

· 常见串数接线示意图 ·

· Wiring Diagram ·

电池组接线注意事项:

1. 请留意保护板B-与P-的位置, 并严格按照B-接电池负极 P-接负载或充电器负极进行接线。
2. 在焊接排线时, 请确保排线焊接顺序正确后再插上保护板。
(错线保护仅限于接错线间隔6串以内, 超出6串会导致保护板损坏)。
3. 上电顺序: ①安装B-②插上采集排线③接上B+排线④安装P-。
4. 下电顺序: ①移除B+排线②移除采集排线③移除P-④移除B-。
5. NTC线优先插入NTC-1或者NTC-A 端口。
6. 根据电池组的串数把相应的采样线焊接到电池组上, 其他多余的采样线用绝缘胶单独封起来即可。比如买了8-17S 保护板用于10S电池组, 可以把剩下7根采样线用绝缘胶封起来即可。请严格按照接线顺序操作, 如接线先后顺序接反, 会导致保护板损坏。

电池组并联时注意事项:

1. 并联锂电池组时要确保电池组电压一致, 各组电池组, 总电压差 < 1V, 防止不同电池组并联时, 高压电池组向低压电池组大电流充电, 触发BMS短路保护功能。
2. 并联锂电池组时在蓝牙APP控制中心界面手动断开放电MOS再并联, 防止电池组并联时打火。

BMS应用环境:

1. 确保接线的准确性。
2. BMS采集线束、B+线束、B-与P-线束须固定牢靠, 防止振动等环境因素影响连接可靠性。
3. BMS使用工作温度: -40°C ~ 85°C。
4. 注意防水、防潮、绝缘。
5. 电池组, 总正或总负与外壳绝缘电阻 ≥ 10MΩ。

Battery pack wiring precautions:

1. Please pay attention to the position of B- and P- of the BMS, and connect the wires in strict accordance with B- to the negative terminal of the battery and P- to the negative terminal of the load or charger.
2. When soldering the wires, please make sure the wires are soldered in the correct order before plug into the BMS. (Miswiring protection is limited to 6 strings of miswiring interval, more than 6 strings will damage the BMS.)
3. Power-on sequence: ① install B- ② insert the collection line ③ connect the B+ line ④ install P- ① install the B+ line ④ install the P- line
4. Power-off sequence: ①remove B+ cable ②remove collection cable ③remove P- ④ remove B-.
5. NTC cable need to plug into NTC-1 or NTC-A port first.
6. Weld the sampling cables to the battery pack spec and seal the other excess sampling lines with insulation tape. For example, if you buy an 8-17S bms for the 10S battery pack, you can just seal the remaining 7 blue sampling cable with insulation tape. Please follow the wiring sequence strictly, if the wiring sequence is reversed, it will lead to the damage of the BMS.

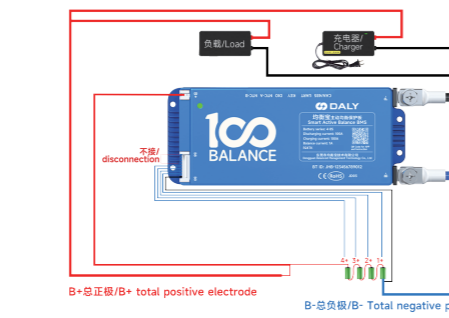
Battery pack parallel connection precautions:

1. parallel connection of lithium battery packs to ensure that the battery pack voltage is the same, each group of battery packs, the total pressure difference < 1V, to prevent the parallel connection of different battery packs, the high voltage battery pack to the low voltage battery pack high-current charging, triggering the BMS short-circuit protection function.
2. When paralleling lithium battery packs, manually disconnect the discharging MOS in the Bluetooth APP control center interface and then paralleling, preventing the battery packs from firing when paralleling.

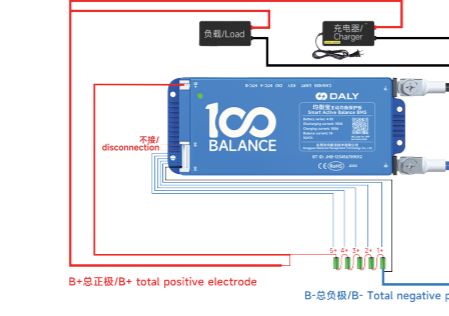
BMS application environment:

1. Ensure the accuracy of wiring.
2. BMS collection harness, B + harness, B- and P- harness must be fixed firmly to prevent vibration and other environmental factors affect the reliability of the connection.
3. BMS use working temperature: -40°C ~ 85°C.
4. Attention to waterproof, moisture-proof, insulation.
5. battery pack, total positive or negative and shell insulation resistance ≥ 10MΩ.

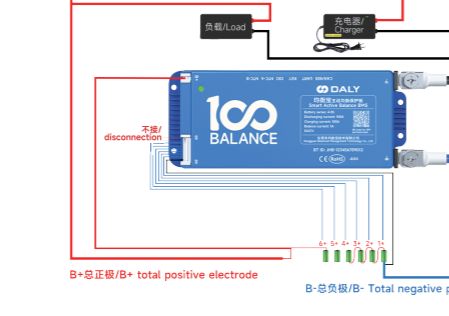
(4串接线示意图) (4S wiring diagram)



(5串接线示意图) (5S wiring diagram)

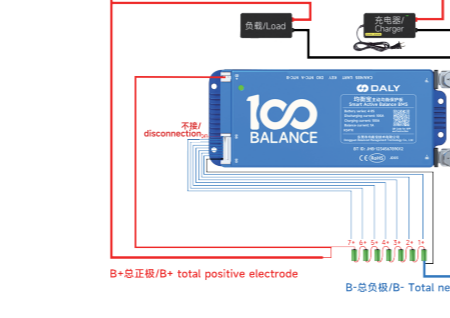


(6串接线示意图) (6S wiring diagram)

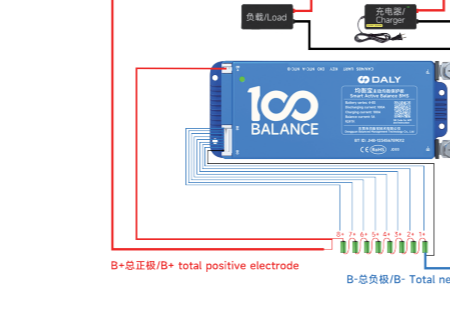


注: B+线是必接的
Remark: It's mandatory to connect B+ cable of BMS to battery B+ (total positive electrode).

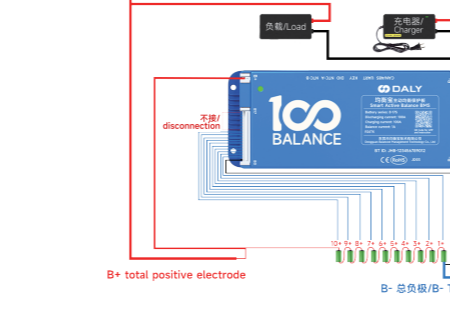
(7串接线示意图) (7S wiring diagram)



(8串接线示意图) (8S wiring diagram)

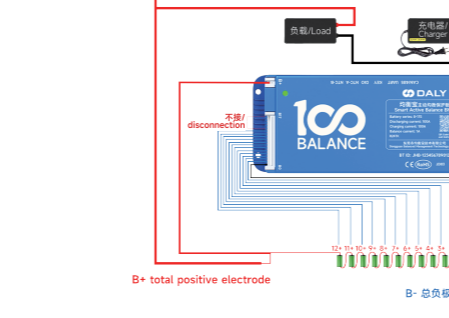


(10串接线示意图) (10S wiring diagram)

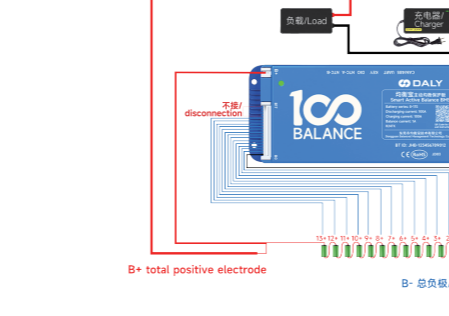


注: B+线是必接的
Remark: It's mandatory to connect B+ cable of BMS to battery B+ (total positive electrode).

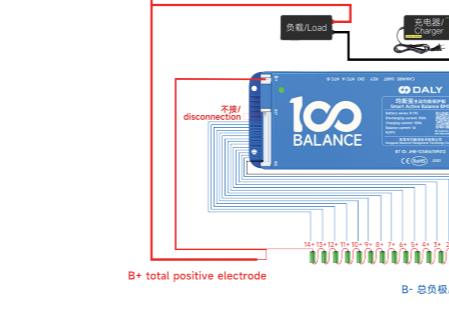
(12串接线示意图) (12S wiring diagram)



(13串接线示意图) (13S wiring diagram)

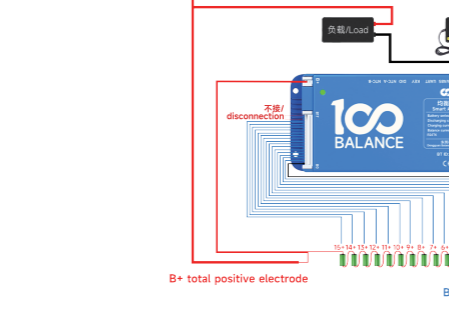


(14串接线示意图) (14S wiring diagram)

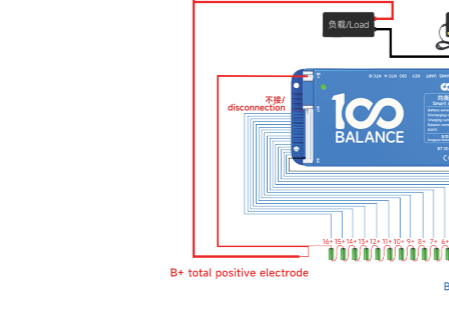


注: B+线是必接的
Remark: It's mandatory to connect B+ cable of BMS to battery B+ (total positive electrode).

(15串接线示意图) (15S wiring diagram)



(16串接线示意图) (16S wiring diagram)

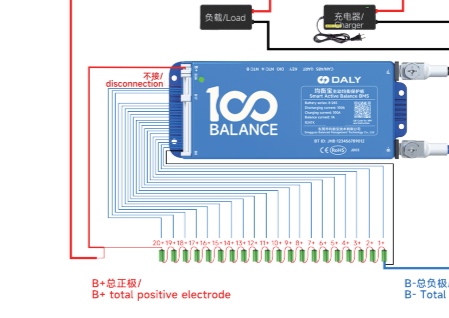


(17串接线示意图) (17S wiring diagram)

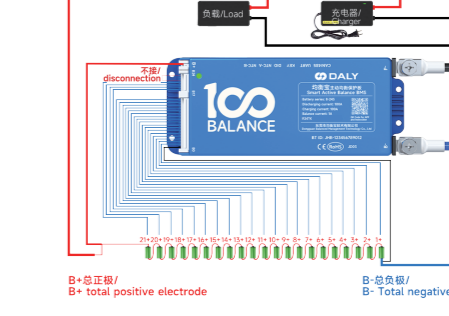


注: B+线是必接的
Remark: It's mandatory to connect B+ cable of BMS to battery B+ (total positive electrode).

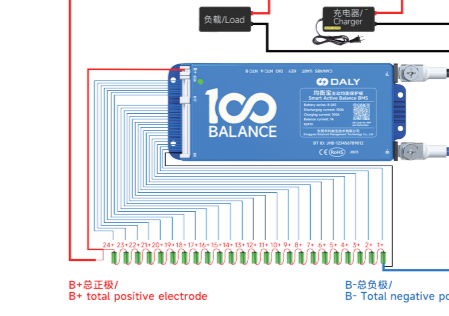
(20串接线示意图) (20S wiring diagram)



(21串接线示意图) (21S wiring diagram)



(24串接线示意图) (24S wiring diagram)



注: B+线是必接的
Remark: It's mandatory to connect B+ cable of BMS to battery B+ (total positive electrode).



产品图片仅作参考, 以购买的实物为准。
Product pictures are for reference only. Subject to the actual product purchased.