

Product Description

18650 smart BMS 14S 48V 150A 200A 250A Bluetooth 485 to USB device CAN NTC UART software Li-ion Battery protection Board BMS

◆ Currently, all Smart BMS without the waterproof function.

◆ This link is for 14S 48V Li ion Battery. Please fill in the parameter after placing order to ensure SOC with right information.

◆ UART : It is Daly normal product. UART is Universal Asynchronous Receiver/Transmitter, It transforms the data to be transmitted between serial communication and parallel communication. As a chip to convert parallel input signals into serial output signals, UART is usually integrated into other communication interfaces.

◆ RS485: Please choose the model RS485 of Daly. RS-485 adopts balanced transmission and differential reception, so it has the ability to suppress common mode interference.

◆ Bluetooth module : if you need this function, Please choose bluetooth module, if you do not buy it, we will not send it to you.

◆ Below accessory need you to buy separately.

1.USB to UART Cable

2.USB to RS485 Cable

3. Bluetooth module

4.Power display panel (key activation)

5.BMS touch control screen 1. DL14S 48V Smart BMS 150A 200A 250A bms can be used to 14S Li ion or LiFePO4 or LTO battery pack. Customer can adjust the paramter of overcharge or overdischarge the parameter sitting & other parameter if customer need to use which type of battery for the same series battery. Attention: Customer need to identify the battery's series, then choose the same series BMS. Such as your battery is 24S, you must choose 24S BMS, can not choose 20 or other one. The number of series of BMS is fixed, not adjustable once the BMS is shipped out .

◆Control instructions: remote control device monitoring.

◆Vehicle icon: data transmission send command

◆Statistical report: Collect the data information, the customer can monitor the battery capacity & other alarm infomation.

◆Electronic fence: fence setting limit range.

◆Device information: device parameter information, etc. The information on your battery can be checked on your host computer, then you can monitor your battery status anytime. Which is easily control your device. Smart BMS make our life to become easy.



SUPERIOR BMS

Better than better

SMART BMS

14S 150A-250A

(风扇款)



CHOOSE WHATEVER YOU WANT

PC connection tool



USB-UART
<<<



USB-RS485
<<<



USB-CAN
<<<

Connection tool



Bluetooth
module
<<<



Power display
board
<<<



BMS touch control screen

GPS



cube GPS
<<<



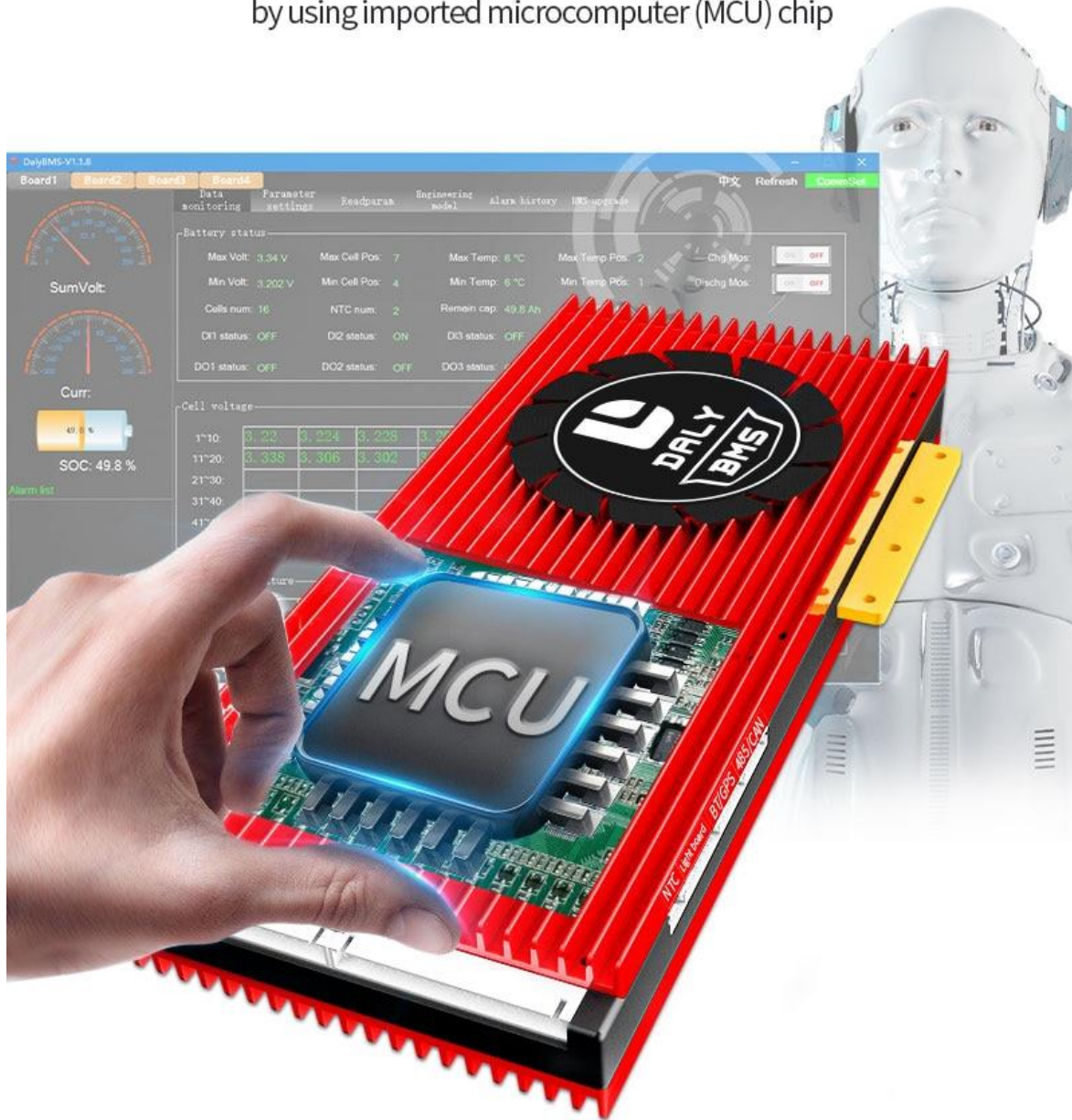
handle GPS
<<<

200A-250A ▼



“SMALL CHIP MAKES A BIG DIFFERENCE”

Independent R&D program are more controllable
by using imported microcomputer (MCU) chip



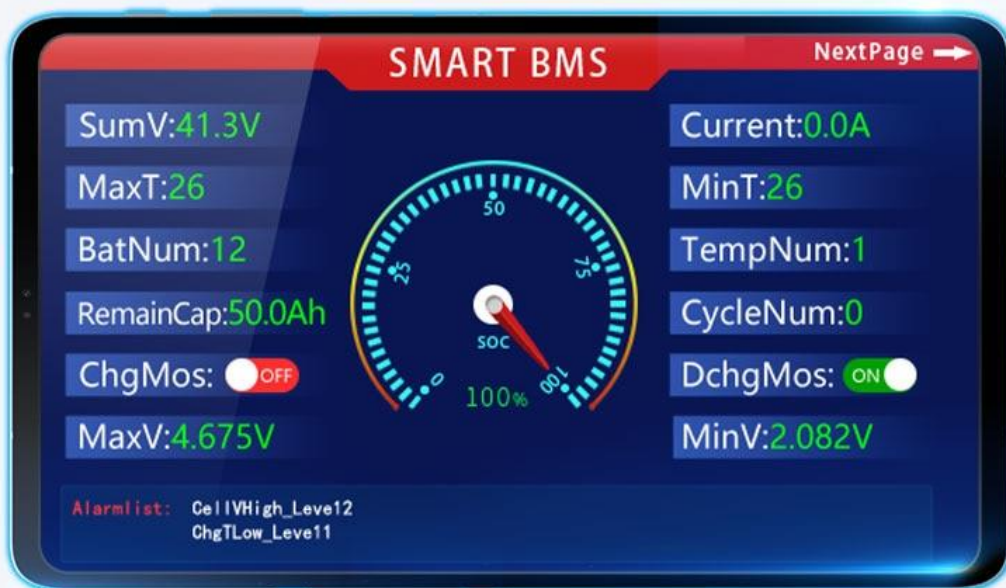
FULL INTELLIGENT FUNCTION



01: NTC 02: Power board 03: BT/GPS 04: RS485

INTELLIGENT CONTROL ACCURATE DATA

Monitor the battery status in real time base by checking the battery capacity and observing the voltage of each string in real time





REAL-TIME POSITIONING REMOTE POWER OFF REMOTE SOFTWARE UPGRADE

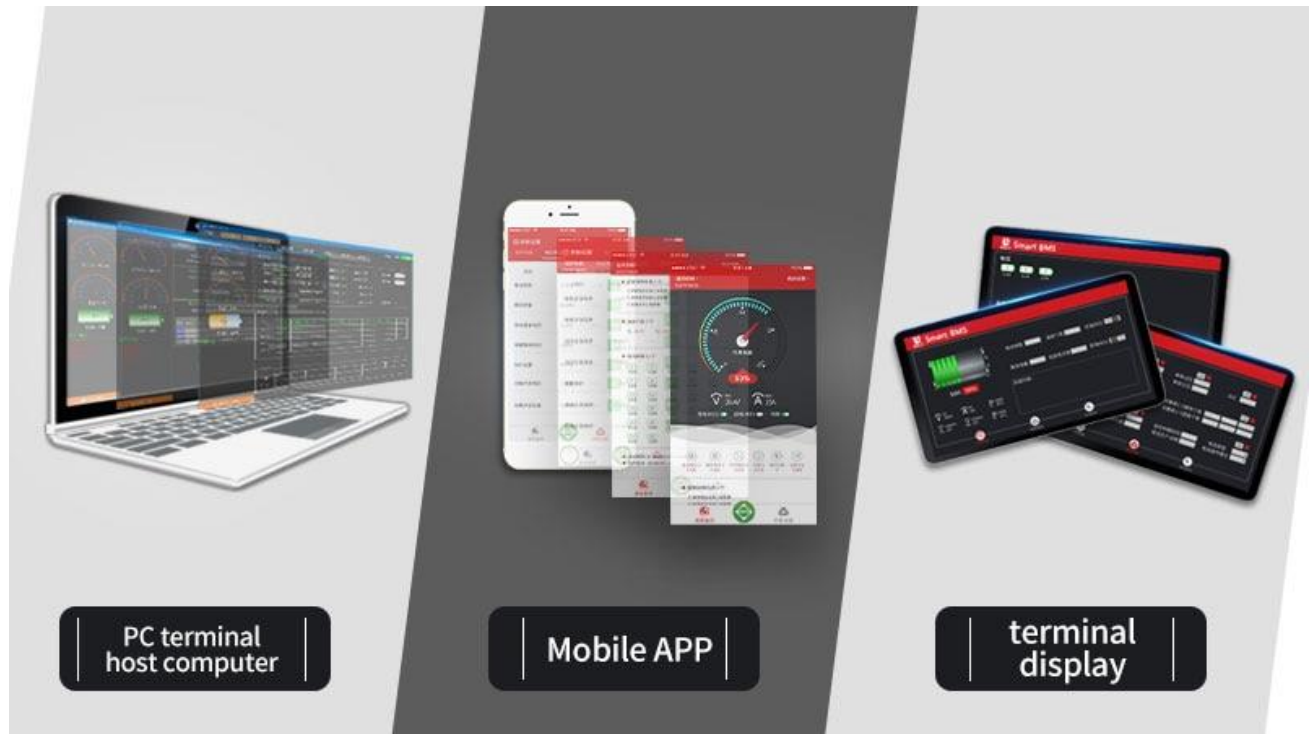


SMART AND POWERFUL BMS

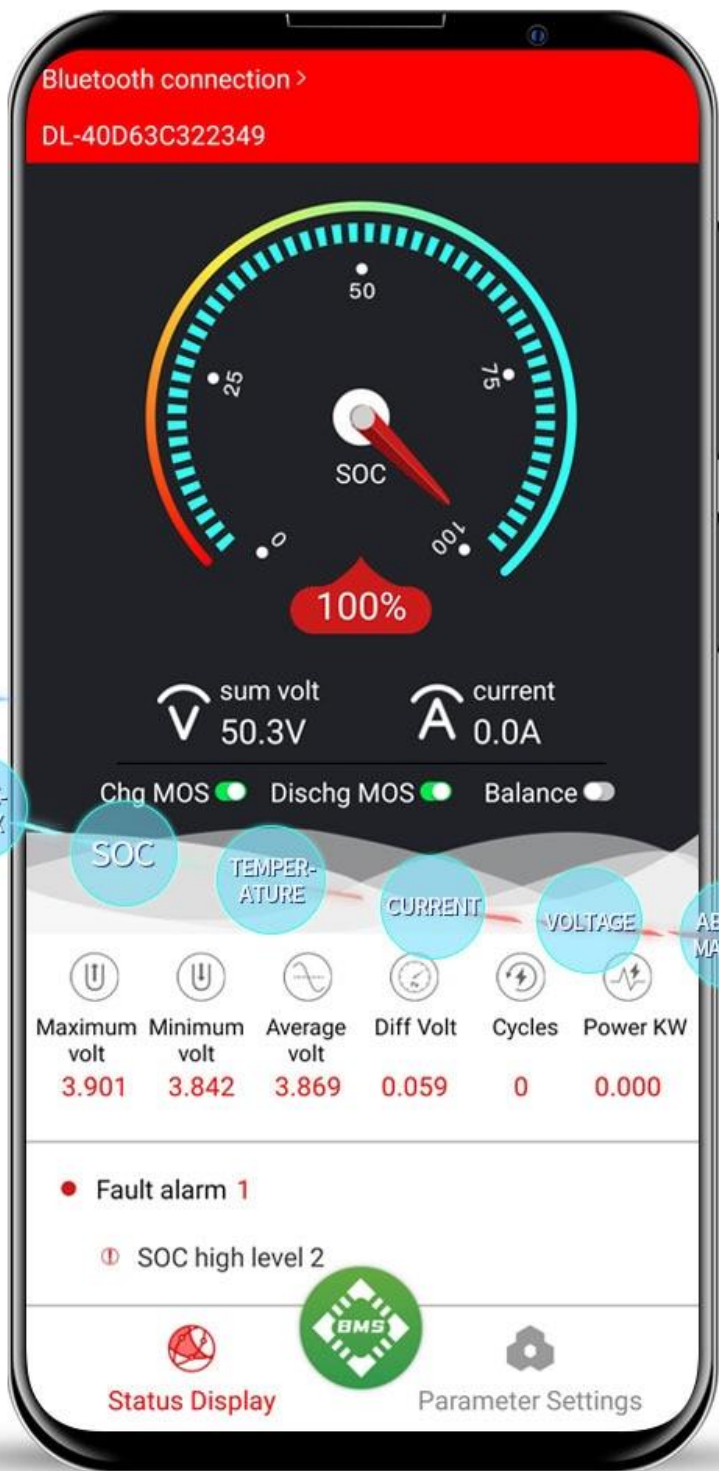
Three serial communication synchronous transmission



MULTI-SCREEN DISPLAY SWITCH PER YOUR PREFERENCE



BATTERY STATUS REAL-TIME DEMOSTRATE



TOTAL
VOLTAGE

CURRENT

SOC

...



BATTERY
STATUS

MONOMER
VOLTAGE

...



TOTAL
VOLTAGE

CURRENT

SOC

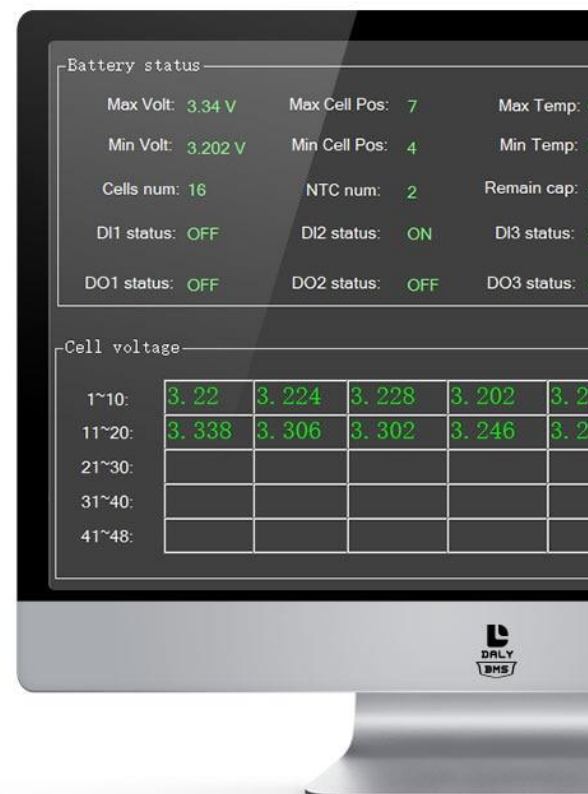
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BATTERY
STATUS

MONOMER
VOLTAGE

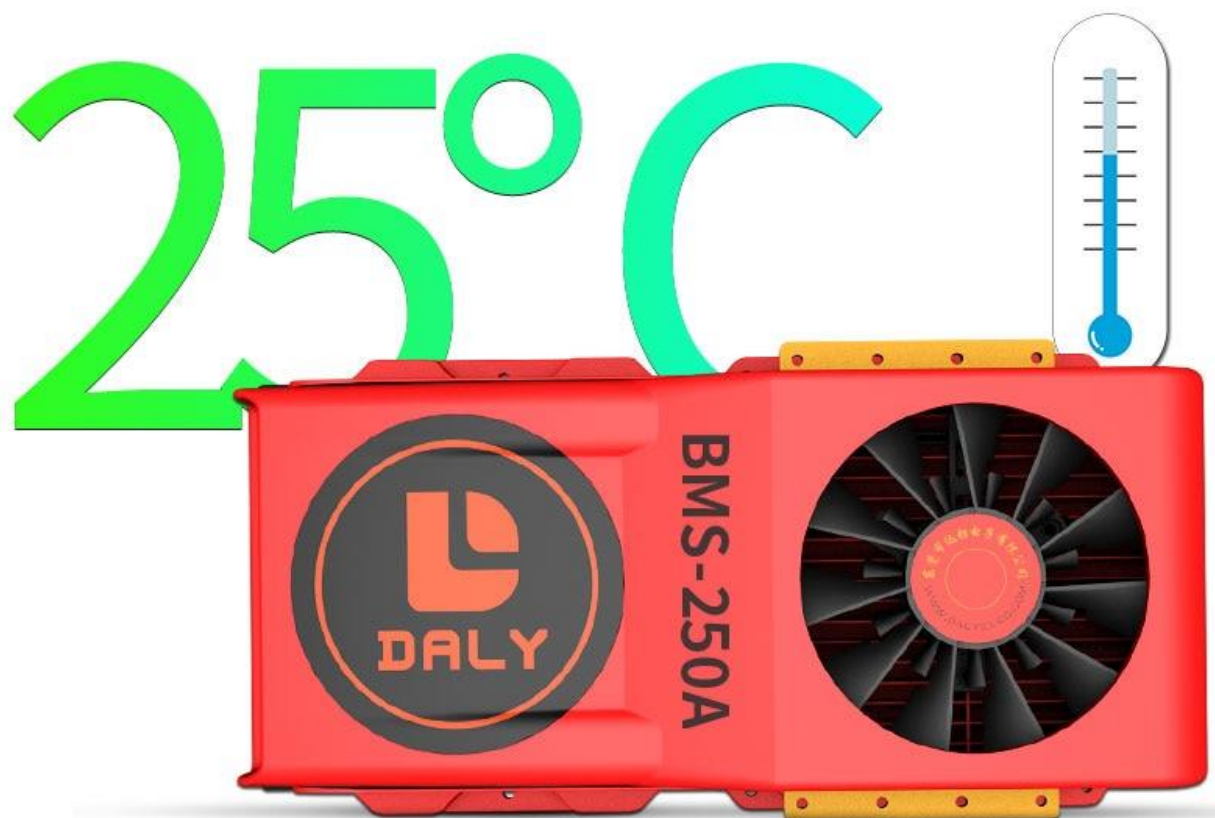
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INTELLIGENT AND UNINTERRUPTED INTERACTION



LOWER TEMPERATURE RISE OF BMS



*The measured data are affected by external factors and will be subjected to actual data

DALY BMS WIRE DIAGRAM

You will know more with picture

DALY BMS WIRE DIAGRAM FOR COMMON PORT



★ I 、 Pls do not insert balance wires into BMS before connecting batteries, must make sure connecting with batteries correct.

★ II 、 The order of connecting wires for BMS

Notes: Pls ensure to use balancing wires from Daly!

- 1、 From thin black balance wire to start, the 2nd wire(thin red wire) connect with the 1st battery's positive pole. Then connect each cell's positive pole in order until the last one B+;
- 2、 Do not insert the connector directly after the wires were connected. Measure the voltage between two adjacent metal terminals on the back of the connector. If it is Li-ion battery, the voltage should be between 3.0 ~ 4.2V, Lifepo4 battery should be between 2.0 ~ 3.6V, and LTO battery should be between 1.5 ~ 2.75V;
- 3、 After the wiring sequence and voltage are confirmed to be correct, then insert into BMS;
- 4、 Adjust the multimeter to the buzzer position and measure the internal resistance between B - and P - when the internal resistance is 0, there will be a beep, which means that the BMS is good. Otherwise, do not weld the bms with battery. Pls contact with our customer severice for support.
- 5、 The last step to connect B-(thick blue wire) with battery pack's total negative pole.

★ III 、 After wire connection:

Measure whether the B + and B-voltage and B + and P-voltage of the battery are equal, If yes, it means the BMS works normally and can be used. If not, please recheck according to the above wiring sequence.

★ IV 、 If you have any other questions, pls contact our customers severice for us support.