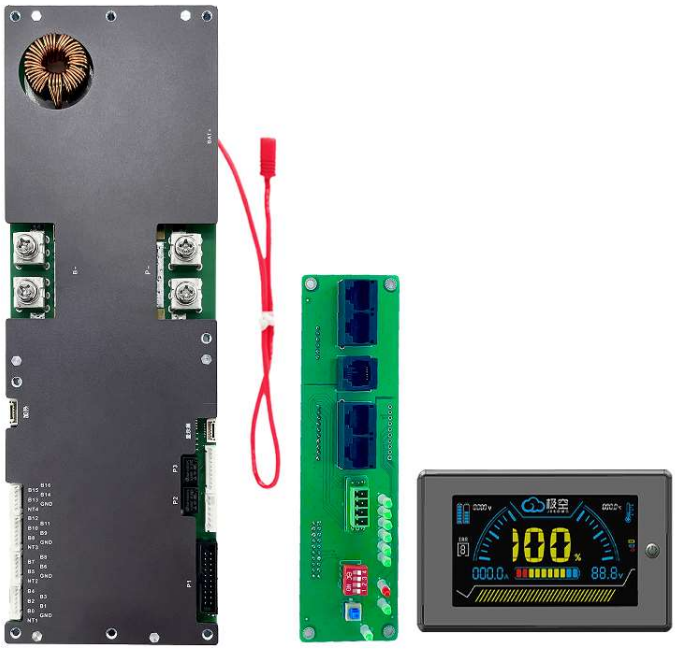
JKBMS Smart Active Balance BMS

JK-PB1A16S10P
JK-PB1A16S15P / JK-PB2A16S15P
JK-PB1A16S20P / JK-PB2A16S20P
Specification and operation manual



BMS update firmware process

Summary of File Changes

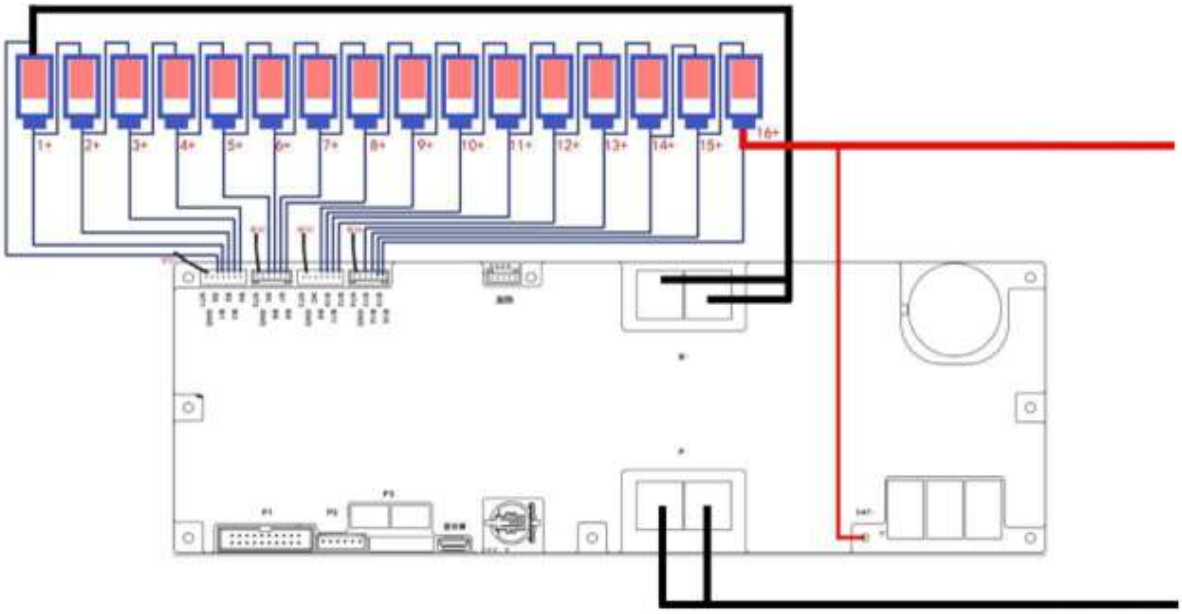
DATE	No.	Revision Description	Prepared by	Approved by
2023/11/2	V1.01	BMS update firmware process	Helen	

BMS update firmware process

1.Connect bms and battery correctly according to bms operation instructions

Wiring diagram

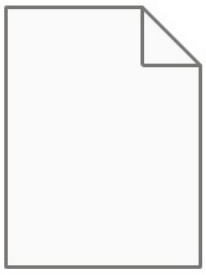
There are strict sequence requirements for the power-on of the protection plate. First weld B- , P-,B +, P +, and sequentially plug in the battery sampling line connector from low to high. After power-on, press the key to activate it. Load or charger can only be added after all connecting wires are installed. When removing, unplug the charger or load First, remove the battery sampling line connector in sequence from high to low, and finally remove B +, P +,B-, P-

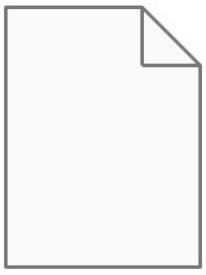


2. Install our software on the computer

jk-bms-monitor-setup

3. keep the firmwar that needs to be updated in the computer in advance


JK-PB1A16S10P.jkbms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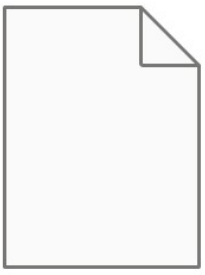
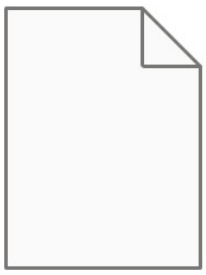
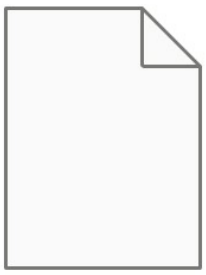
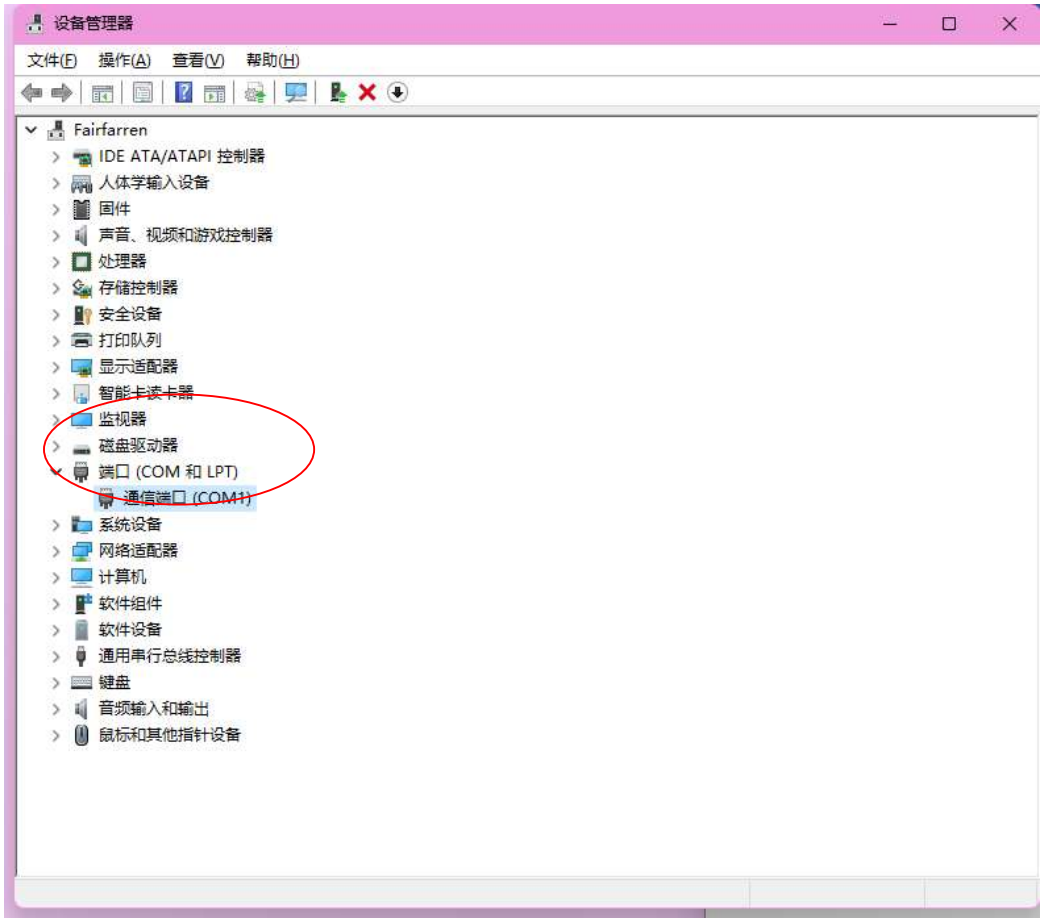

JK-PB1A16S20P - .jkbms


JK-PB2A16S15P.jkbms

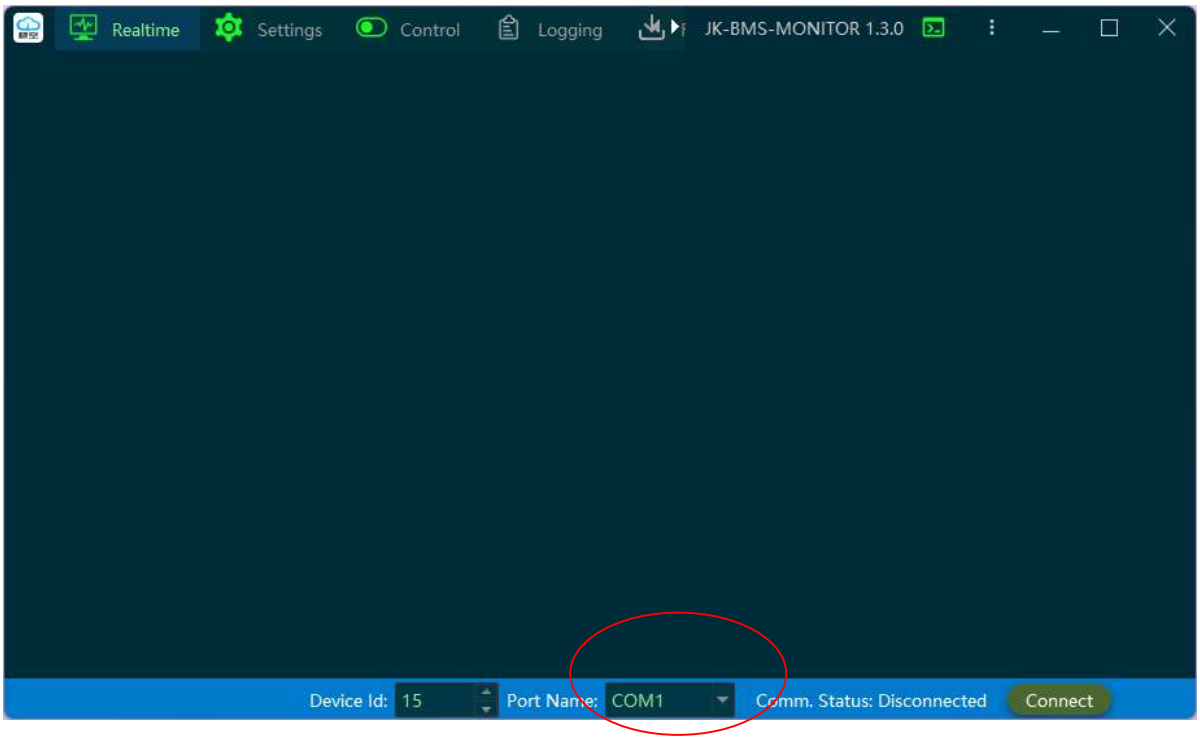

JK-PB2A16S20P.jkbms

4. Check work before linking

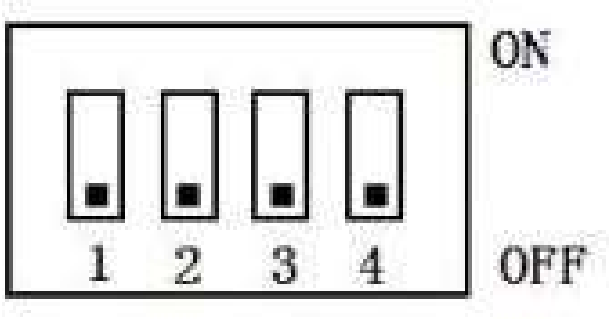
Open Device Manager using the shortcut keys WIN+X on the computer
Check the PORT code.



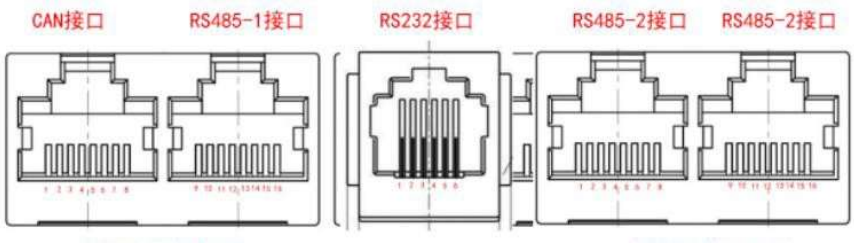
Confirm that the port values of the computer device manager and MONITOR are the same



5、Set the device id and Click Connect

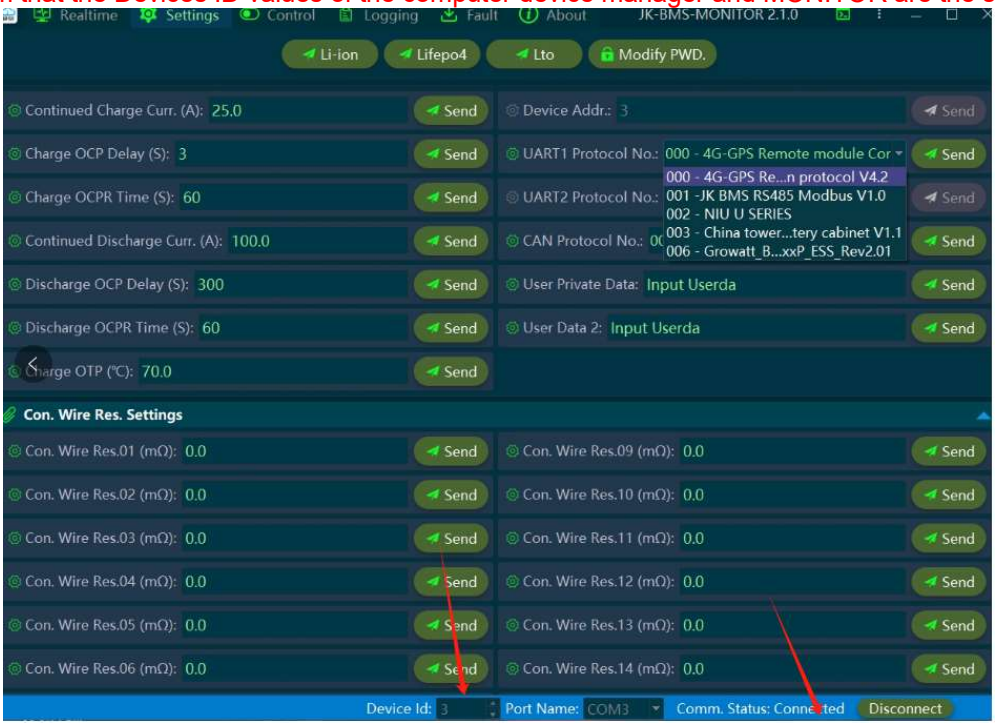


Address	Dial switch position			
	1	2	3	4
0	OFF	OFF	OFF	OFF
1	ON	OFF	OFF	OFF
2	OFF	ON	OFF	OFF
3	ON	ON	OFF	OFF
4	OFF	OFF	ON	OFF
5	ON	OFF	ON	OFF
6	OFF	ON	ON	OFF
7	ON	ON	ON	OFF
8	OFF	OFF	OFF	ON
9	ON	OFF	OFF	ON
10	OFF	ON	OFF	ON
11	ON	ON	OFF	ON
12	OFF	OFF	ON	ON
13	ON	OFF	ON	ON
14	OFF	ON	ON	ON
15	ON	ON	ON	ON

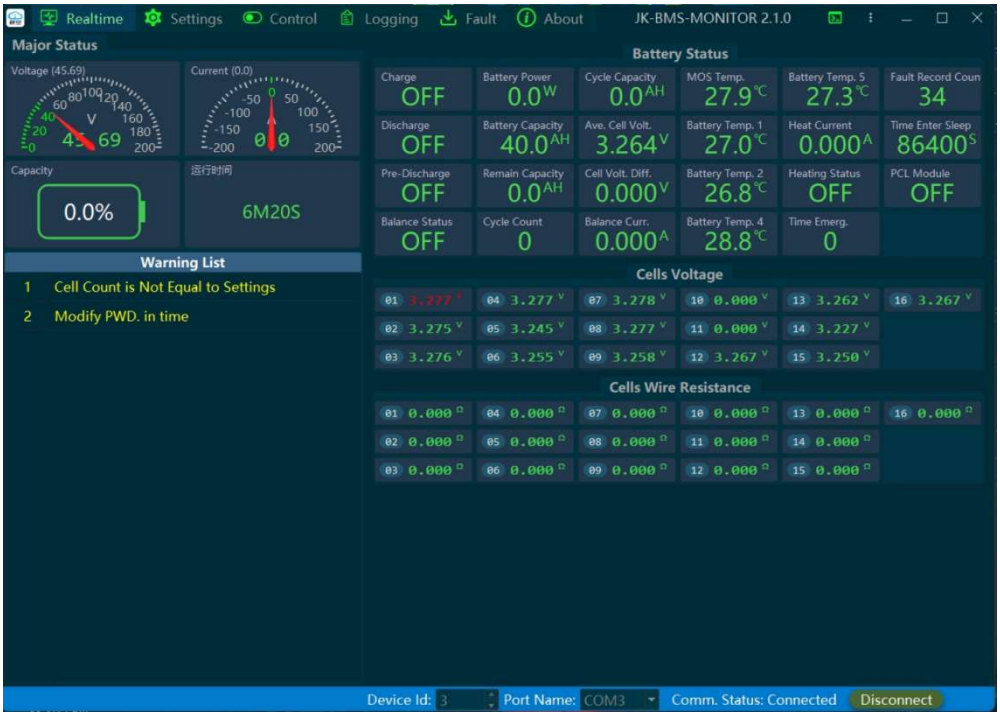


6.According to the adapter board, set the device id

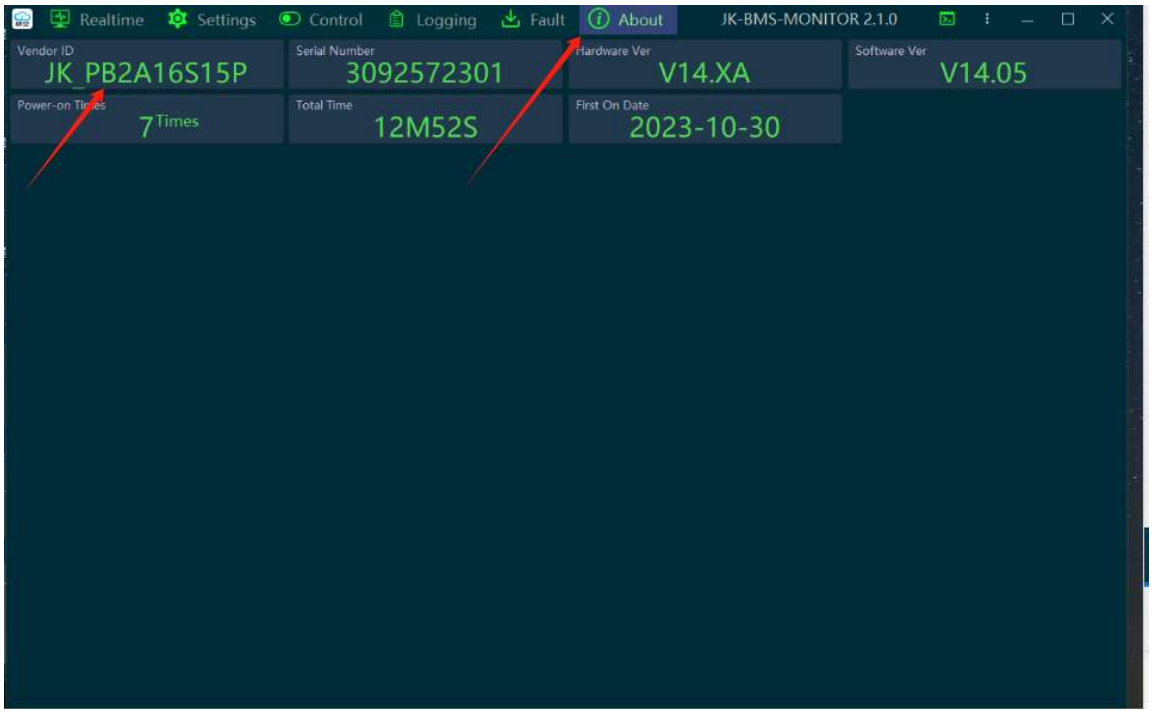
Confirm that the Devices ID values of the computer device manager and MONITOR are the same



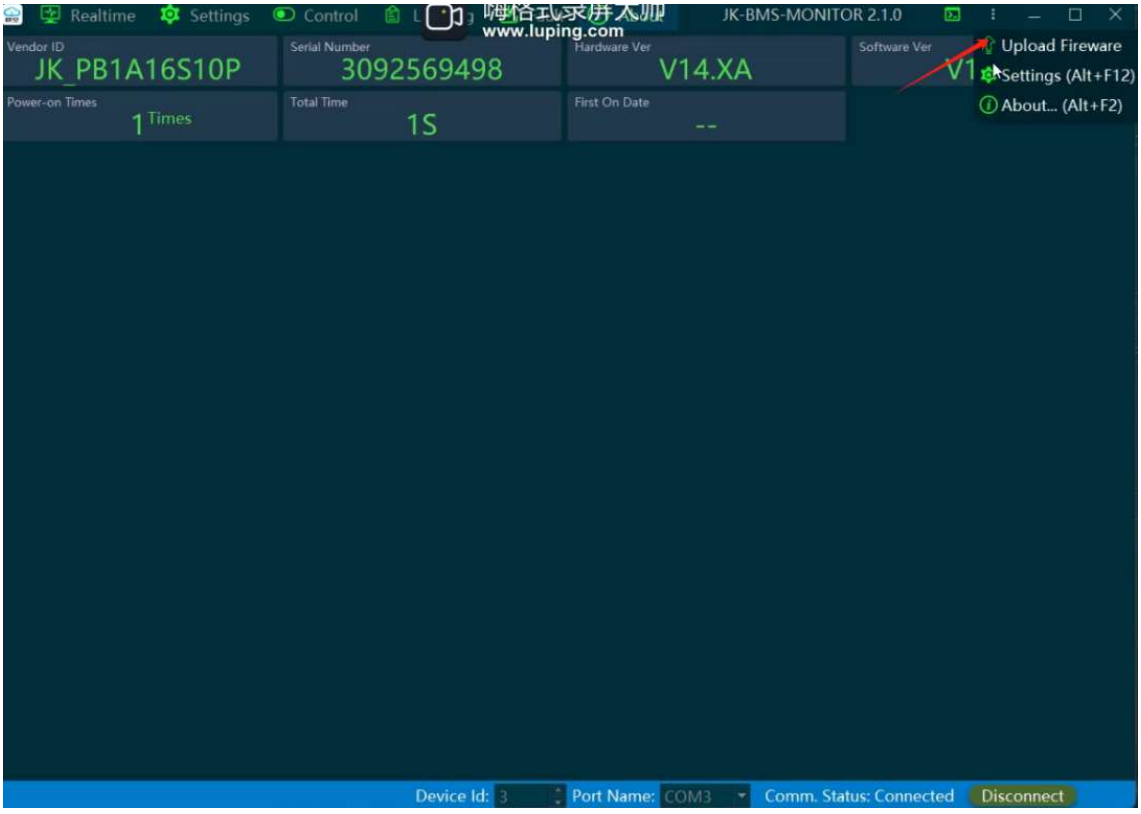
7. Open JK-BMS-monitor
(Prepare an RJ45 usb cable, adapter board and computer)



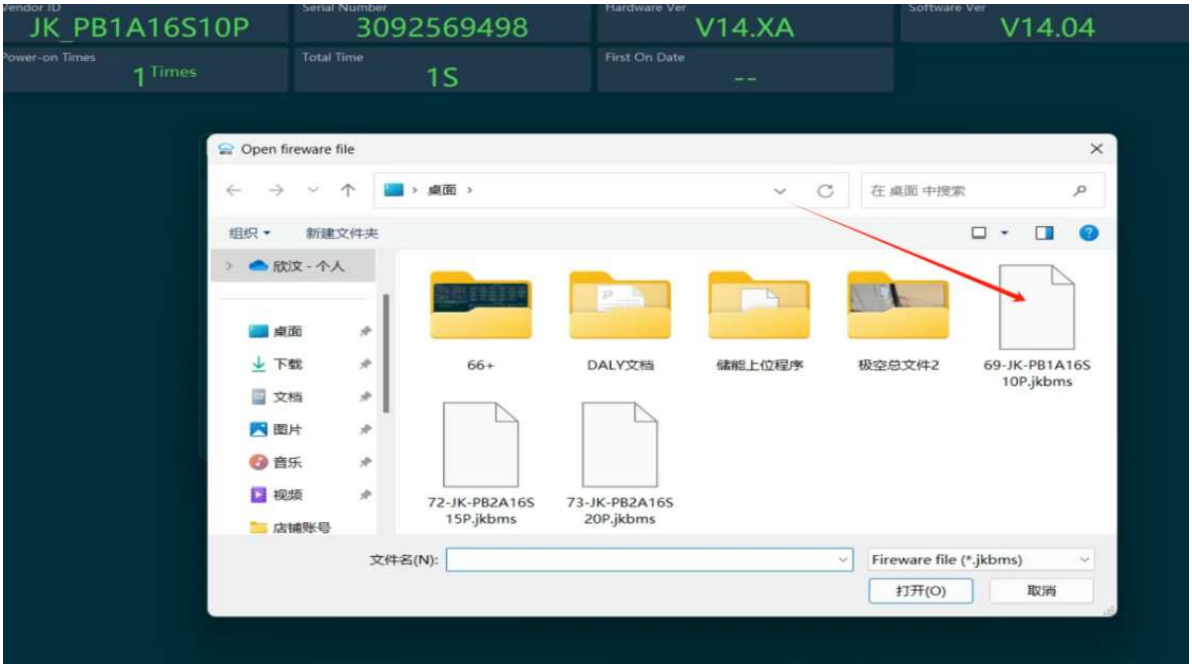
8. Click “ about ” , check the bms model



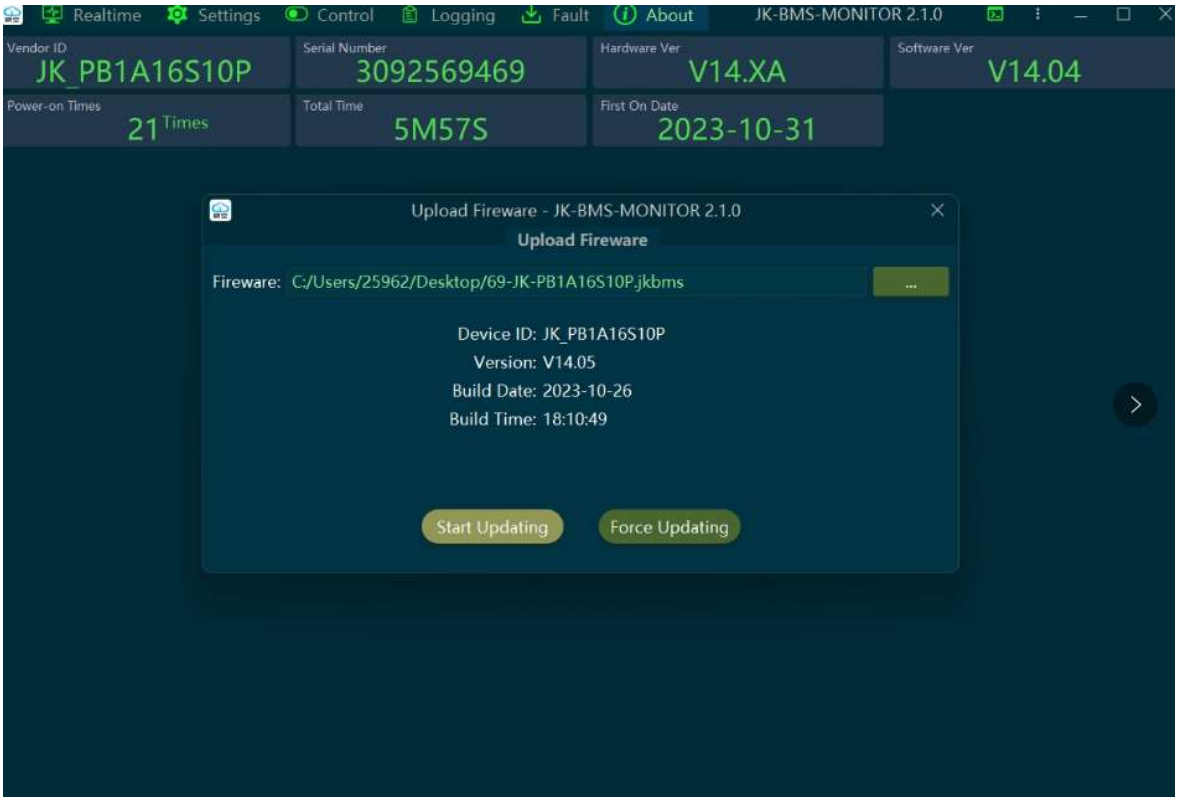
9. Click three in the upper-right corner and click upload fireware.



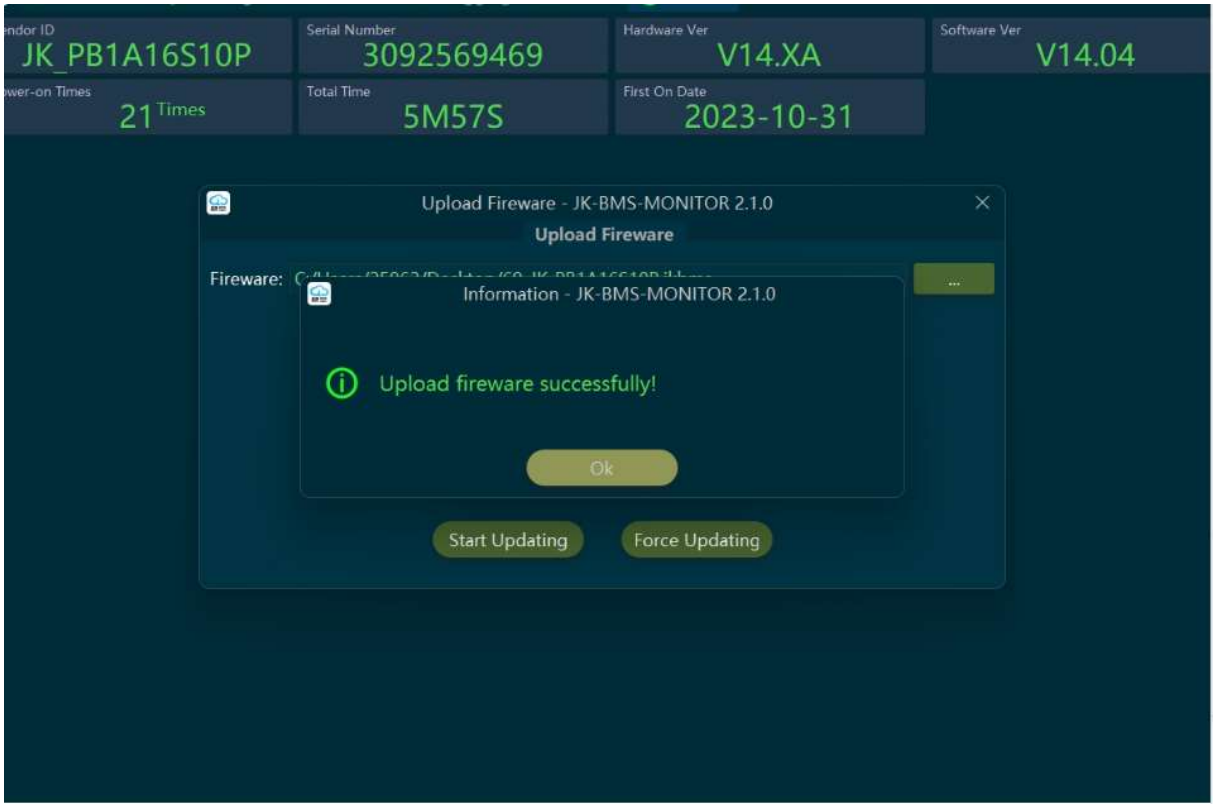
10.Click Upload Fireware - JK-BMS-MONITOR click upload fireware Select the firmware saved in step 3,
and select the corresponding firmware according to your model,click open,Start Installation



11. Click Start updating



12. Updated successfully, OK



13. Click Settings to find UART1/CAN Select the corresponding inverter brand and click "send"

14. Other