When I asked for the Daily Smart BMS manual, they sent me 4 files. I have combined 3 of them into this single file

The fourth file will be uploaded separately:

东莞市达锂电子有限公司

DONGGUAN DALY ELECTRONICS CO., LTD.

Smart BMS Manual

(CANbus、485、UART)

RS485 convertor

URAT to USB wire

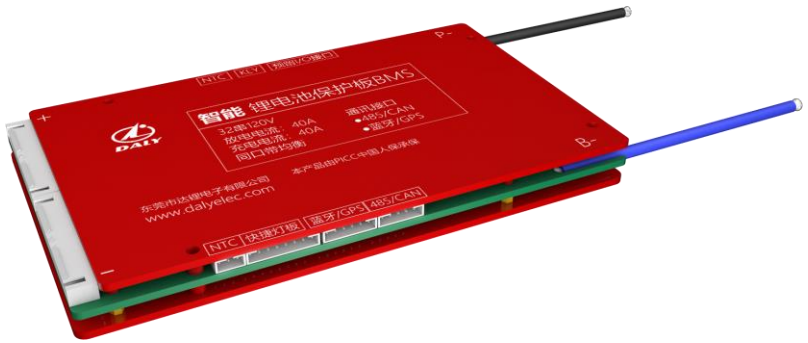
CANbus

NTC wire

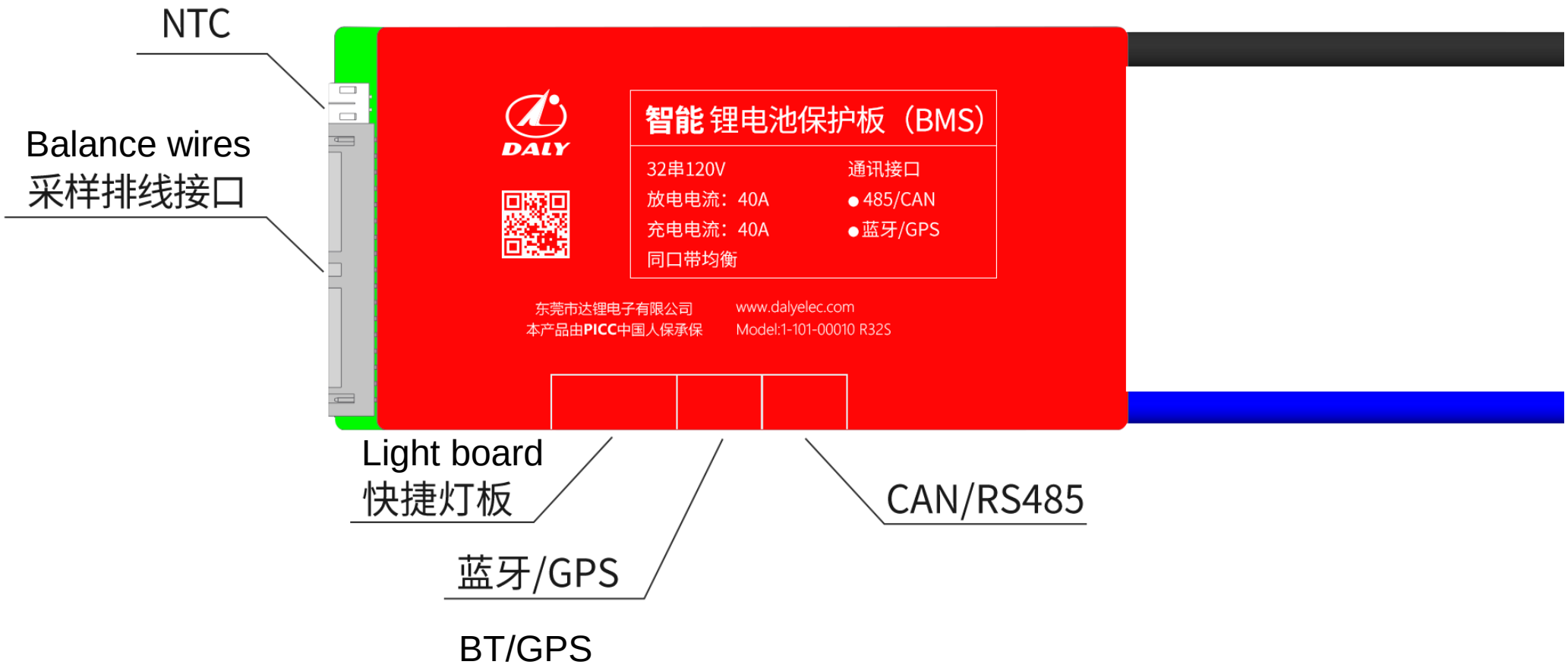
Light board

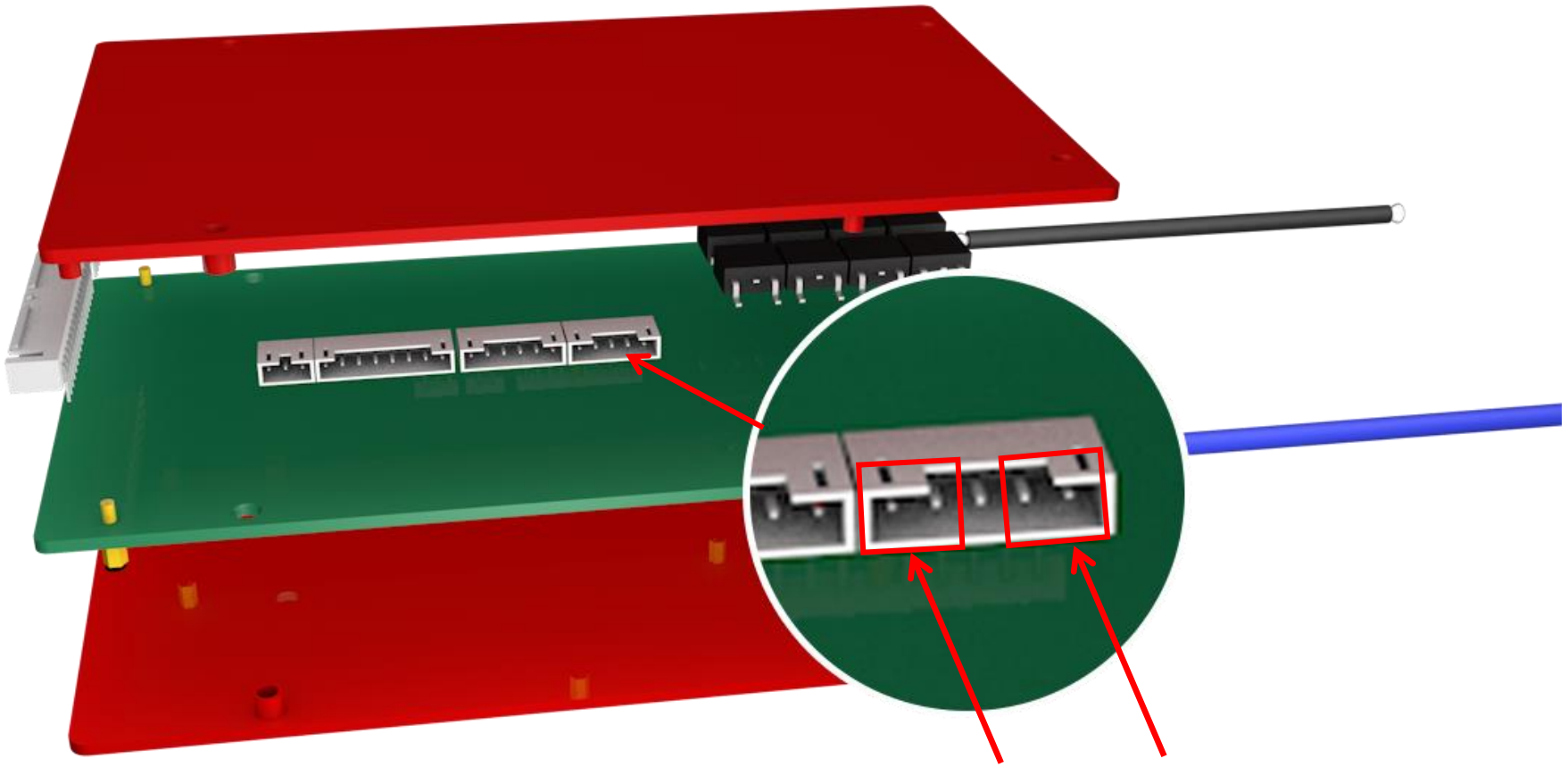
battery pack

PC



Smart BMS


NTC
Balance wires
采样排线接口
DALY
智能 锂电池保护板（BMS）
32串120V
放电电流：40A
充电电流：40A
同口带均衡
通讯接口
●485/CAN
●蓝牙/GPS
东莞市达锂电子有限公司
本产品由PICC中国人保承保
www.dalyelec.com
Model:1-101-00010 R32S
Light board
快捷灯板
蓝牙/GPS
BT/GPS
CAN/RS485



The left 2 pins are for CAN，The right 2 pins are for RS485

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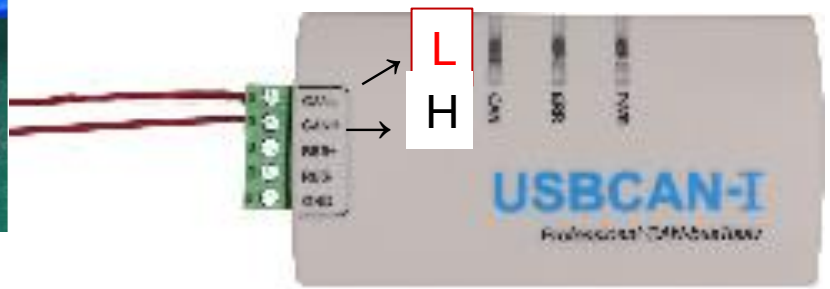


How to connect CANbus with BMS

1、Pls insert light board into BMS and switch on it to activate BMS at first. Then put off the light board.

2、Pls connect balance wires with batteries.

3、Pls connect CANbus、light board、balance wires、NTC wires with BMS；And connect CANbus with PC.

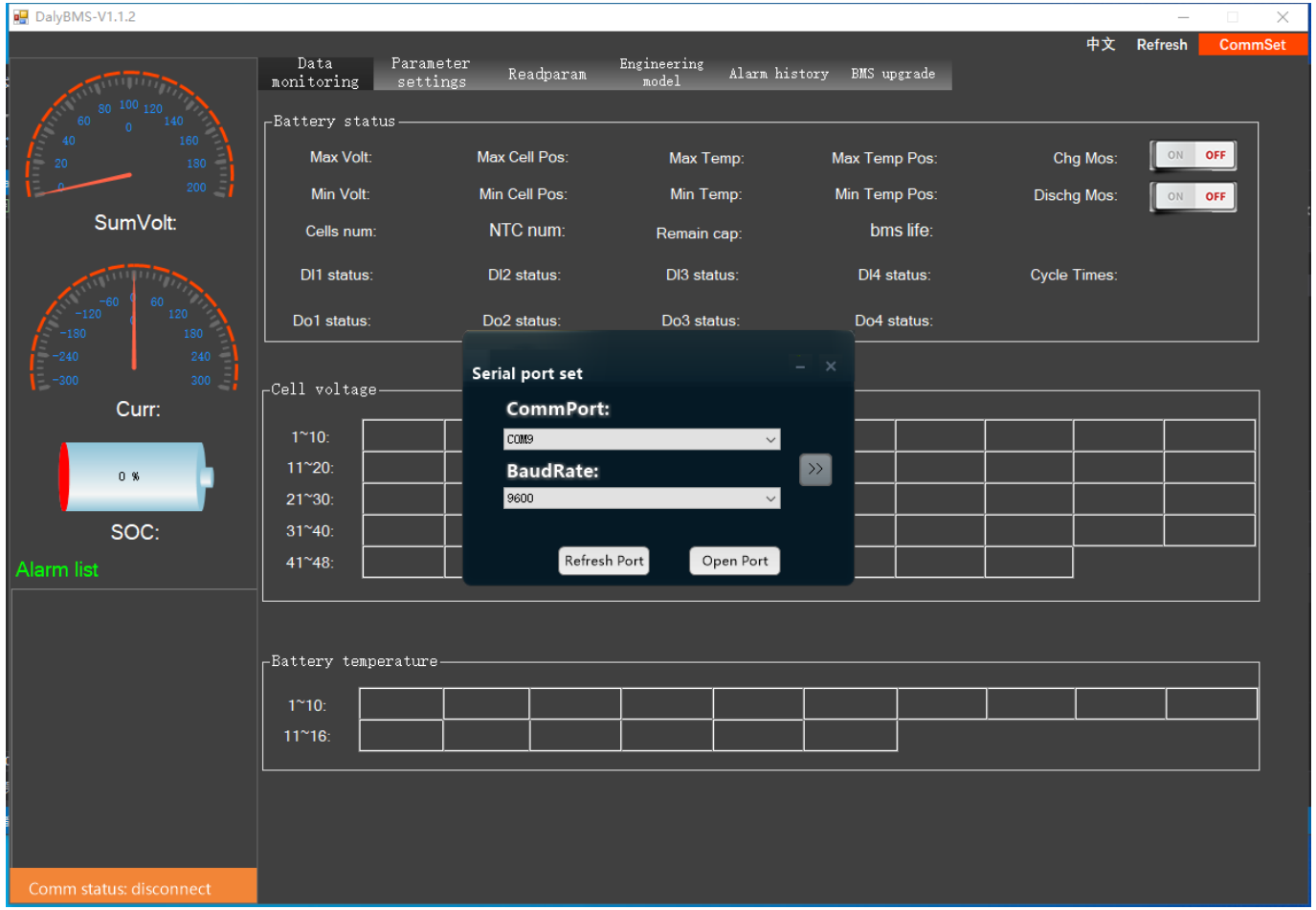
4、Pls open “DalyBMS” software on your PC;

How to connect CANbus with BMS

5、Pls shift the language into English；

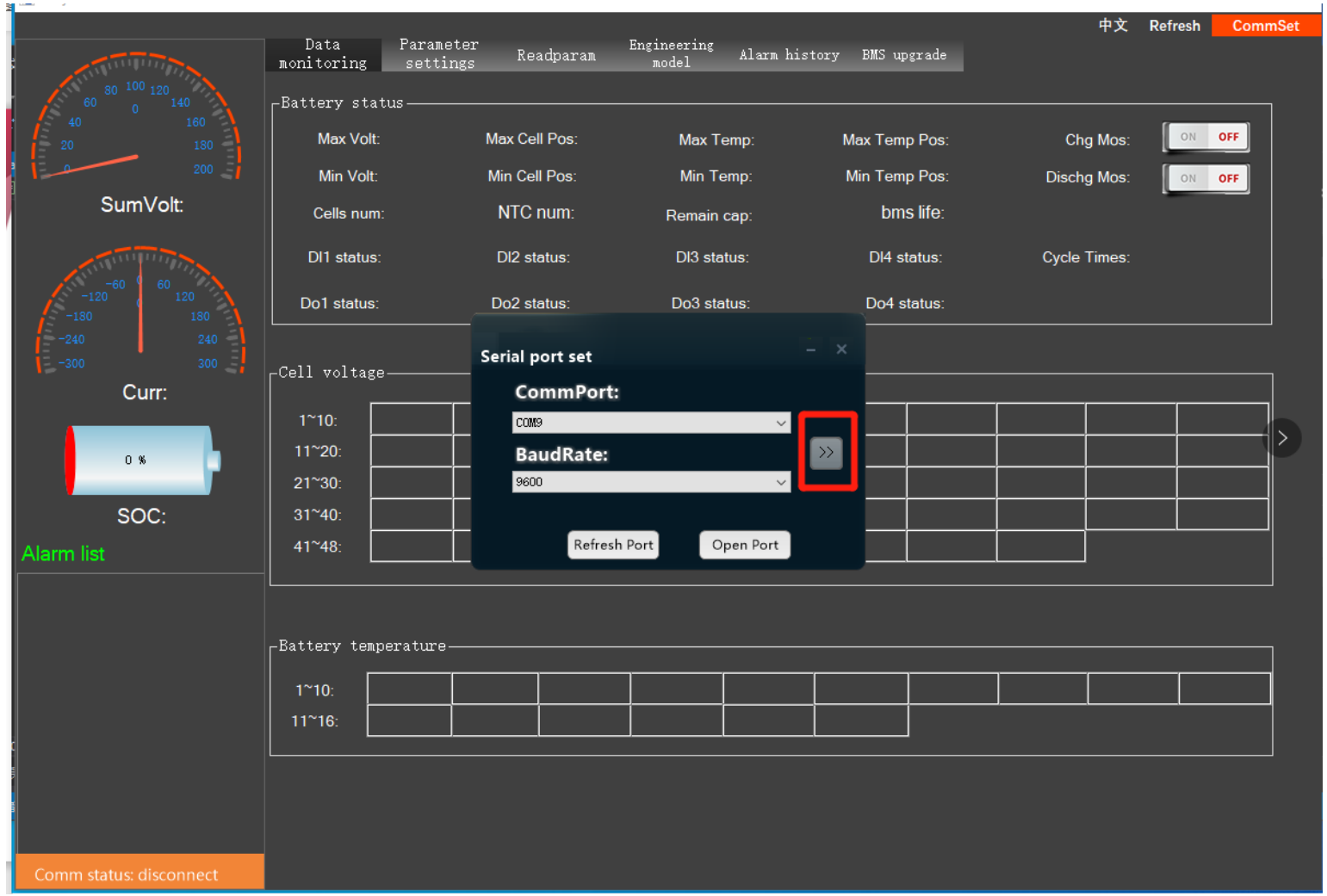
How to connect CANbus with BMS

6、 Pls click the set;



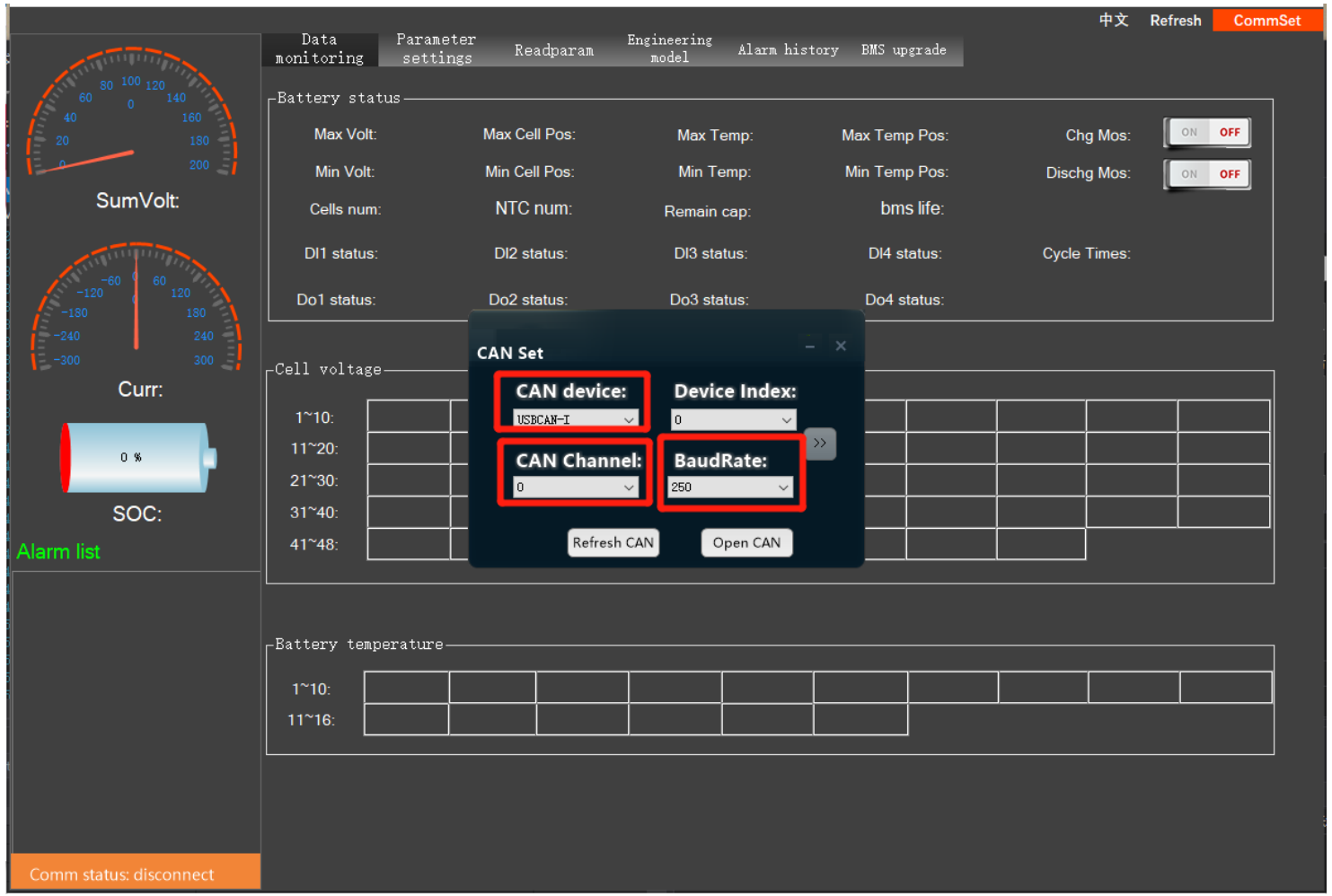
How to connect CANbus with BMS

7、Pls click “>>”；



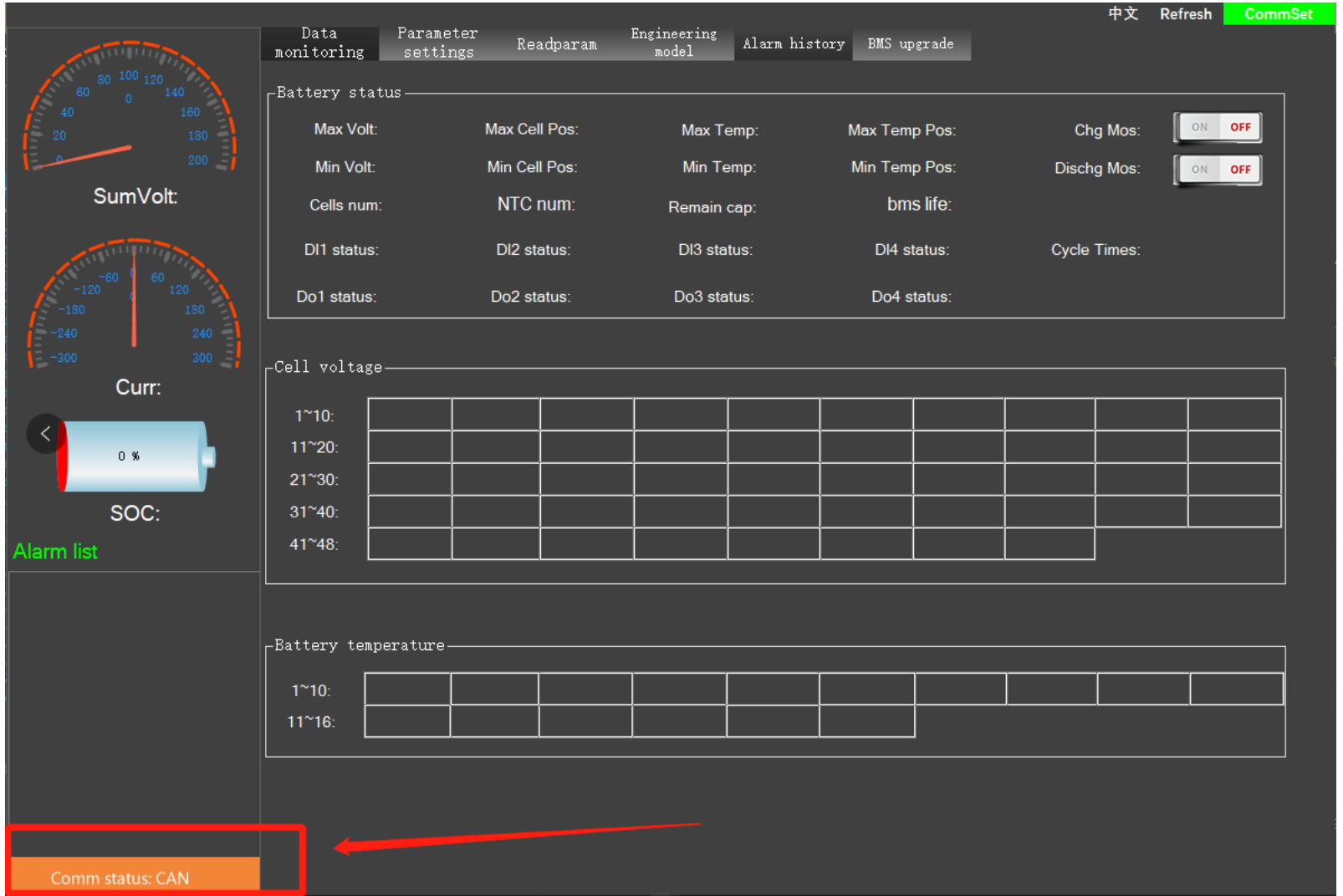
How to connect CANbus with BMS

8、Pls set “CAN device”、“CAN Channel”、“BaudRate”，then click “Open CAN”；



How to connect CANbus with BMS

9、Done,you can see the left corner shows: Comm status: CAN



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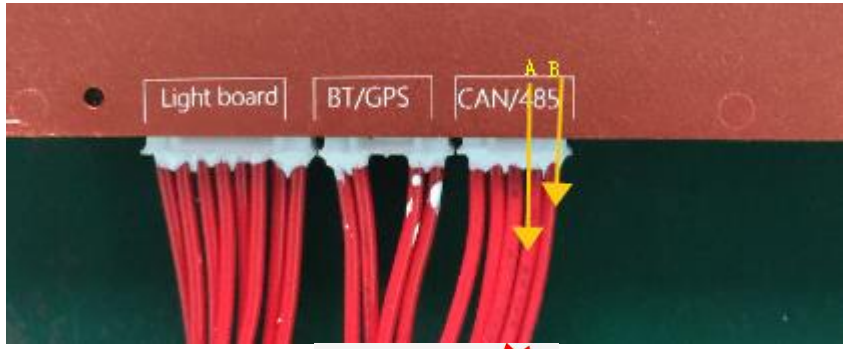
How to connect RS485 with BMS



How to connect RS485 modual with PC

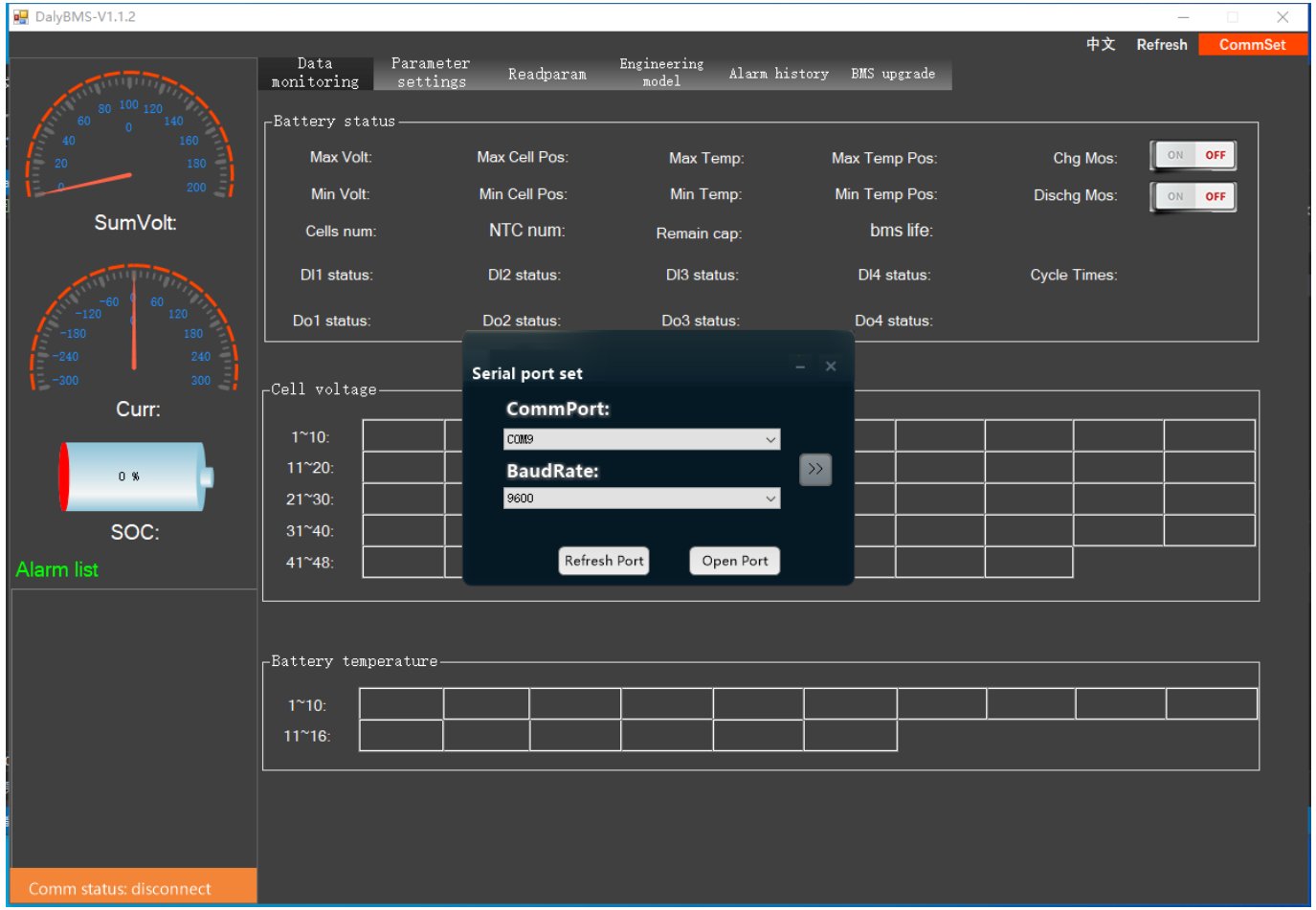
1、Pls insert light board into BMS and switch on it to activate BMS at first. Then put off the light board.
2、Pls connect balance wires with batteries.
3、Pls connect CANbus、light board、balance wires、NTC wires with BMS；And connect CANbus with PC.
4、Pls open “DalyBMS” software on your PC;

How to connect RS485 modual with PC

5、Pls shift language into English

How to connect RS485 modual with PC

6、Pls click the set



How to connect RS485 modual with PC

7、The system auto-identified the RS485，you only need to set Baudrate，select“9600”，then click“open”。

How to connect RS485 modual with PC

8、Done,you will see the left corner shows: comm status:RS485。

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UART convertor

How to connect UART with BMS

1、Pls insert light board into BMS and switch on it to activate BMS at first. Then put off the light board.

2、Pls connect balance wires with batteries.

3、Pls connect CANbus、light board、balance wires、NTC wires with BMS；And connect CANbus with PC.

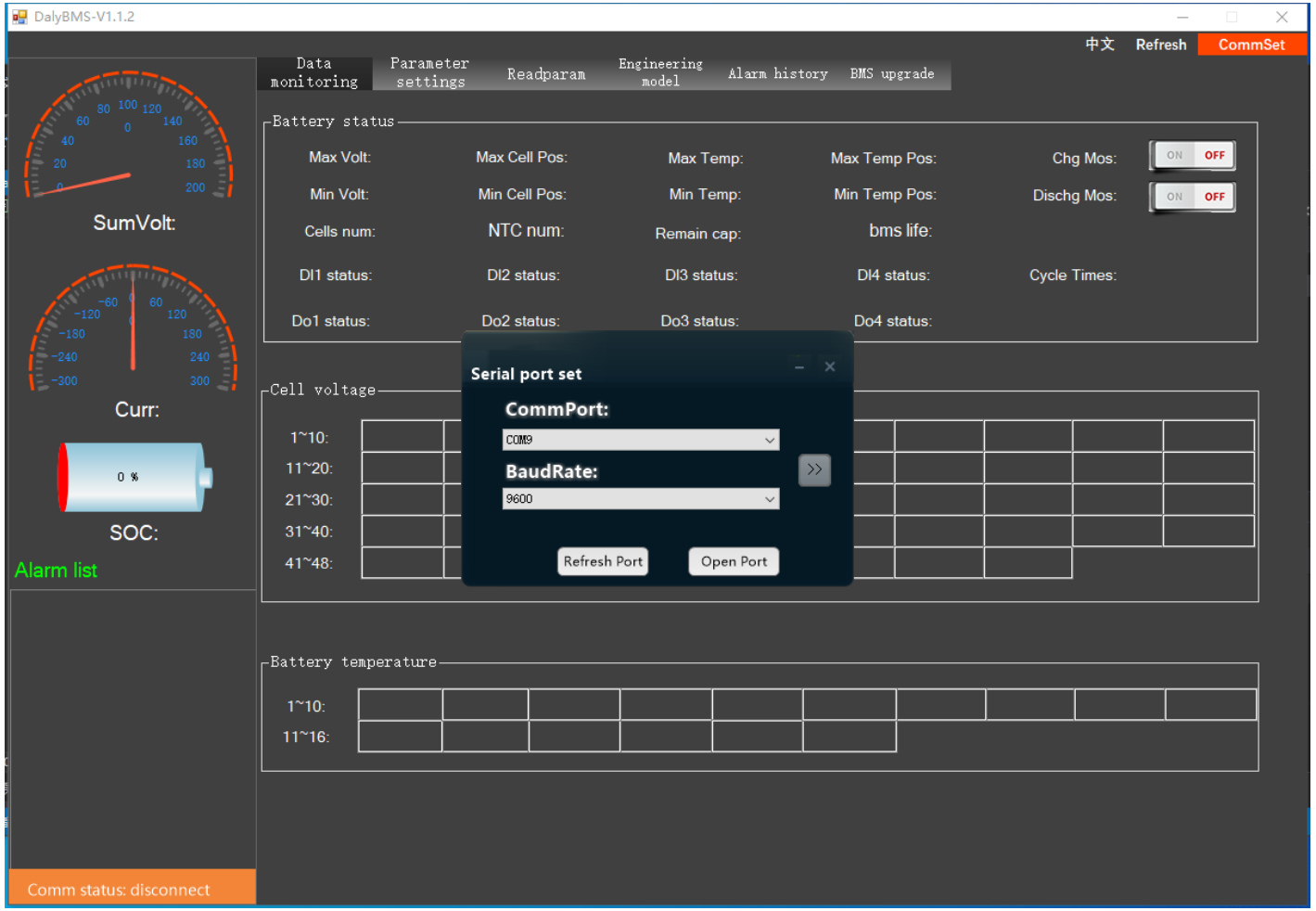
4、Pls open “DalyBMS” software on your PC；

How to connect UART with BMS

5、Pls shift language into English

How to connect UART with BMS

6、Pls click the set



How to connect UART with BMS

7、The PC has auto-identified the port，you only select”9600”for Baudrate，then click“Open”。

How to connect UART with BMS

8、Done,you can see the left corner shows” comm status:UART”。

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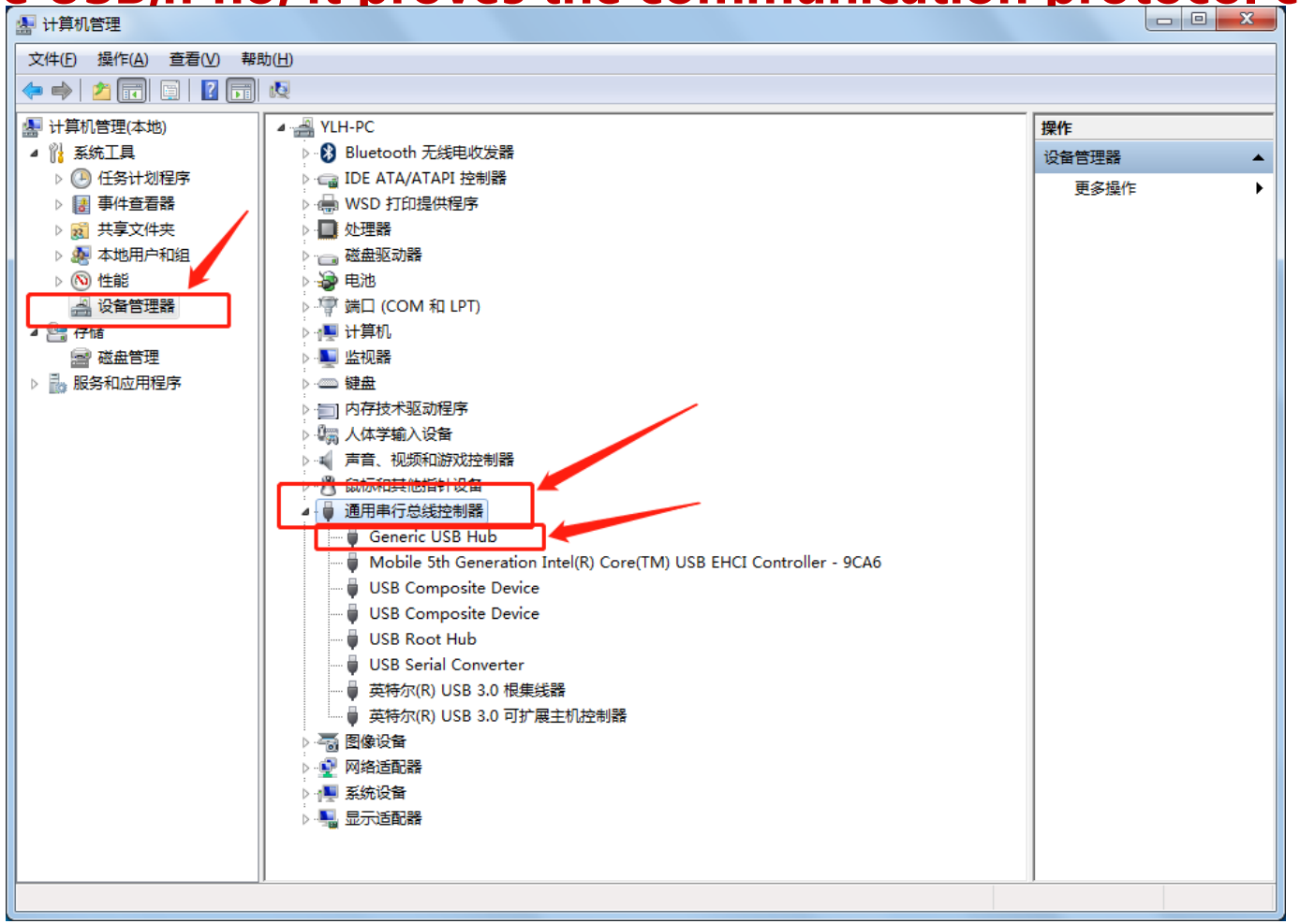
Failure checking

Failure checking

If the PC can't indentify the communication protocol,it will remind you

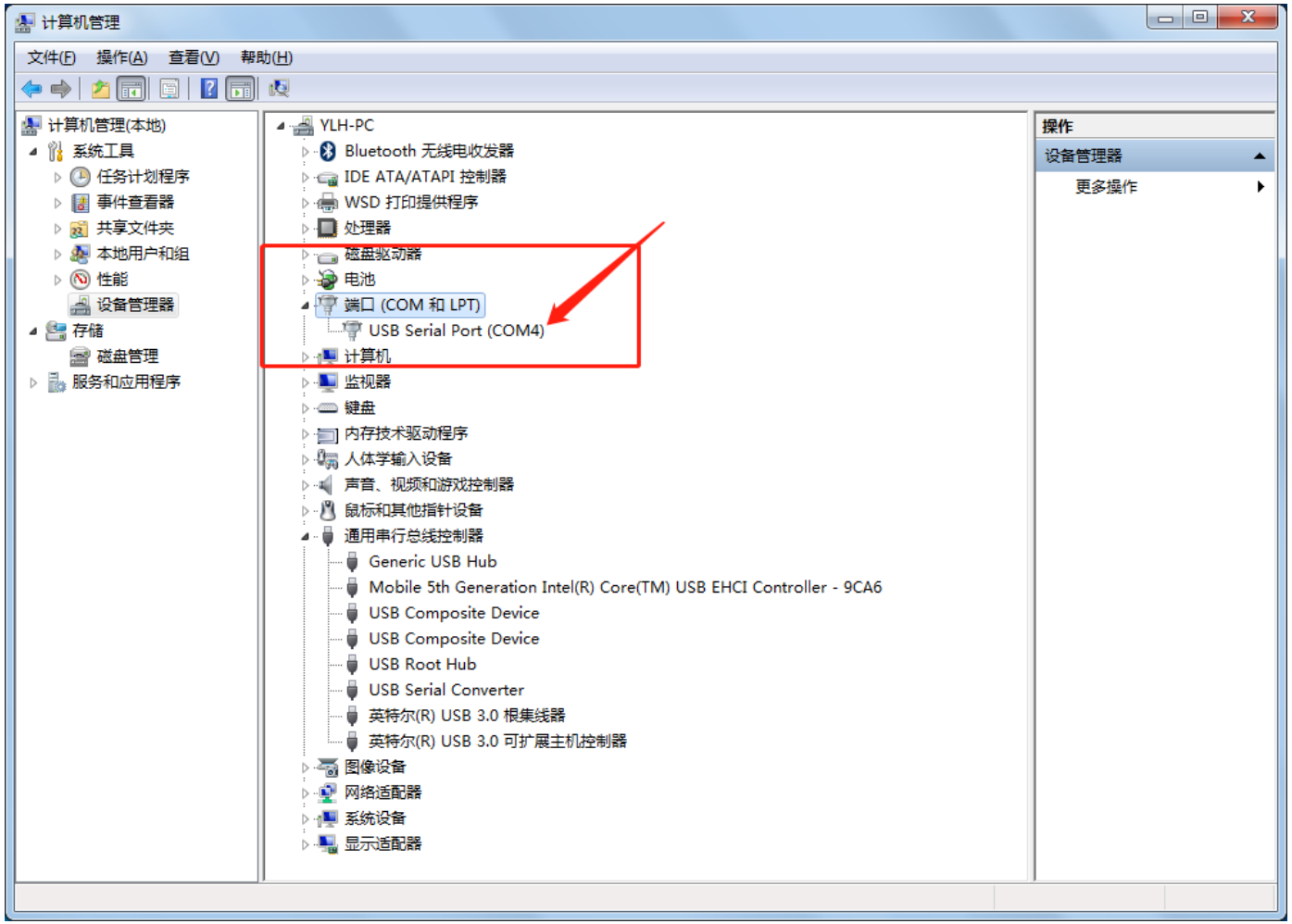
Failure checking

Pls find” my computer”， click right button of your mouse,select” manage”， double click，then click “device mangement”， then find the “USB controller” to check if have new more USB,if no, it proves the communication protocol connected failed。



Failure checking

Then you can find out “Port（COM和LPT）”，then click USB Serial Port to check if have COM port, if yes, it proves it was identified。



达锂电子
dalyBms

Thanks for your reading!

Upper computer Manual

上位机操作指南

01

Which points you should ask clients?

在设置上位机参数前需问客户以下问题

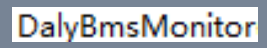
- What's kind of battery?
- 是什么类型的电池?
- How many seriers of battery pack?
- 电池包是多少串?
- What's the continous discharge current of battery?
- 电池的持续放电电流是多少?
- What's the capacity of battery?
- 电池的容量多少?

02

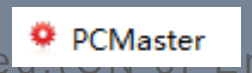
How to operate Upper PC?

如何操作上位机?

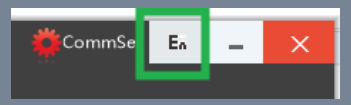
① Double click “DalyBmsMonitor”-



② Double click“PCMaster”-



③ Select the Language you need.(CN or Eng.)-



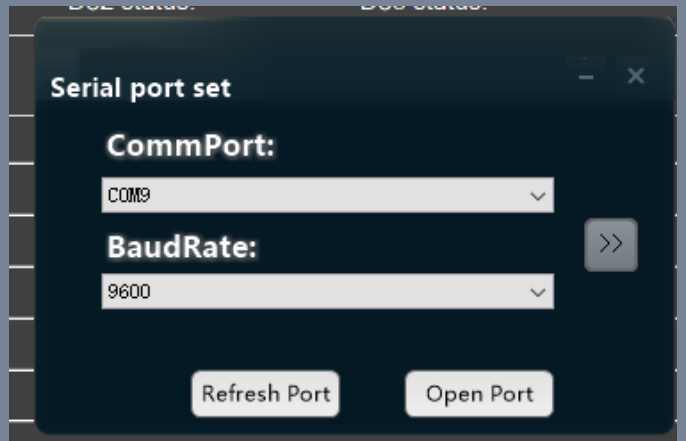
④ Set parameters-

⑤ Port:

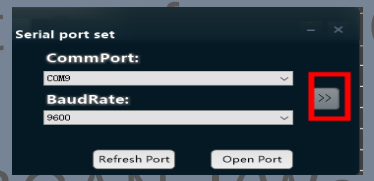
A.UART/485(port): It will be automatic identification,no need to select port options

BaudRate:9600

Then click“Open port”



B. CAN (port) Click here to t[illegible] CAN-

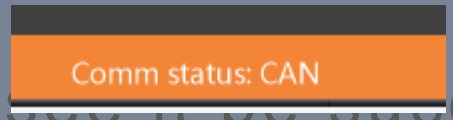


CAN device:Pls select USBCAN-I(We provided was this type)

CAN channel: Pls check carefully the description for CANbus, then to select correct one.

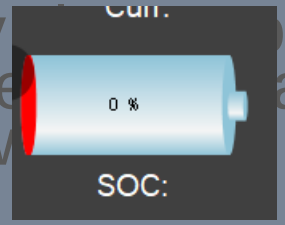
BaudRate: Select the correct options which you use.

Then click “Open CAN”,you can [illegible] success:



6. About other parameters we would set for you before you got them.

7. **SOC**: We set it as 50% for Original factory Settings. But it wasn't accurate v[illegible]u should charge batteries to 100% full.Then it can be [illegible]atic correction,you can see the correct value now.

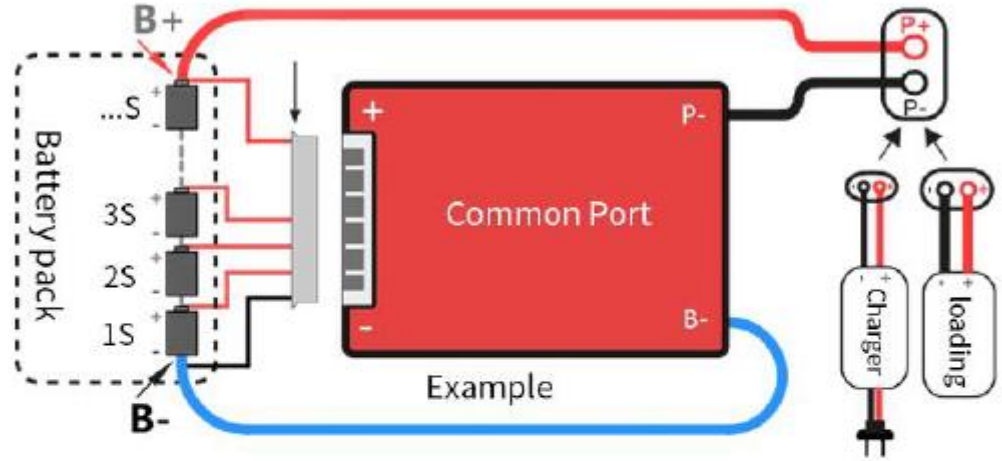


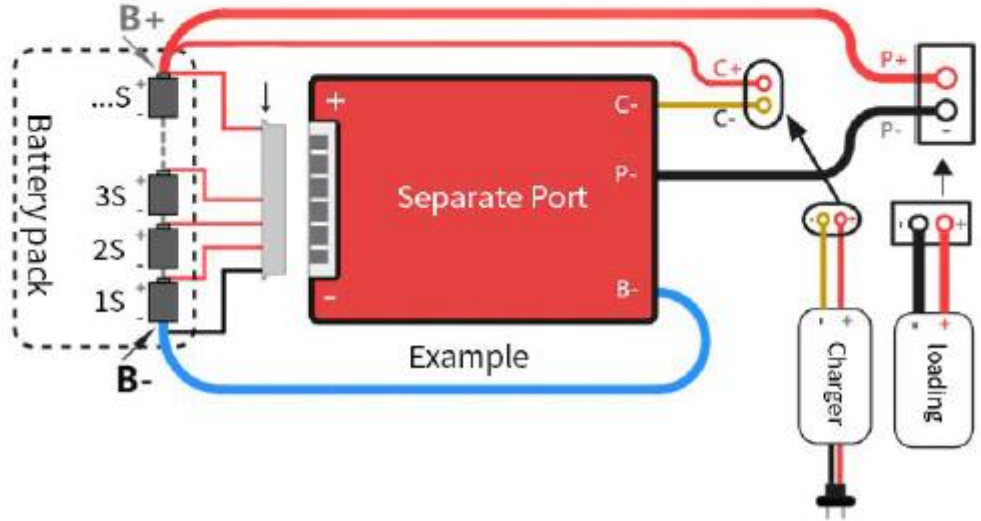
Thanks for your reading!

Step 1: pls connect each wire to each battery.

Pic1: common port connecting diagram

Pic2: separate port connecting diagram





Step2: turn on your Multi-meter. and turn to V(DC)

before you connecting BMS you should use Multi-meter to test the voltage if are all the same.

Step 3: if above step have no problem, pls insert balance wires into BMS.

Step4: pls turn your Multi-meter to Ω , put Multi-meter probe on BMS's P- and B- if shows 0 Ω it means everything is ok.

Below is Multi-meter picture for you reference.