

EG4 14.3kWh PowerPro WallMount All Weather Battery Update Guide

- 1. Use an RS-485 cable, RJ45 (Pins 1-B,2-A) to USB-A, to connect one end to the RS-485 port on the battery and the other end to a USB-A port on a Windows computer.
- 2. Set the updating battery's dip switch to ID 0 (if needed refer to the EG4 14.3kWh PowerPro WallMount AW Battery user manual for dip switch configuration).
- 3. Power on only the BMS of the PowerPro battery by pressing the ON/OFF button on the side plate of the battery.
- 4. Open the PowerPro firmware updater folder, then open and run the PowerPro BMS updater V1.04 application.
- 5. Change the language to English if not already chosen.

.┋ BMS 下载工具 V1.04	—		\times
语言/language: 中文 ~ 中文 一配置串口 English	模式: 手动 >	成功: 0	失败: 0
端口: COM24 ~ 波特率	: 115200 ~	打开書	30
文件发送			
文件路径:	浏览	发送	<u>ŧ</u>
传输进度 :			0%

6. 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 set to 115200.

■ BMS Programming Tool V1.04 - ×	
语言/language: English ~ model manı ~ successful 0 failtures	0
Configure Serial Port	
Port COM24 $ \lor $ Baud rate 115200 $ \lor $ open serial port	
文件发送	
File load Browse send	
Transmission schedule 0%	

7. Now click the open serial port button.

BMS Programming Tool V1.04 —	\times
语言/language: English ~ model manı ~ successful 0 fail	tures 0
Configure Serial Port	_
Port COM24 $ \lor $ Baud rate 115200 $ \lor $ open serial	port
文件发送	
File load Browse send	
Transmission schedule	0%

8. "PLEASE RESET BMS!" will now appear. Power OFF the BMS switch, then power ON the BMS switch, using the ON/OFF button on the side plate of the battery. This box will automatically close once the BMS is reset.

BMS Progra	amming Tool V1.04	ļ —			\times
语言/language:	Epalish > model	manı v cu	cces	sful 0 fai	ltures 0
- Configure Seri	IF PLEASE RES	SET BMS !	cl	ose serial	port
文件发送		关闭			
File load		Browse		send	
Transmission s	schedule				0%

9. The Browse... button will now present itself; click to select the firmware you would like to flash.

■ BMS Programming Tool V1.04 - ×
语言/language: English ~ model manı ~ successful 0 failtures 0
Configure Serial Port
Port COM24 $ \smallsetminus $ Baud rate 115200 $ \lor $ close serial port
文件发送
File load Browse send
Transmission schedule 0%

10. After clicking Browse..., file explorer will open with firmware options located in the main Powerpro folder (double click to open this folder). Now open the charging firmware folder with the proper charging current that you intend to update to, either 100amp, 140amp, or 200amp.

Name	Date modified	Туре	Size	
📜 Powerpro 100amp constant current charg	2023-08-15 11:02 AM	File folder		
Powerpro 140amp constant current charg	2023-08-15 11:04 AM	File folder		
Powerpro 200amp constant current charg	2023-08-15 11:04 AM	File folder		
PowerPro updater	2023-08-11 11:11 AM	File folder		
🧰 Guide on updating a PowerPro WallMoun	2023-08-11 11:21 AM	Microsoft Ed	ge PD 146 K	3

11. Now select the .bin file.

Name	Date modified	Туре	Size
all_in_one_16s_6id_lux_max_chg_200A.bin	2023-08-09 7:58 AM	BIN File	55 KB

12. After the .bin file has been loaded into the updater, click send.

■ BMS Programming Tool V1.04 - ×
语言/language: English ~ model manı ~ successful 0 failtures 0
Configure Serial Port Port COM24 Baud rate 115200 close serial port
文件发送
File load 1_lux_max_chg_200A.bin Browse send
Transmission schedule 0%

13. The Transmission schedule will now begin to fill to 100%, followed by a "File sent successfully!" pop-up box. Click close to proceed.



14. Now click close serial port. You have successfully updated your PowerPro battery. You can close this application by clicking the × in the upper right corner.

■ BMS Programming Tool V1.04 - ×
语言/language: English ~ model manu ~ successful 1 failtures 0
Configure Serial Port
Port COM24 ${\sim}$ Baud rate 115200 ${\sim}$ close serial port
文件发送
File load 1_lux_max_chg_200A.bin Browse send
Transmission schedule 100%