



Procedure

Reference:	PR20201112-01		
Version:	01.1	Category:	E

TITLE

Lithium Battery BMS Programmer Operation Instruction

MODEL

L4860/L48110/L48130/L48165

GOAL

Quality improvement

Performance

Upgrade

PARTS INFO

Down time

√

Maintenance

√

Work around

√

Others:

VERSION CONTROL:

Author:	Version:	Date:	Change/update:
Arvin Lu	01.0	2020/11/12	

TOOLS REQUIRED

- 1* BMS PROGRAMMER
- 1 x 8mm Socket
- 1*Electric impact wrench
- 1 x Socket Extention





Procedure

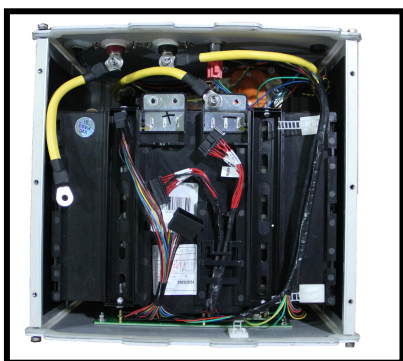
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HOW TO DO?

1.1 Cut off the power off the cart

- 1.1.1 Turn the key switch to OFF.
- 1.1.2 Disconnect the battery pack's positive and negative cables.

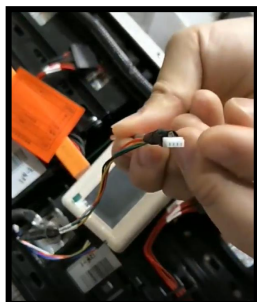
1.2 Remove the top cover of lithium battery pack.



1.3 Connect the BMS programmer to 5 Volt DC power supply to power up the programmer.



1.4 Connect the BMS programmer the other connector to BMS programming port.

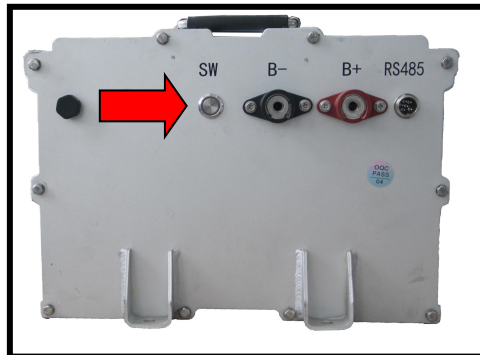




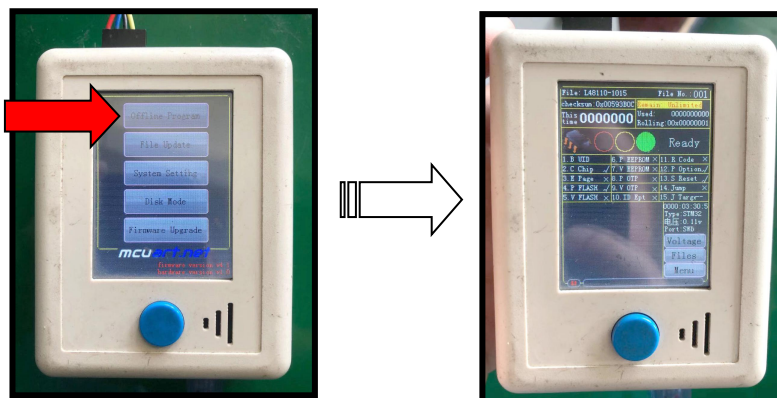
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1.5 Press the «SW» switch on the side wall of lithium battery pack.

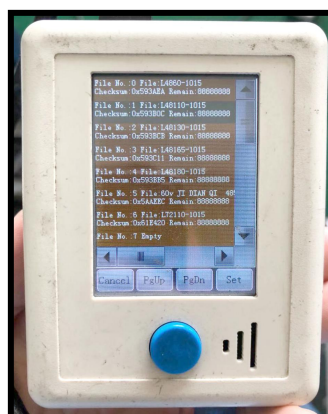


1.6 Use the fingure to click the «Offline Program» on the main interface of Programmer to get into the programming interface.



1.7 Select the correct programming file.

1.7.1 Click the «Files» button to get into the programming files selecting interface.



Programming files list:

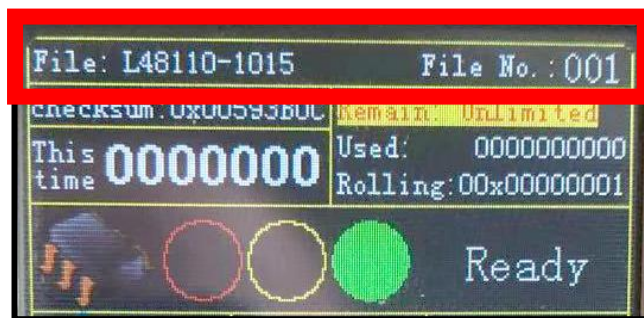
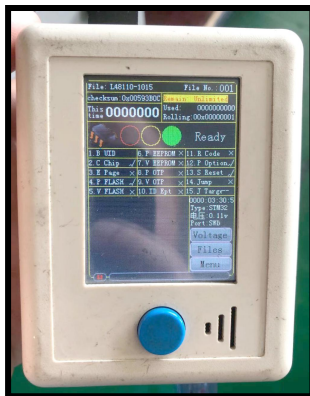
- File: L4860 (For 60Ah pack)
- File: L48110 (For 110Ah pack)
- File: L48130 (For 130Ah pack)
- File: L48165 (For 165Ah pack)



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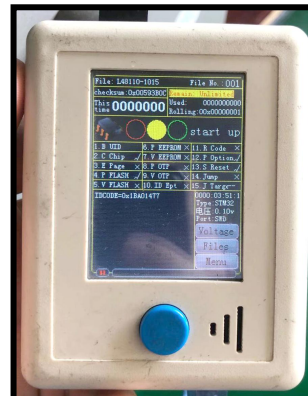
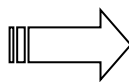
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- 1.7.2 Select the correct programming file which matches with the model of lithium battery that you are operating on.
- 1.7.3 After clicking the correct file, the programmer will return to programming interface. Check the file name on the top of programming interface to confirm whether the programming file is selected successfully.



1.8 Proceed the programming.

- 1.8.1 Press the blue round button on the BMS programmer to start up the programming process.



- 1.8.2 The programming process will finish around several seconds. You will hear a «di» sound and there will be showing « success » on the programming interface, and the red progress bar goes to the end.





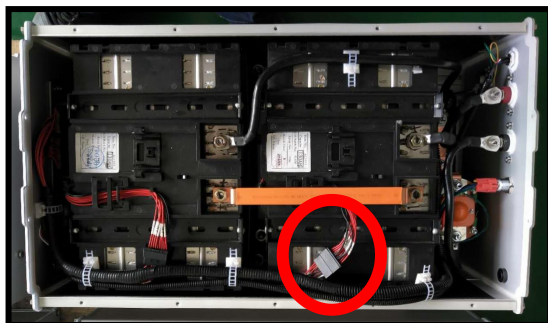
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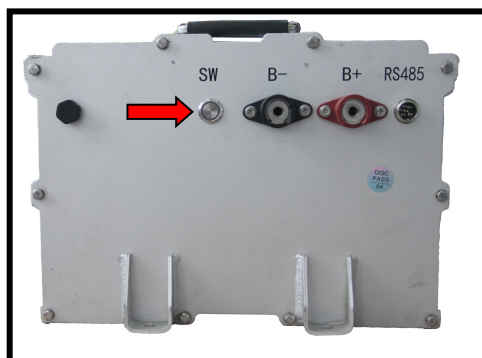
1.9 Remove the programmer plug from BMS port.



1.10 Unplug the lithium battery cell's connector A, wait 5 seconds and then plug it back.



1.11 Press the «SW» switch on the side wall of lithium battery pack.



1.12 Charge this lithium battery completely.