitor Center website with the Remote Update tab selected. The left sidebar has Remote Set, Set Record, Weather Optimize, Remote Update (highlighted with a blue box), Update Record, and UL Compliance. The main content area shows a 'Firmware File' section with a 'Please choose a file' dropdown and a 'Choose file' button (highlighted with a blue box). Below this is a table with columns: Serial number, Dongle, Firmware version, Connect Status, and Action. The table contains 6 rows of data, with the first two rows showing 'Connected' status and 'Update' actions.

	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.

Remote Update - Monitor Center

Station: Battery RD EG4

Current Firmware: ZTLV2040010096C-EG4INTEGRATED-A-CAN-20241021-V2.05.bin - 9B

Serial number	Dongle	Firmware version	Connect	Action	Update	Standard Upd
1	3122670040	BG32601604	7	IAAB-181C	Connect	Update
2	3122670120	BG32601044	7	IAAB-181D	Connect	Update
3	3162670205	BA31100933	7	IAAB-1A1A	Lost	Update
4	3182670039	BA31100933	7	IAAB-181B	Lost	Update
5	3192670235	BG32601044	7	IAAB-181C	Lost	Update
6	3192670220	BA32601192	7	IAAB-181C	Connect	Update
7	3332670173	B40171594	7	FAAB-181C	Lost	Update
8	3424280043	BA31100933	7	FAAB-1A1A	Lost	Update
9	3462670279	BA31100933	7	FAAB-1D1D	Lost	Update
10	3464660443	BA32800157	7	FAAB-181C	Lost	Update

Auto Reload

Serial number	Mode	Firmware	Start Time	Update Stat	Rate of Progress	Stop Time	Action
1	Normal	EG4 18k to PowerPro update bin - 100	2024-01-02 14:56:55	Success	100% - 100 / 100	2024-01-02 14:59:06	Cancel

Displaying 1 to 10 of 10 items

- 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.

Remote Update - Monitor Center

Station: Battery RD EG4

Current Firmware: EG4 18k to PowerPro update bin - 100

Serial number	Dongle	Firmware version	Connect	Action	Update	Standard Upd
1	3122670120	BG32601604	7	IAAB-181B	Connected	Update
2	3122670198	BG32601356	7	IAAB-181B	Connected	Update
3	3122670235	BG32601044	7	IAAB-181B	Connected	Update

Auto Reload

Serial number	Mode	Firmware	Start Time	Update Status	Rate of Progress	Stop Time	Action
1	Normal	EG4 18k to PowerPro update bin - 100	2024-01-02 14:56:55	Success	100% - 100 / 100	2024-01-02 14:59:06	Cancel

Displaying 1 to 3 of 3 items

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

