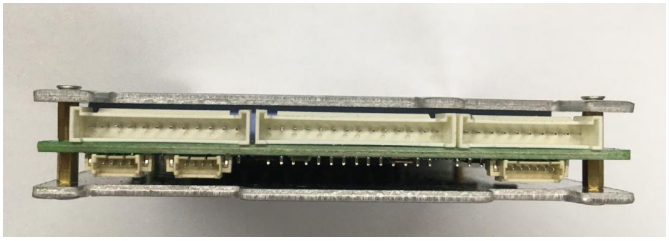
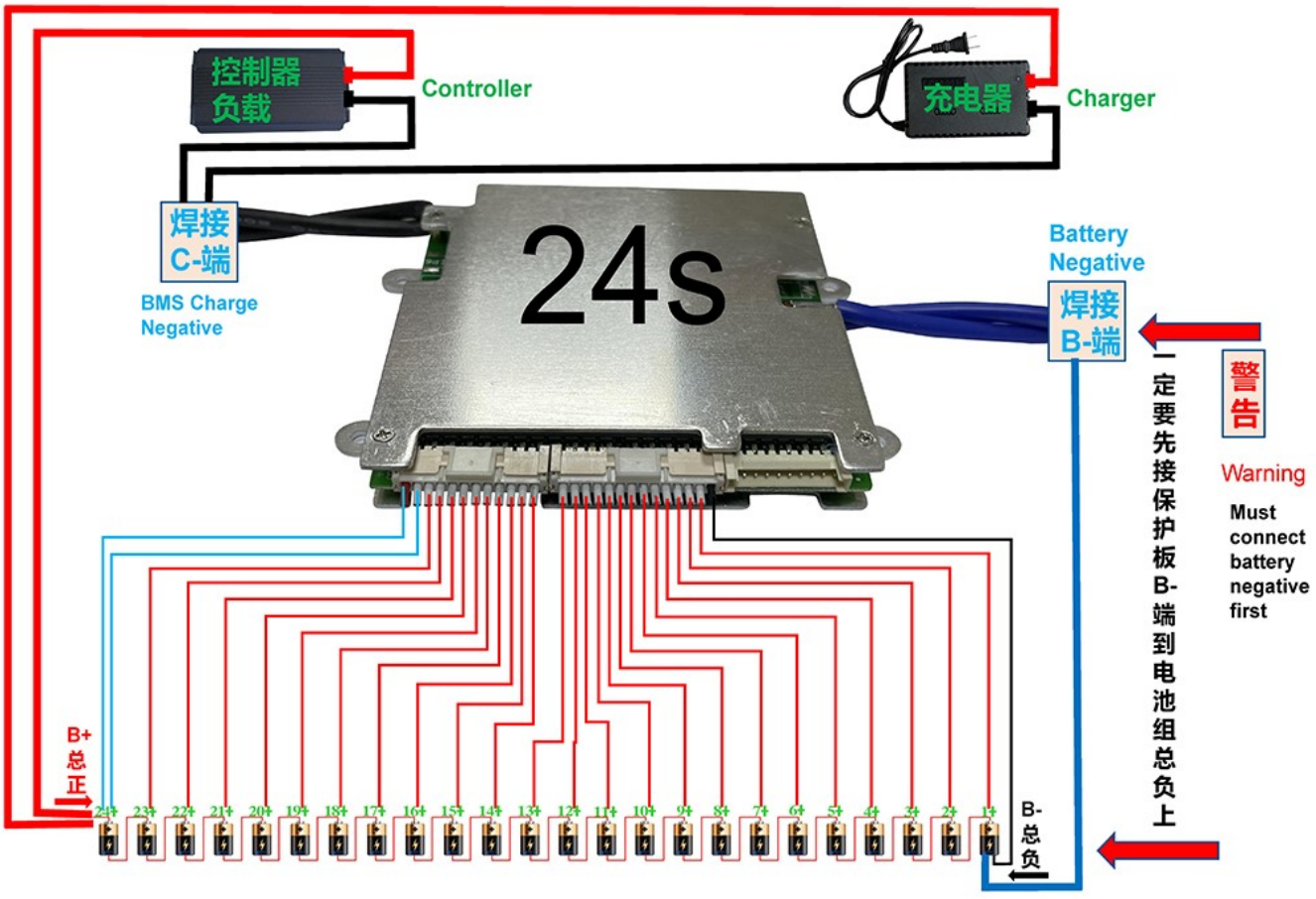
Wiring diagram

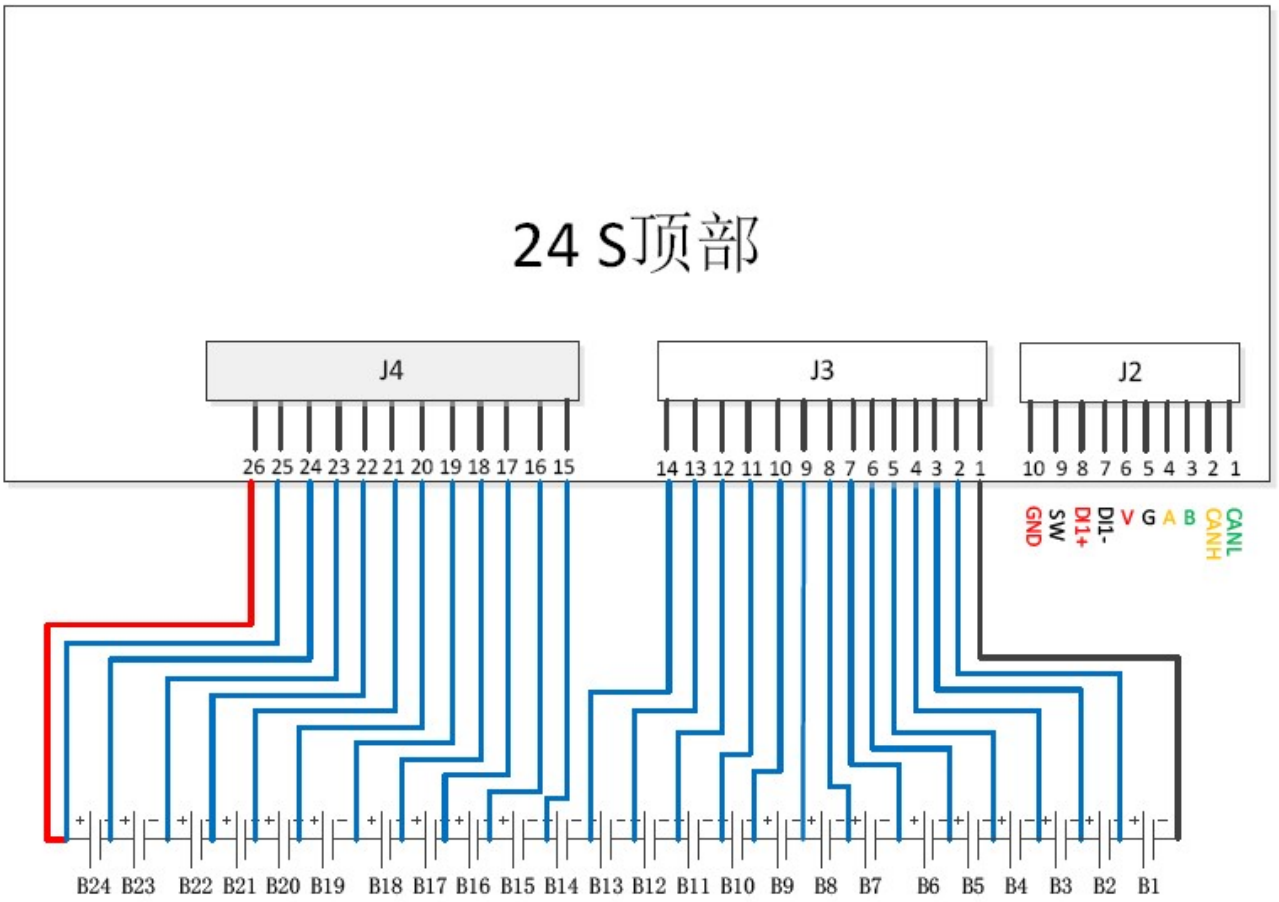




Interface definition

J5 and J6 for temperature sensor

J1 for switch (on/ off switch), use GND and SW signal.



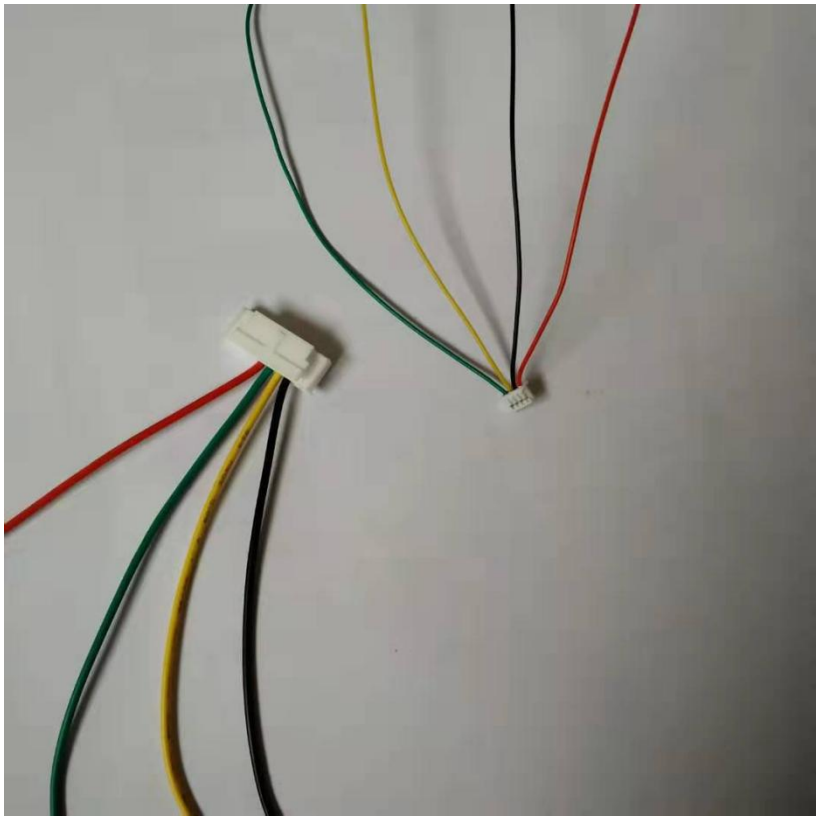
J2: Signal definition depends on version

UART version: V(VCC), G(GND), A(TX), B(RX)

RS485 version: A , B

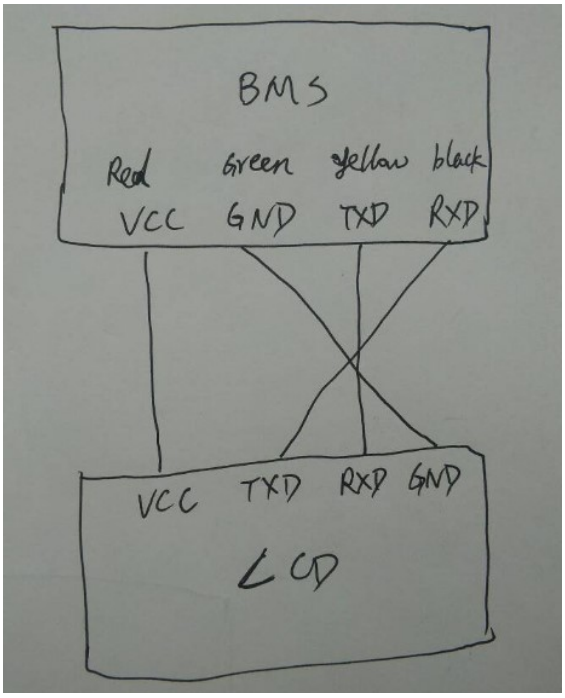
CAN version: CANH, CANL

LCD introduction (UART version)

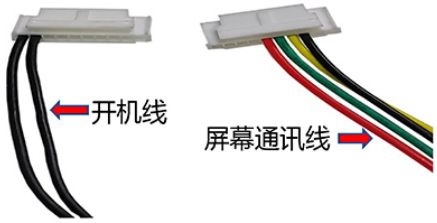


same color,

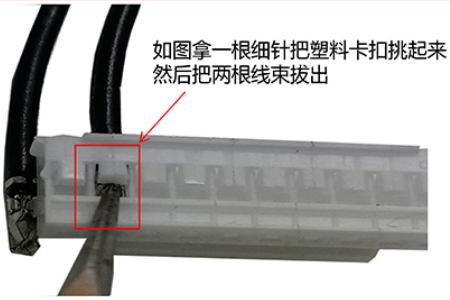
Red(VCC) to red,
Black(RXD) to black,
yellow (TXD) to yellow,
Green(GND) to green



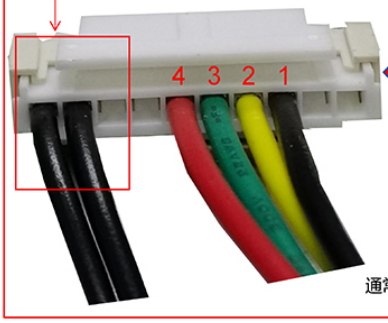
注意：如果购买的是带有显示屏的会发现有以下有两条10pin插口的线



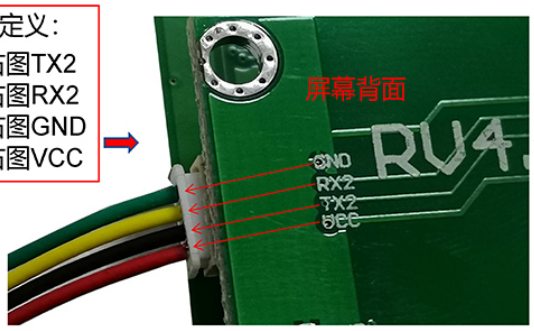
第10步：连接蓝牙设置好参数后在实时状态页面去对比每一串单体电压是否正确，一定要使用高精度质量好的万用表去测量，保护板的每串单体电压精确度在0.005以内，万用表质量不行的可能精确度远远大于0.005，请参考蓝牙连接以及APP使用说明



把两根拔出来的开机线插在屏幕通讯线端子对应的地方

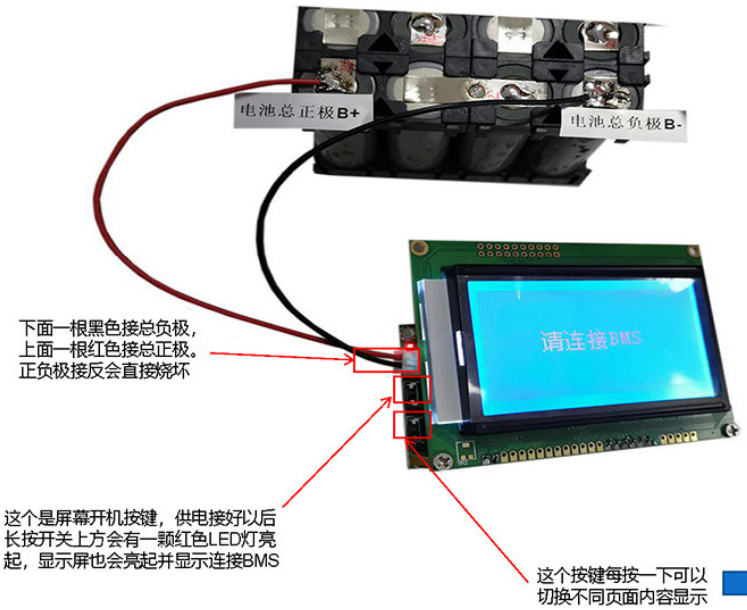


屏幕通讯线接线接口定义：
如左图数字1位置接右图TX2
如左图数字2位置接右图RX2
如左图数字3位置接右图GND
如左图数字4位置接右图VCC

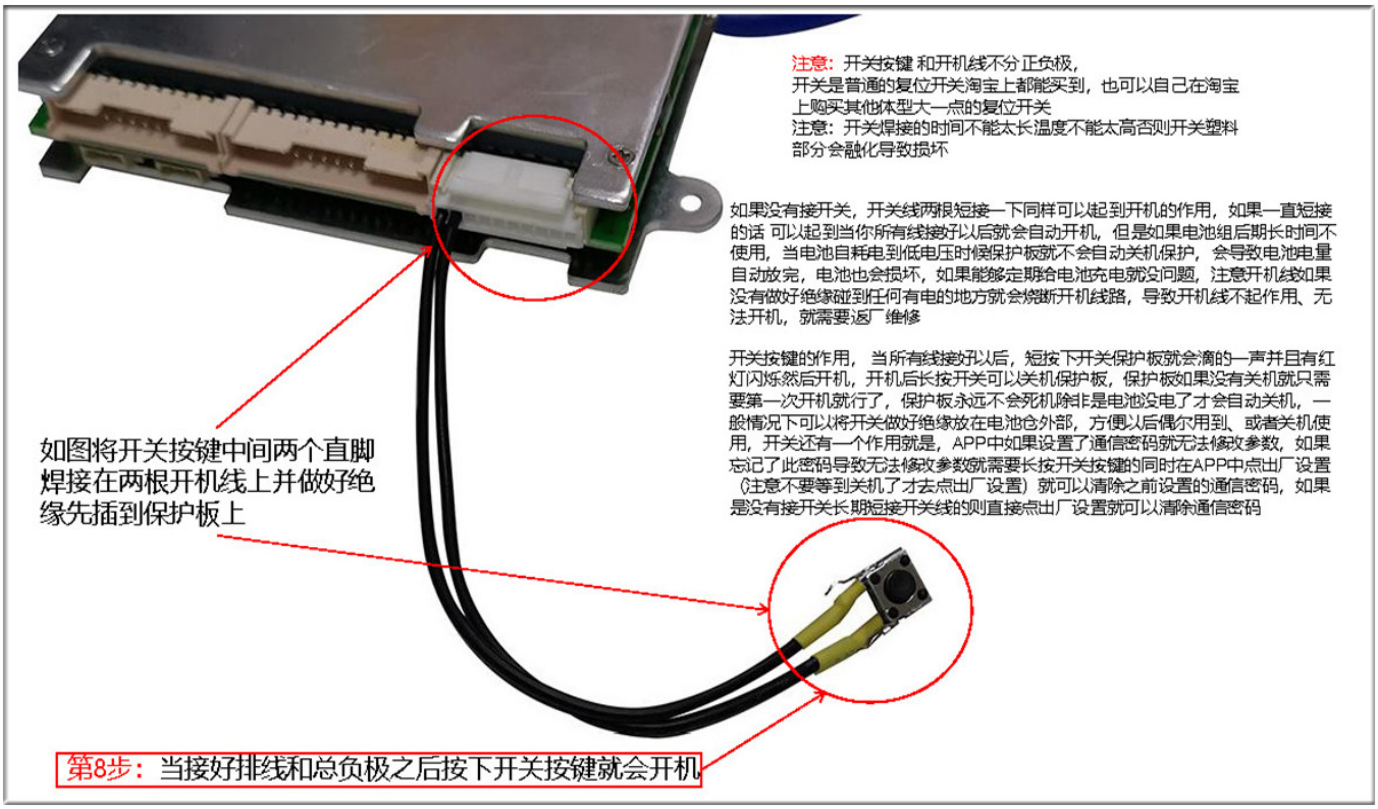


通常情况下以收到的产品线束颜色对接起来就可以了

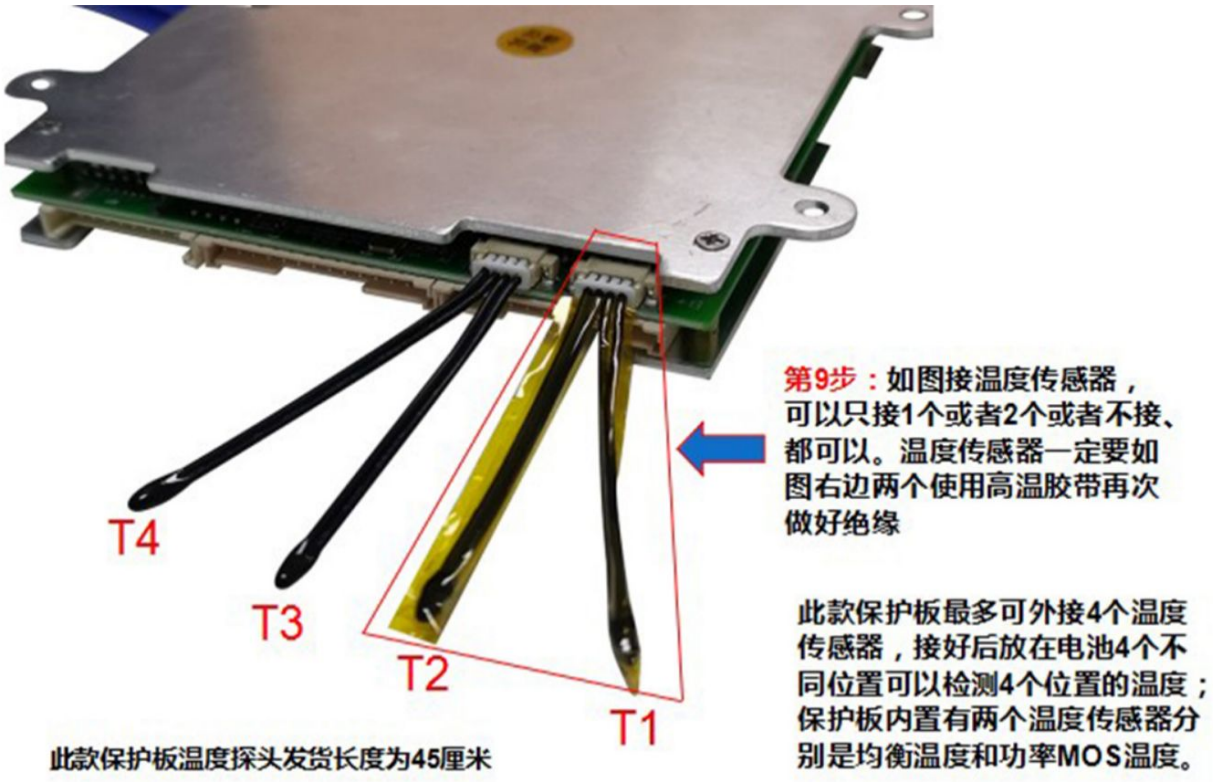
黑红线接电池组总正极总负极供电（供电范围24V-150V之间）



On/off switch, use GND and SW signal.

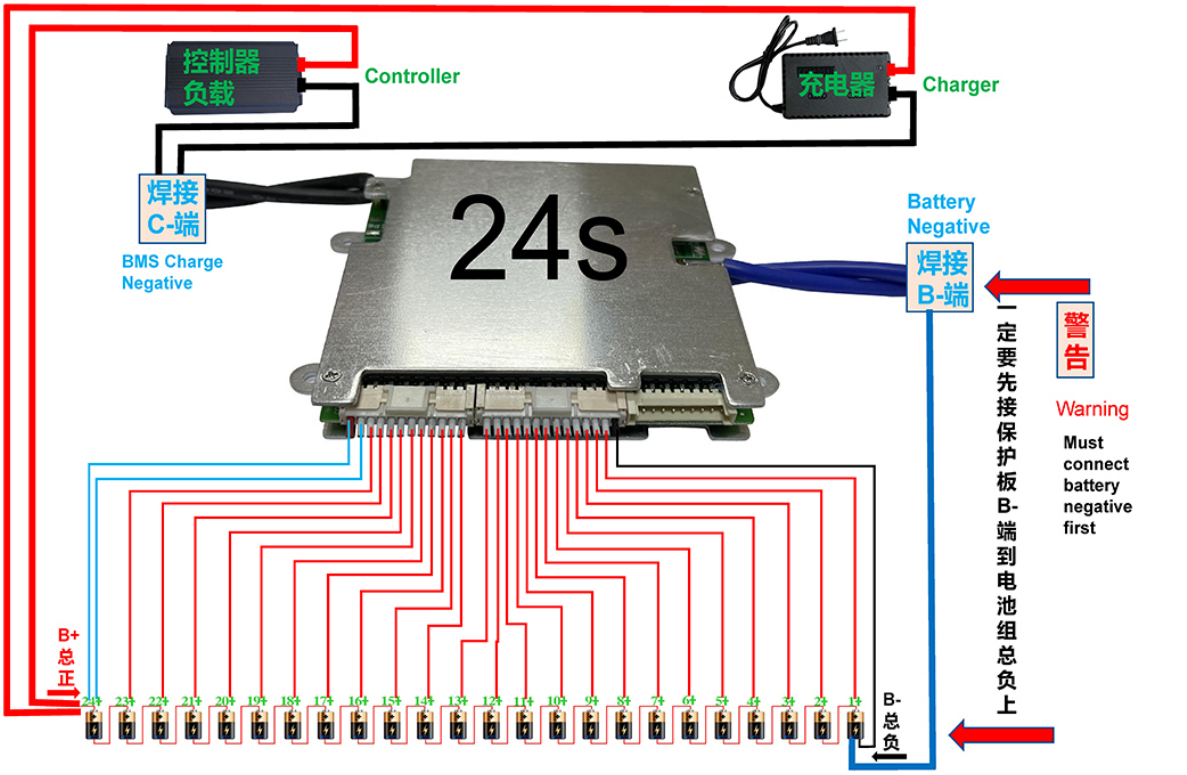


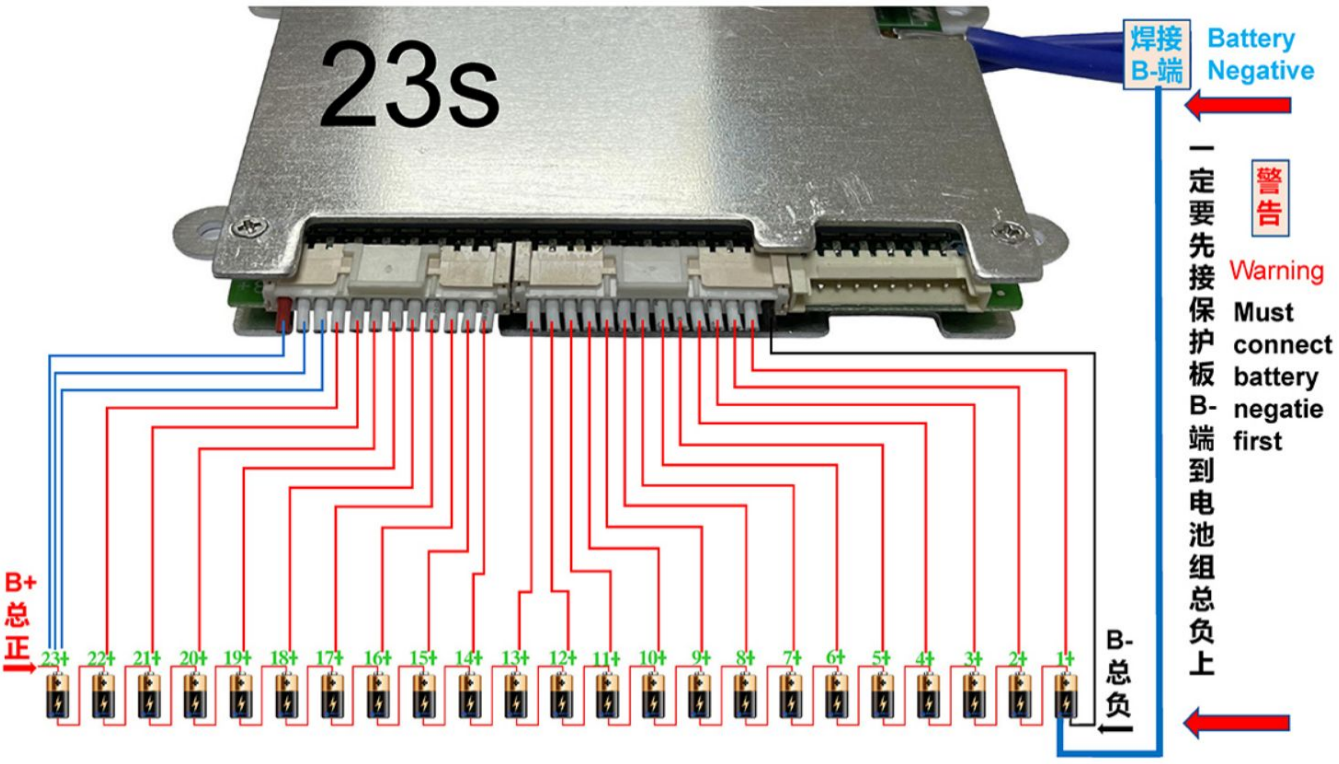
J5 and J6 is for temperature sensor

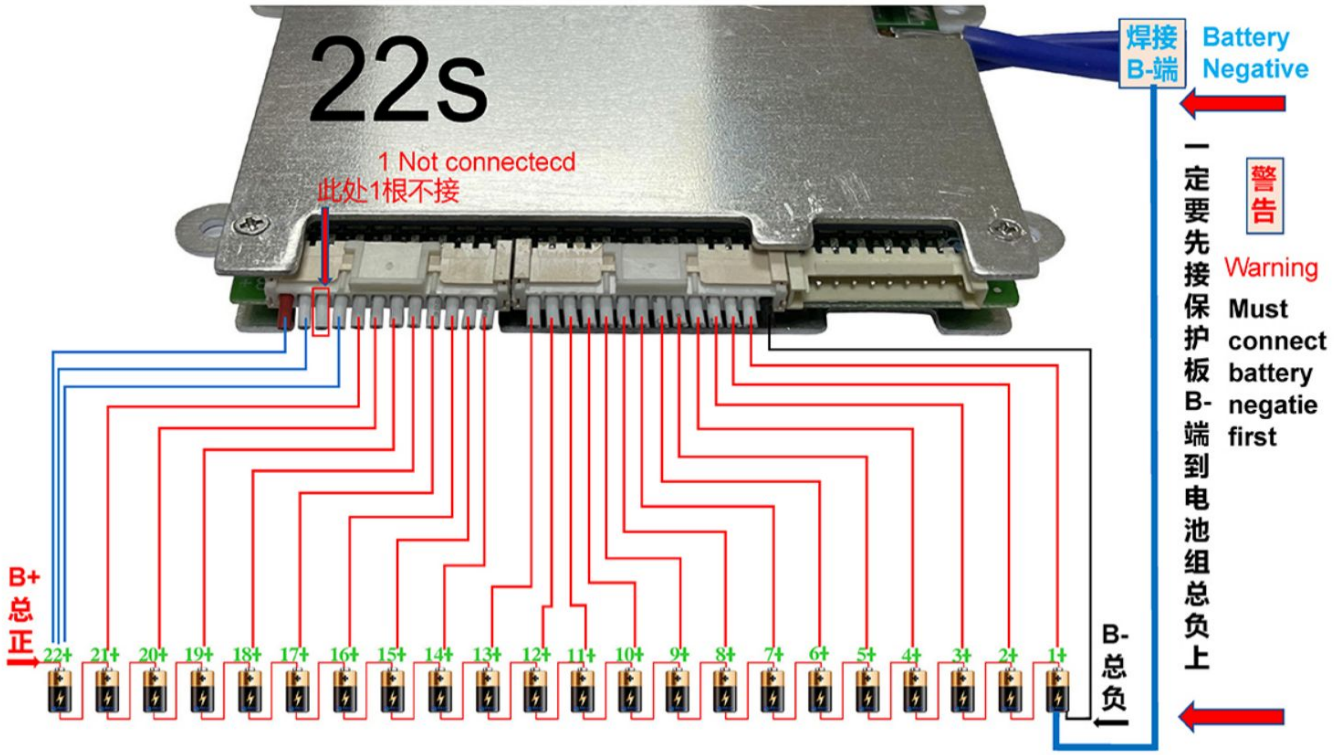


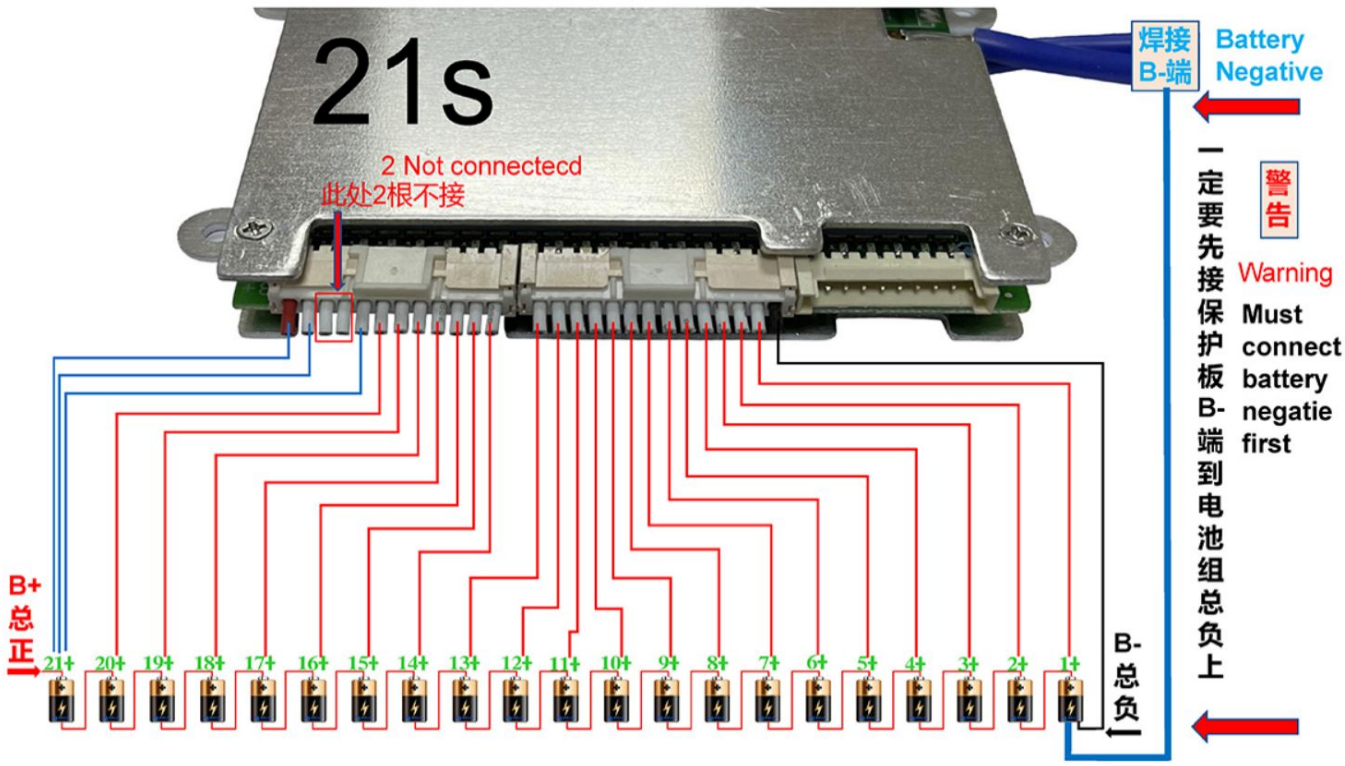
It is recommended to wrap the NTC with high temperature insulating glue for good insulation

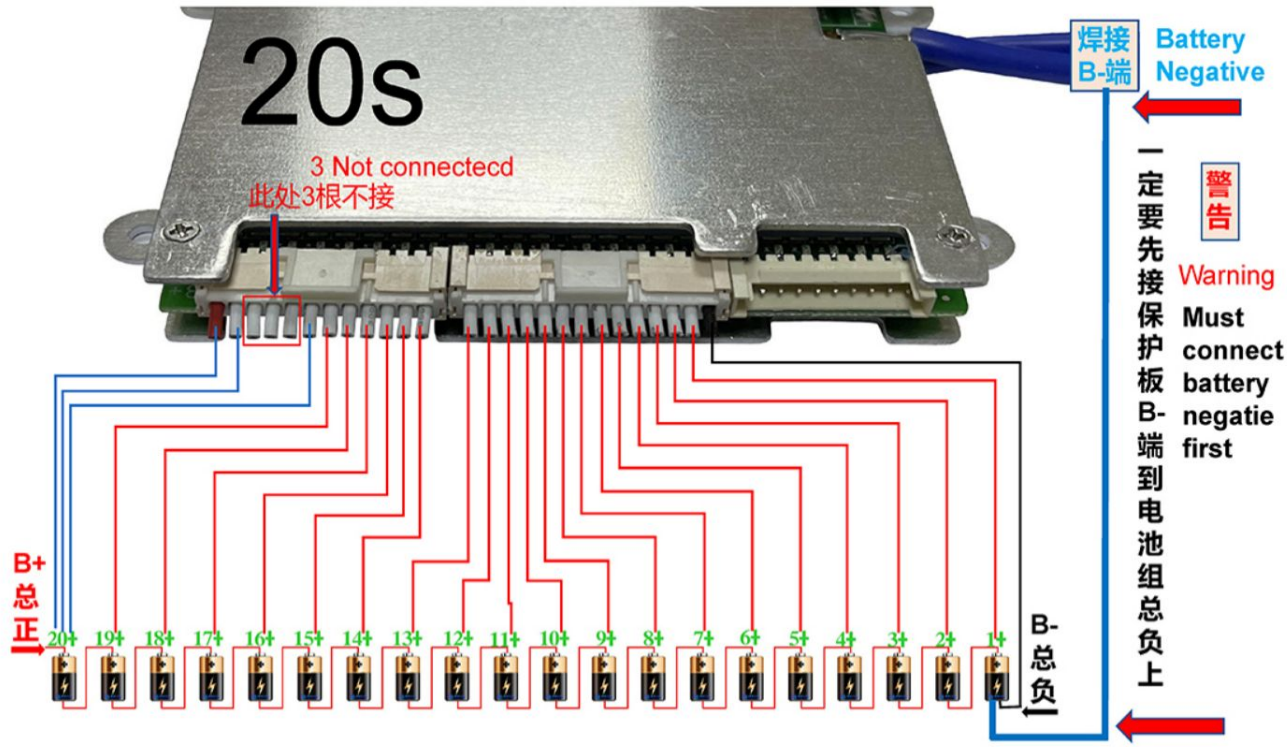
Wiring diagram

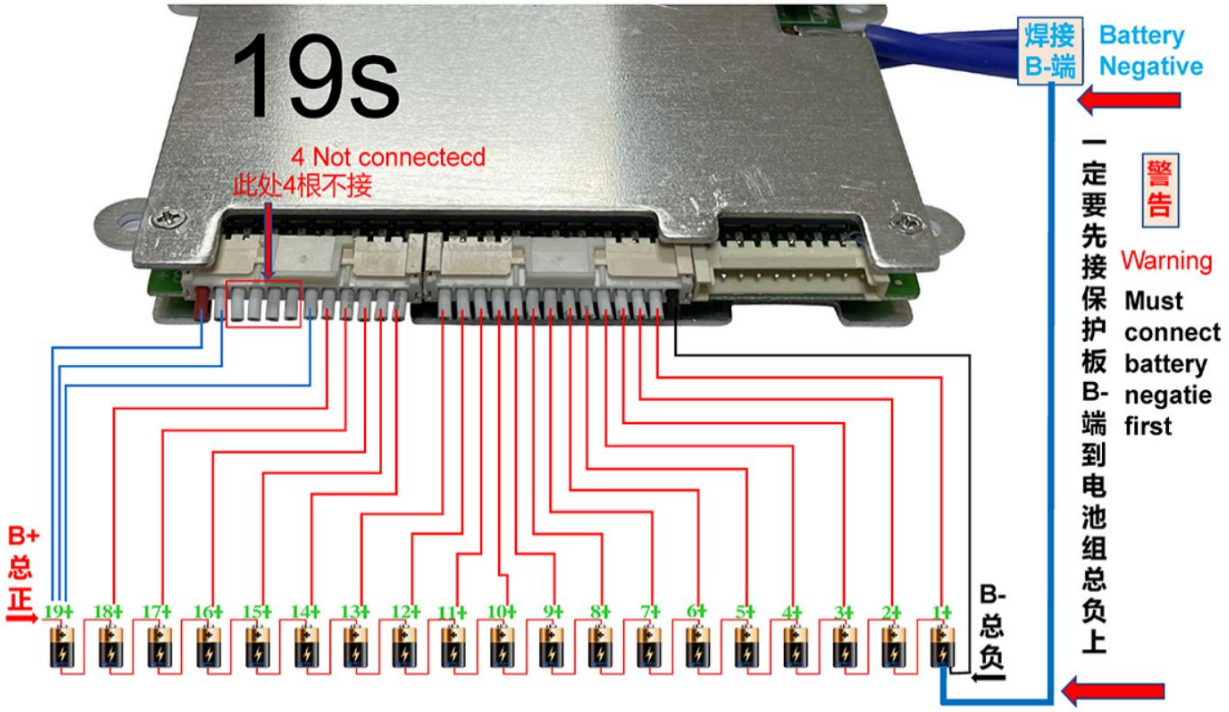


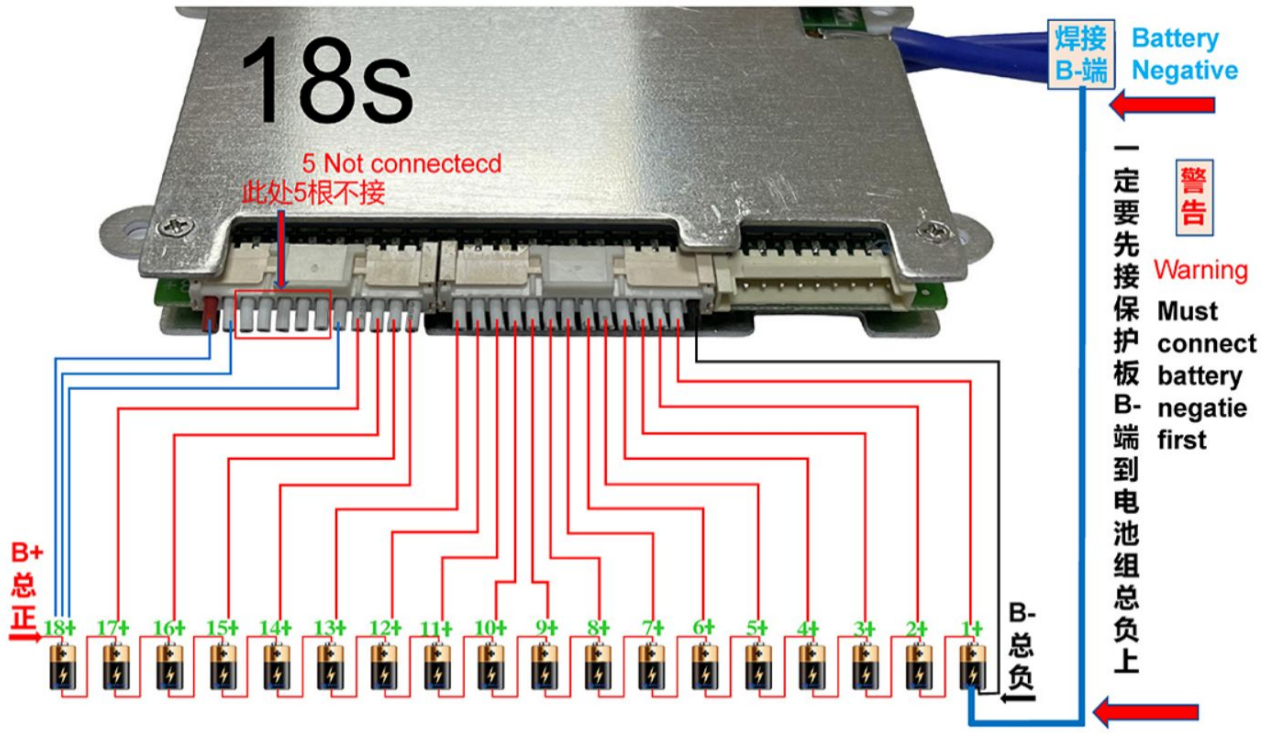


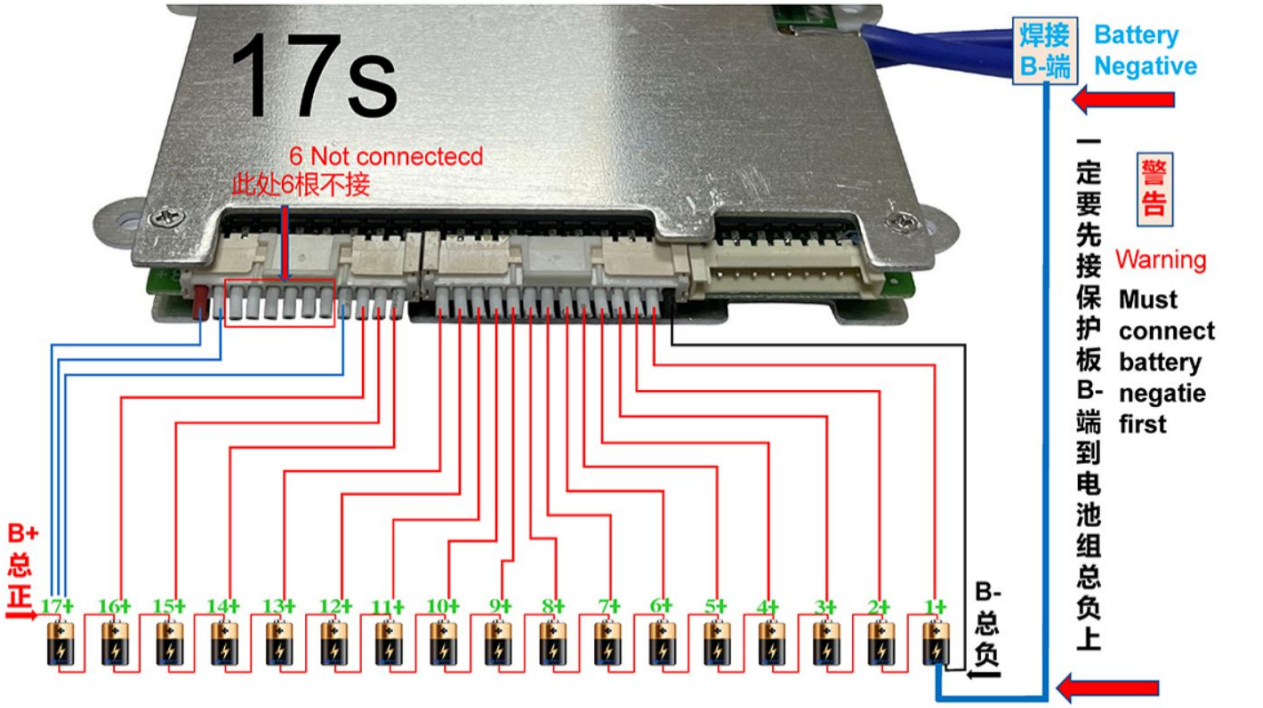

22s
1 Not connectecd
此处1根不接
焊接
B-端
Battery
Negative
一定要先接保护板B-端到电池组总负上
警告
Warning
Must
connect
battery
negatie
first
B+
总正
B-
总负
22+ 21+ 20+ 19+ 18+ 17+ 16+ 15+ 14+ 13+ 12+ 11+ 10+ 9+ 8+ 7+ 6+ 5+ 4+ 3+ 2+ 1+

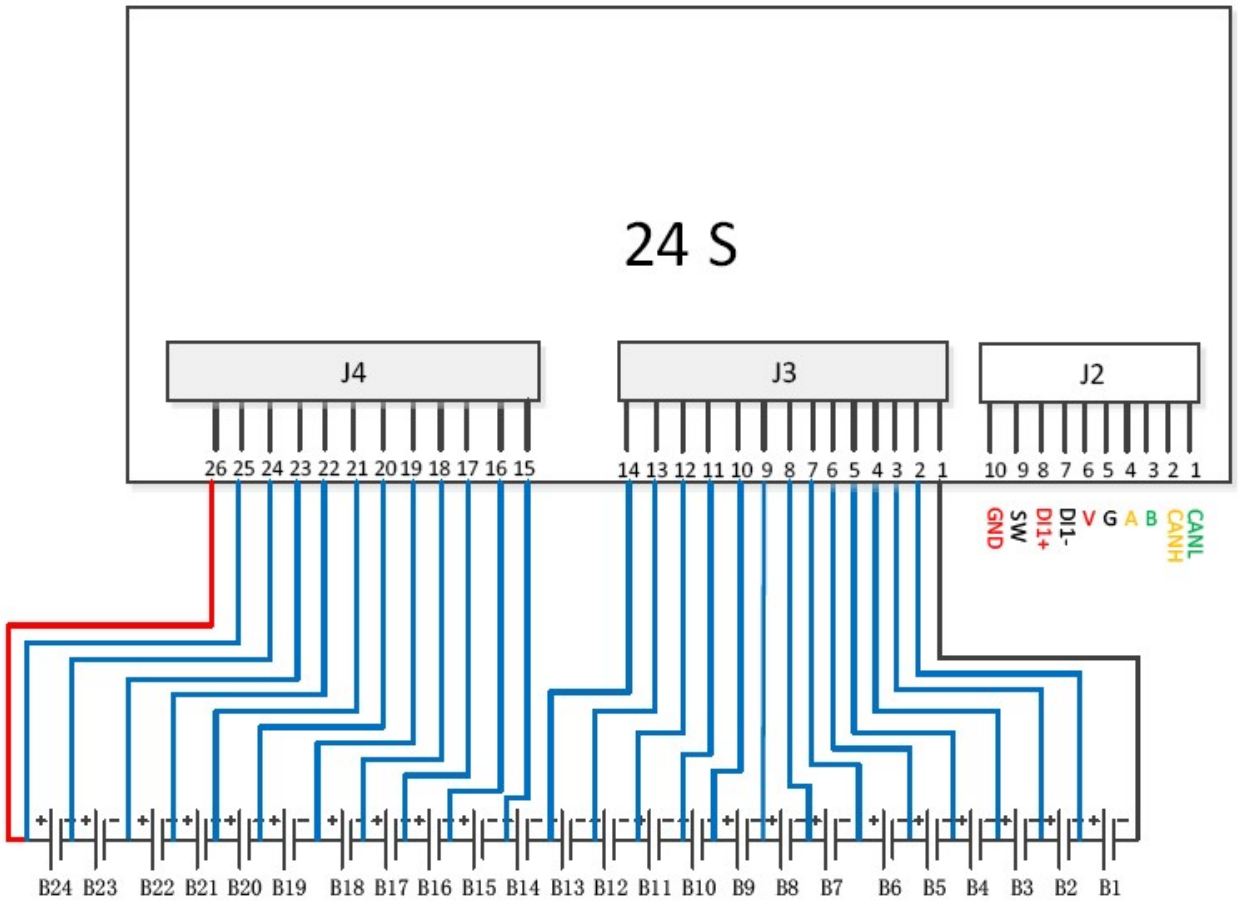

21s
2 Not connectecd
此处2根不接
焊接
B-端
Battery
Negative
一定要先接保护板B-端到电池组总负上
警告
Warning
Must
connect
battery
negatie
first
B+
总正
B-
总负
21+ 20+ 19+ 18+ 17+ 16+ 15+ 14+ 13+ 12+ 11+ 10+ 9+ 8+ 7+ 6+ 5+ 4+ 3+ 2+ 1+

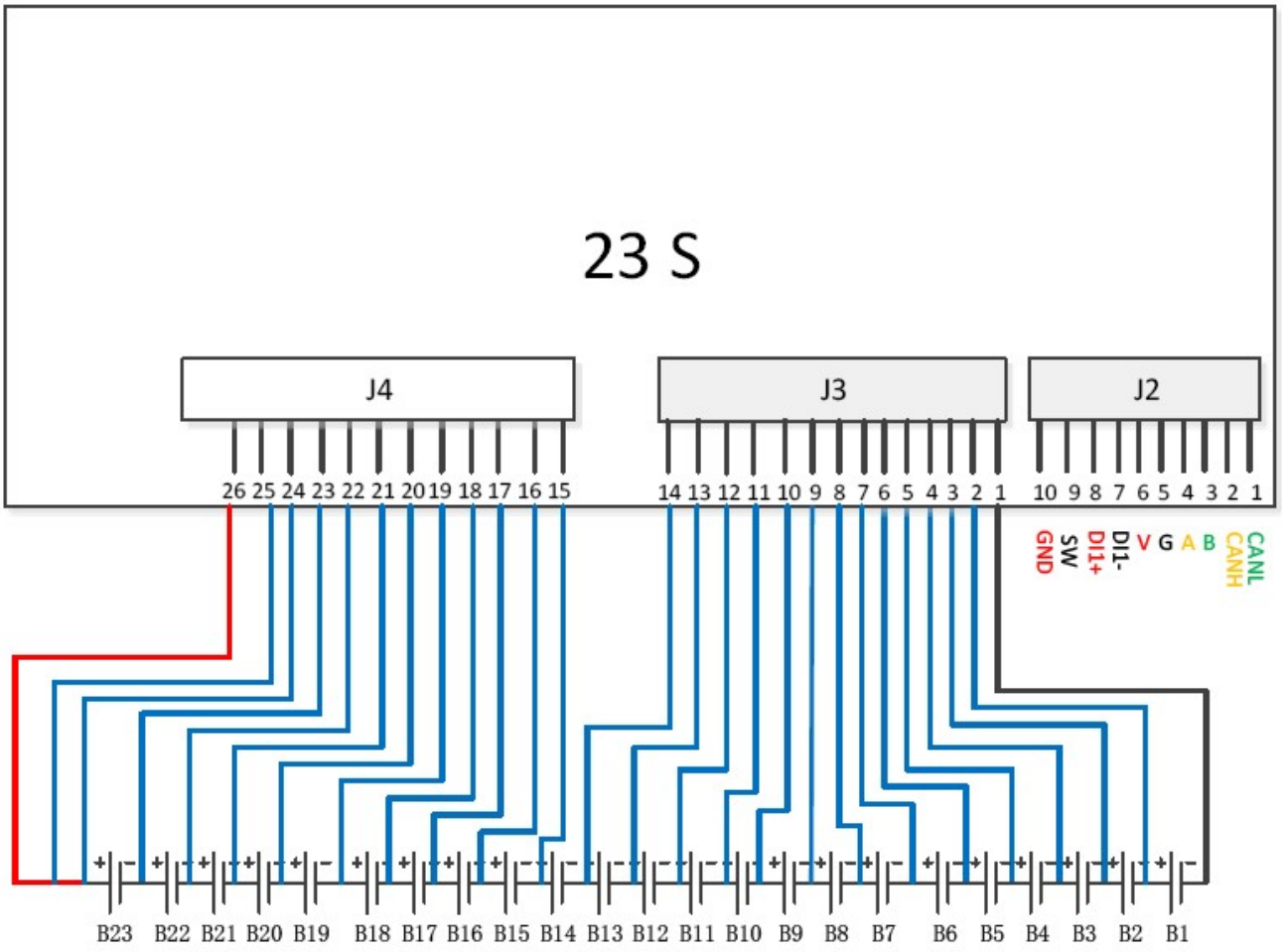

20s
3 Not connectecd
此处3根不接
焊接
B-端
Battery
Negative
警告
Warning
Must
connect
battery
negatie
first
一定要先接保护板B-端到电池组总负上
B+
总正
B-
总负
20+ 19+ 18+ 17+ 16+ 15+ 14+ 13+ 12+ 11+ 10+ 9+ 8+ 7+ 6+ 5+ 4+ 3+ 2+ 1+

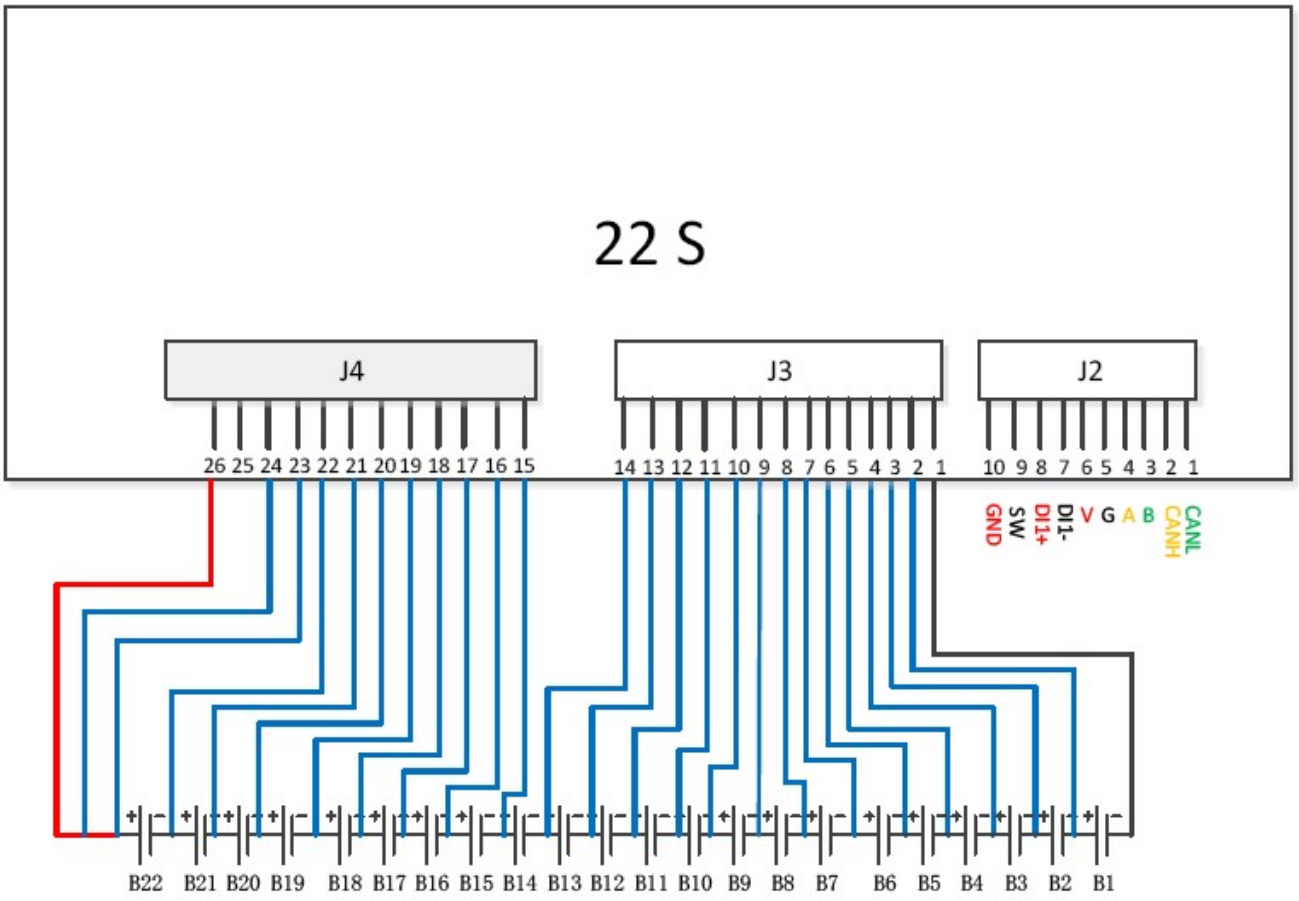

19s
4 Not connectecd
此处4根不接
焊接
B-端
Battery
Negative
警告
Warning
Must
connect
battery
negatie
first
一定要先接保护板B-端到电池组总负上
B+
总正
B-
总负
19+ 18+ 17+ 16+ 15+ 14+ 13+ 12+ 11+ 10+ 9+ 8+ 7+ 6+ 5+ 4+ 3+ 2+ 1+

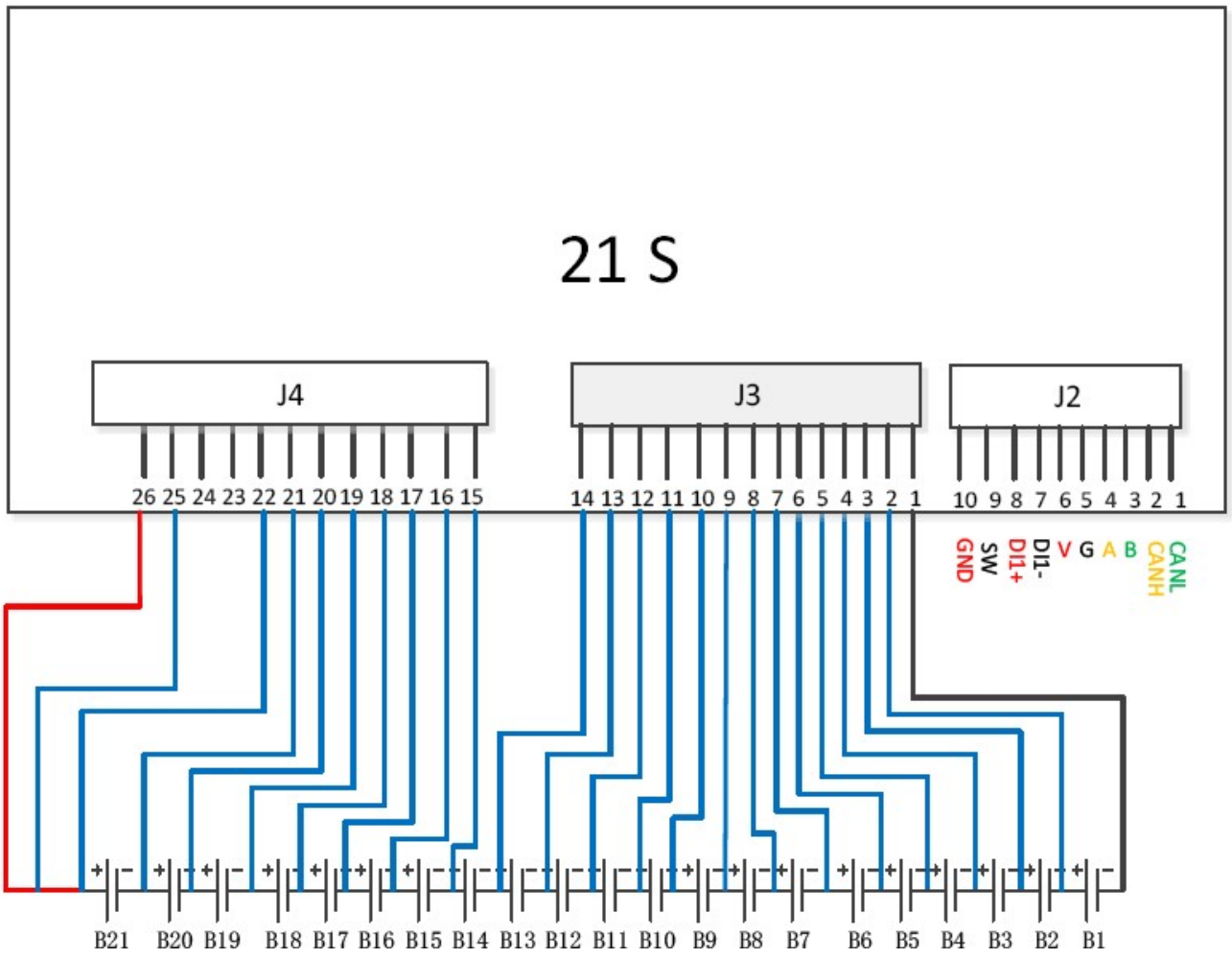

18s
5 Not connectecd
此处5根不接
焊接
B-端
Battery
Negative
一定要先接保护板B-端到电池组总负上
警告
Warning
Must
connect
battery
negatie
first
B+
总正
18+ 17+ 16+ 15+ 14+ 13+ 12+ 11+ 10+ 9+ 8+ 7+ 6+ 5+ 4+ 3+ 2+ 1+
B-
总负

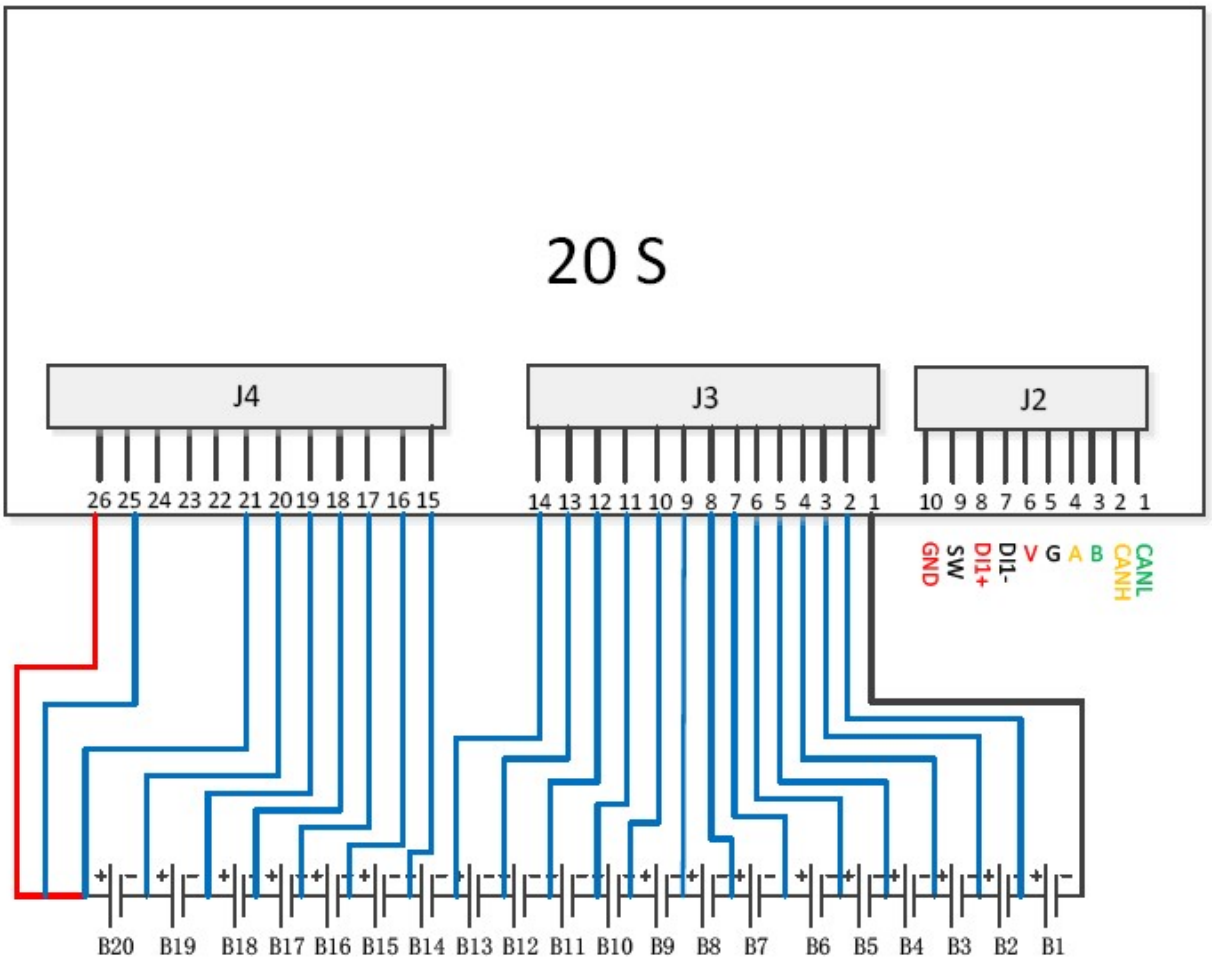

17s
6 Not connectecd
此处6根不接
焊接
B-端
Battery
Negative
一定要先接保护板B-端到电池组总负上
警告
Warning
Must
connect
battery
negatie
first
B+
总正
17+ 16+ 15+ 14+ 13+ 12+ 11+ 10+ 9+ 8+ 7+ 6+ 5+ 4+ 3+ 2+ 1+
B-
总负


24 S
J4
J3
J2
26 25 24 23 22 21 20 19 18 17 16 15
14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND SW DI1+ DI1- V G A B CANH CANL
B24 B23 B22 B21 B20 B19 B18 B17 B16 B15 B14 B13 B12 B11 B10 B9 B8 B7 B6 B5 B4 B3 B2 B1


23 S
J4
J3
J2
26 25 24 23 22 21 20 19 18 17 16 15
14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND SW DI1+ DI1- V G A B CANH CANL
B23 B22 B21 B20 B19 B18 B17 B16 B15 B14 B13 B12 B11 B10 B9 B8 B7 B6 B5 B4 B3 B2 B1


22 S
J4
J3
J2
26 25 24 23 22 21 20 19 18 17 16 15
14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND
SW
DI1+
DI1-
V
G
A
B
CANH
CANL
B22 B21 B20 B19 B18 B17 B16 B15 B14 B13 B12 B11 B10 B9 B8 B7 B6 B5 B4 B3 B2 B1


21 S
J4
J3
J2
26 25 24 23 22 21 20 19 18 17 16 15
14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND
SW
DI1+
DI1-
V
G
A
B
CANH
CANL
B21 B20 B19 B18 B17 B16 B15 B14 B13 B12 B11 B10 B9 B8 B7 B6 B5 B4 B3 B2 B1


20 S
J4
J3
J2
26 25 24 23 22 21 20 19 18 17 16 15
14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND
SW
DI1+
DI1-
V G A B
CANH
CANL
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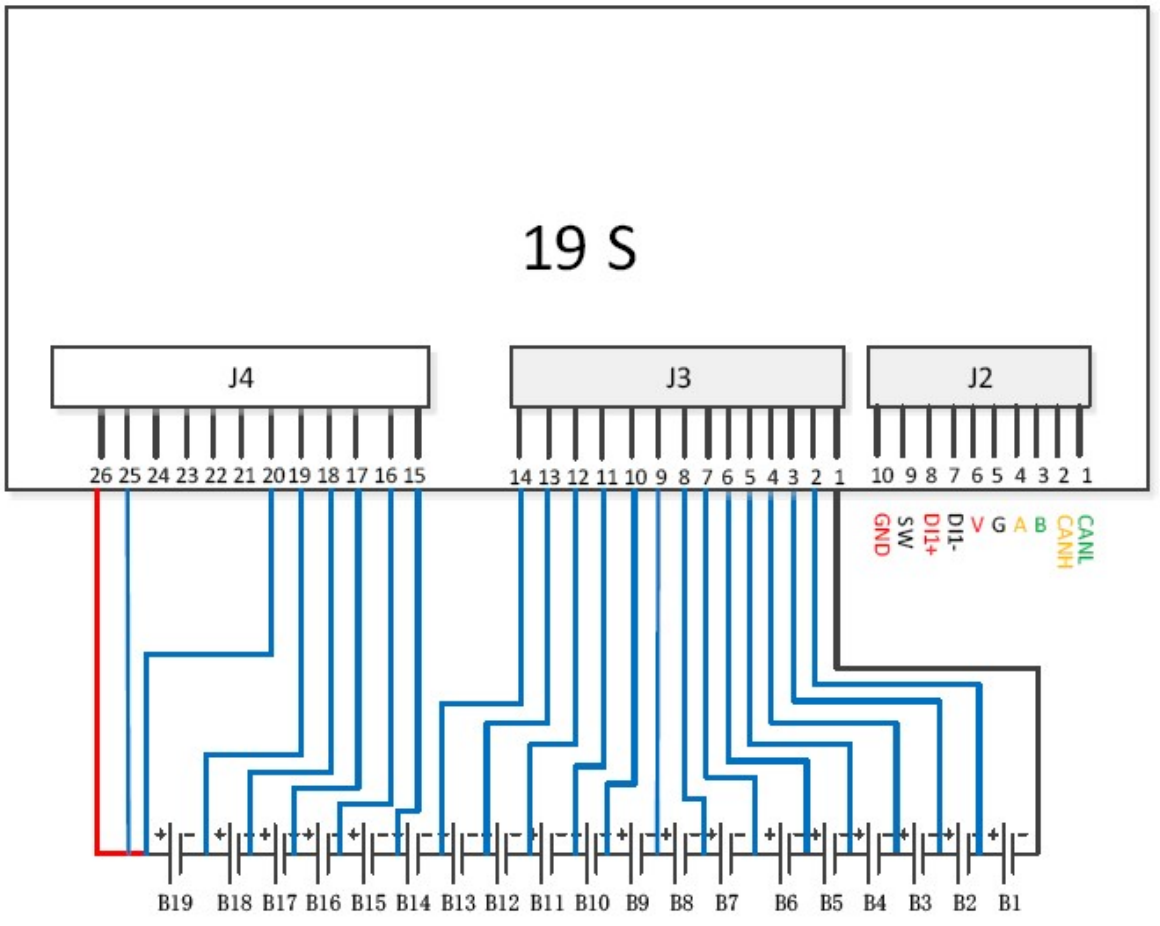
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J4
J3
J2
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14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND
SW
DI1+
DI1-
V G A B
CANH
CANL
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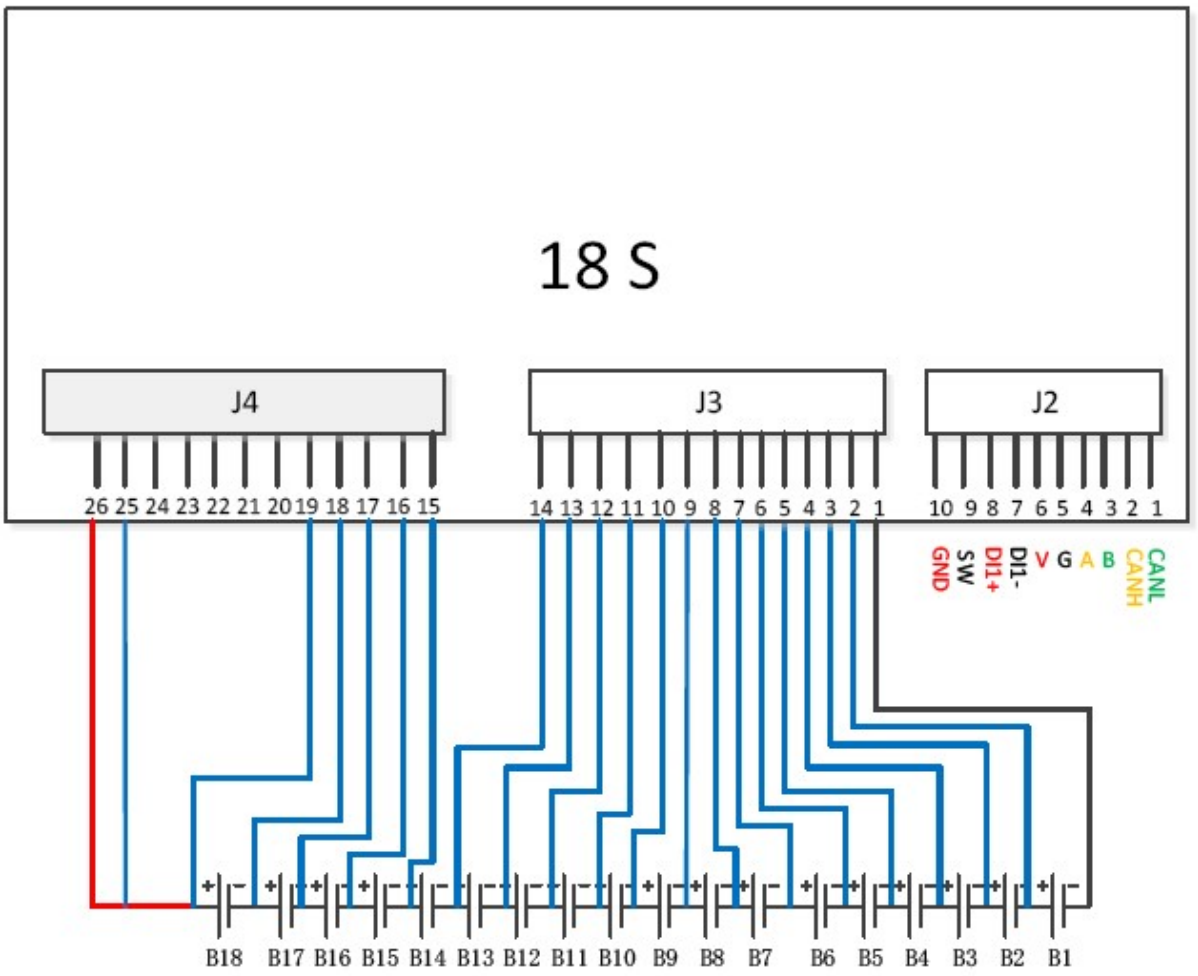
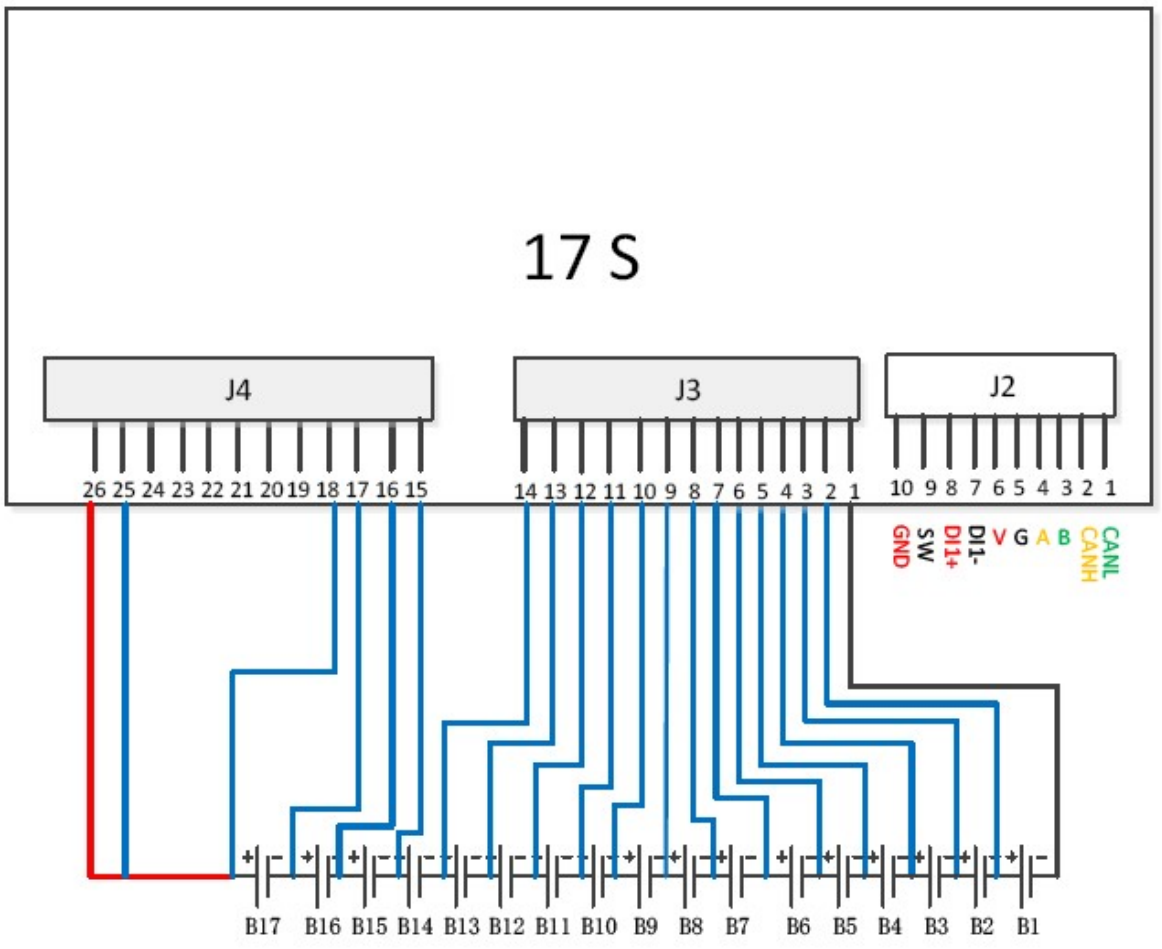
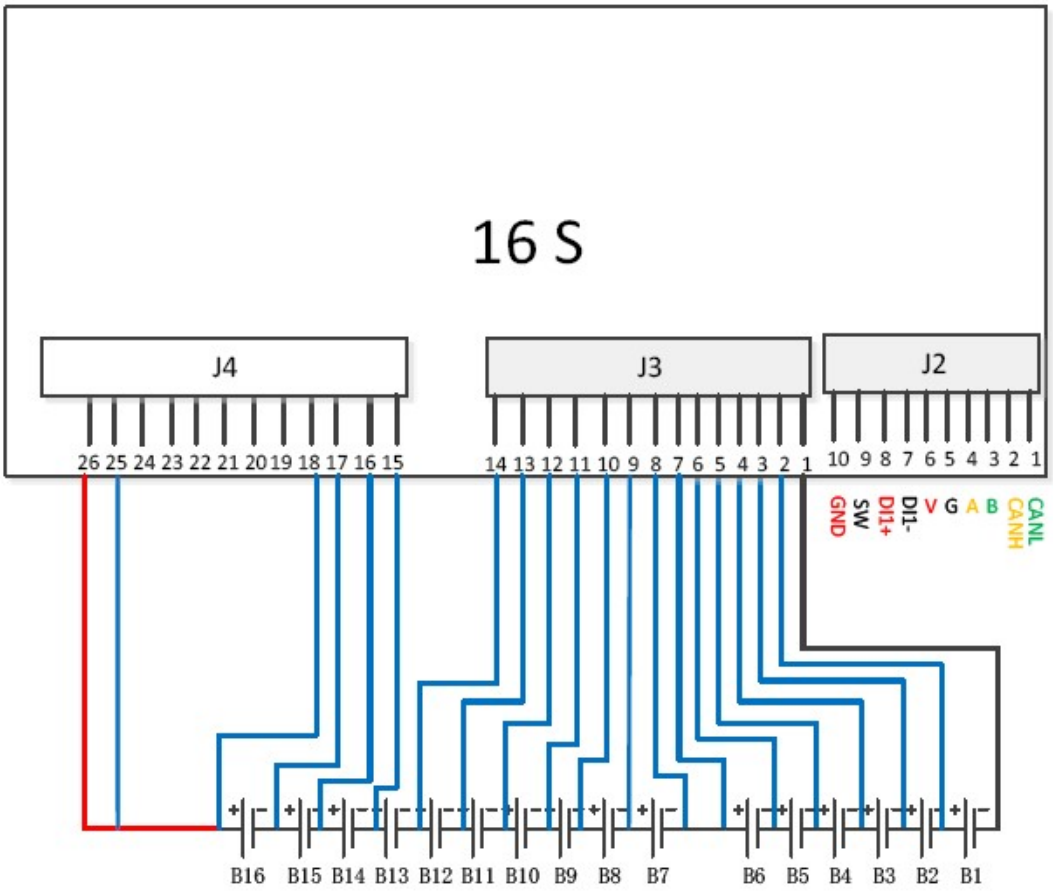
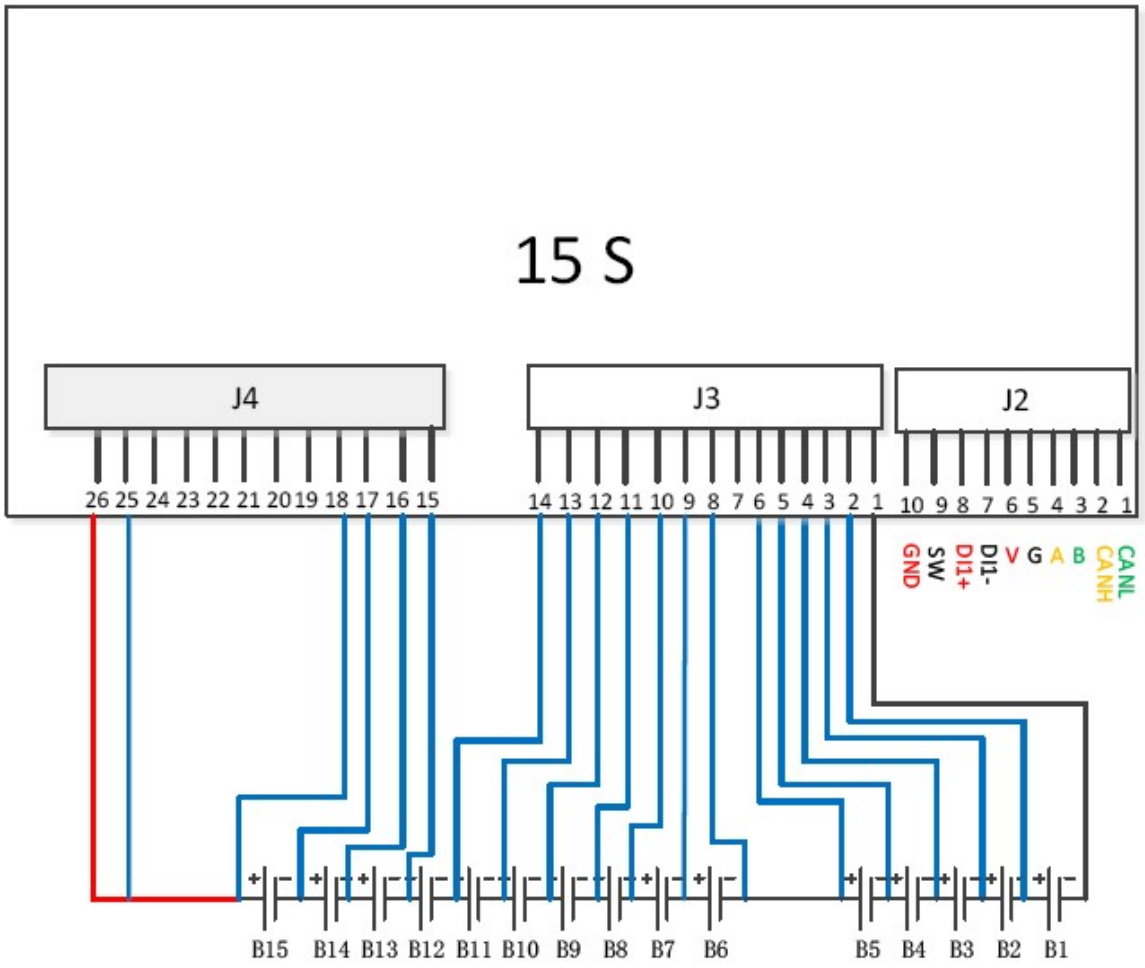

18 S
J4
J3
J2
26 25 24 23 22 21 20 19 18 17 16 15
14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND
SW
DI1+
DI1-
V
G
A
B
CANH
CANL
B18 B17 B16 B15 B14 B13 B12 B11 B10 B9 B8 B7 B6 B5 B4 B3 B2 B1


17 S
J4
J3
J2
26 25 24 23 22 21 20 19 18 17 16 15
14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND
SW
DI1+
DI1-
V
G
A
B
CANH
CANL
B17 B16 B15 B14 B13 B12 B11 B10 B9 B8 B7 B6 B5 B4 B3 B2 B1


16 S
J4
J3
J2
26 25 24 23 22 21 20 19 18 17 16 15
14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND SW DI1+ DI1- V G A B CANH CANL
B16 B15 B14 B13 B12 B11 B10 B9 B8 B7 B6 B5 B4 B3 B2 B1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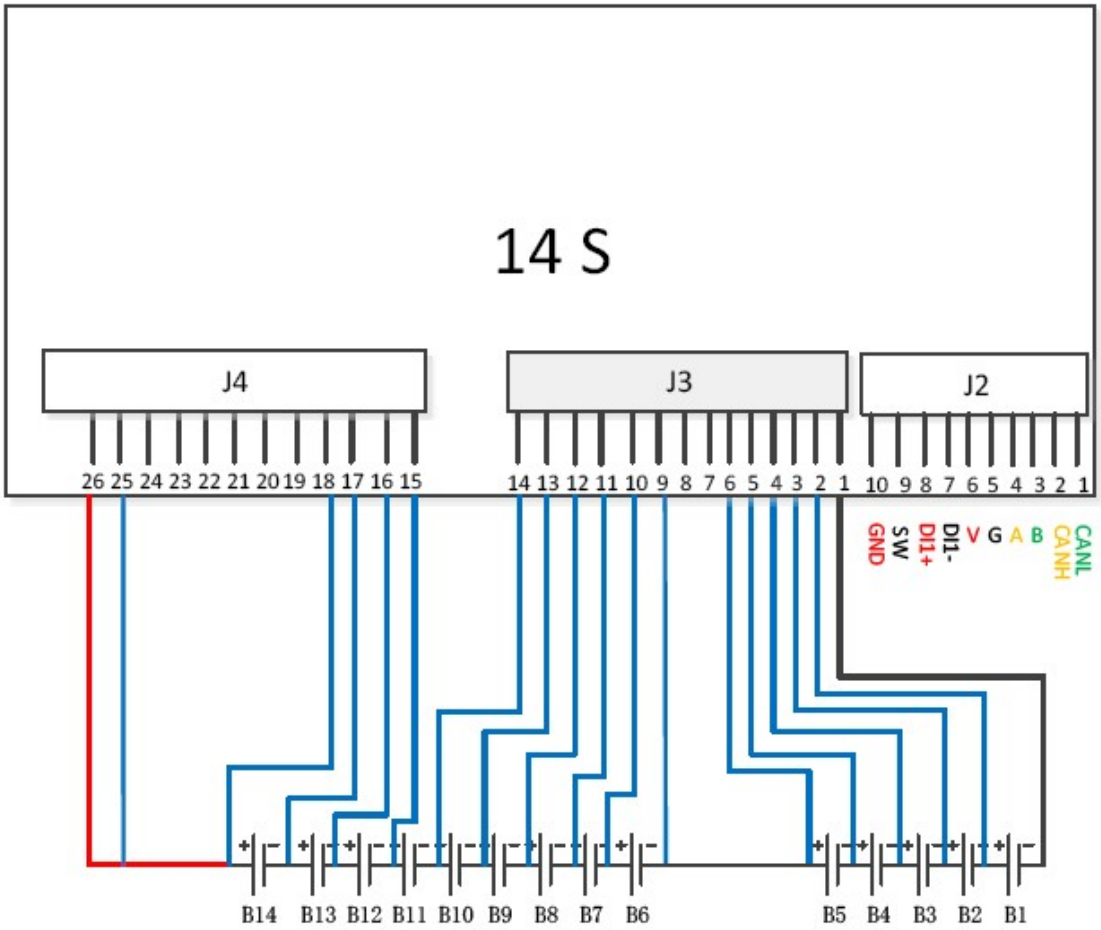
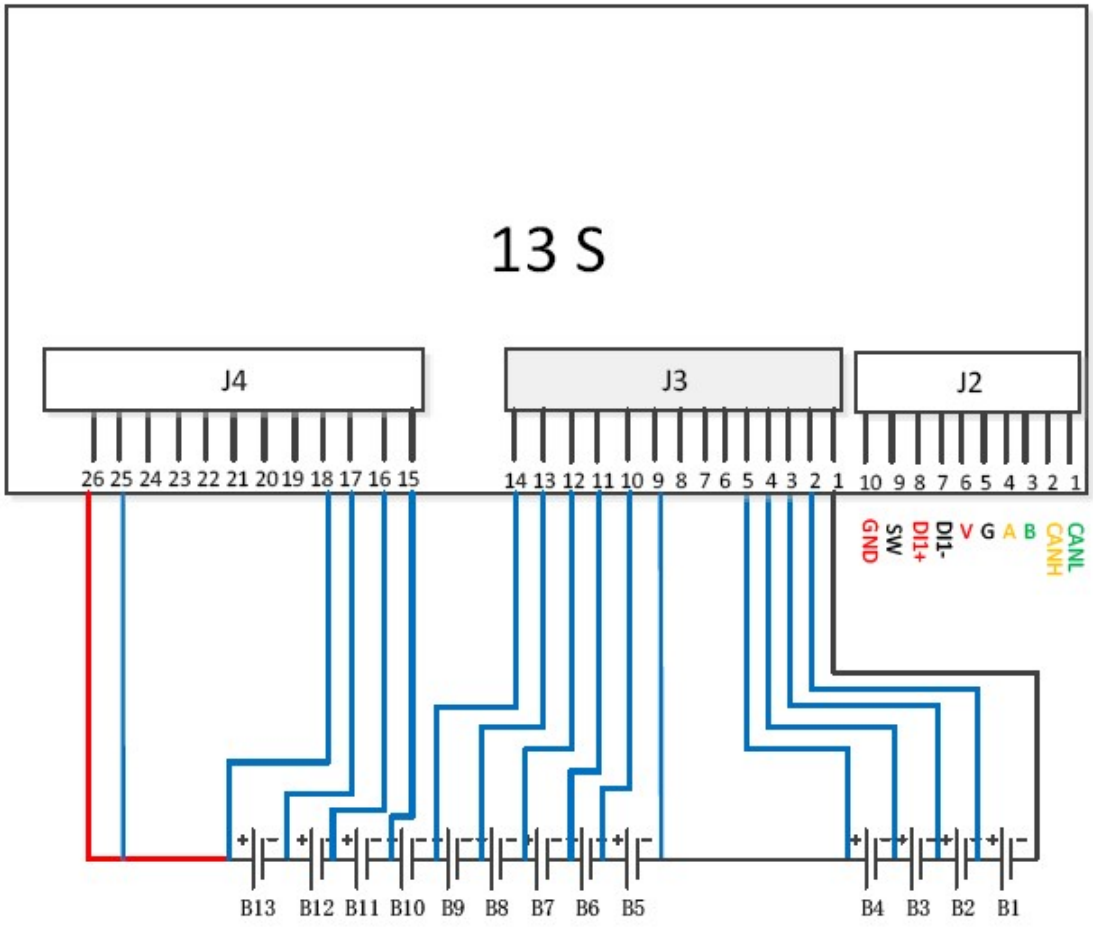
J4
J3
J2
26 25 24 23 22 21 20 19 18 17 16 15
14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND SW DI1+ DI1- V G A B CANH CANL
B15 B14 B13 B12 B11 B10 B9 B8 B7 B6 B5 B4 B3 B2 B1


14 S
J4
J3
J2
26 25 24 23 22 21 20 19 18 17 16 15
14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND
SW
DI1+
DI1-
V
G
A
B
CANH
CANL
B14 B13 B12 B11 B10 B9 B8 B7 B6
B5 B4 B3 B2 B1


13 S
J4
J3
J2
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14 13 12 11 10 9 8 7 6 5 4 3 2 1
10 9 8 7 6 5 4 3 2 1
GND
SW
DI1+
DI1-
V
G
A
B
CANH
CANL
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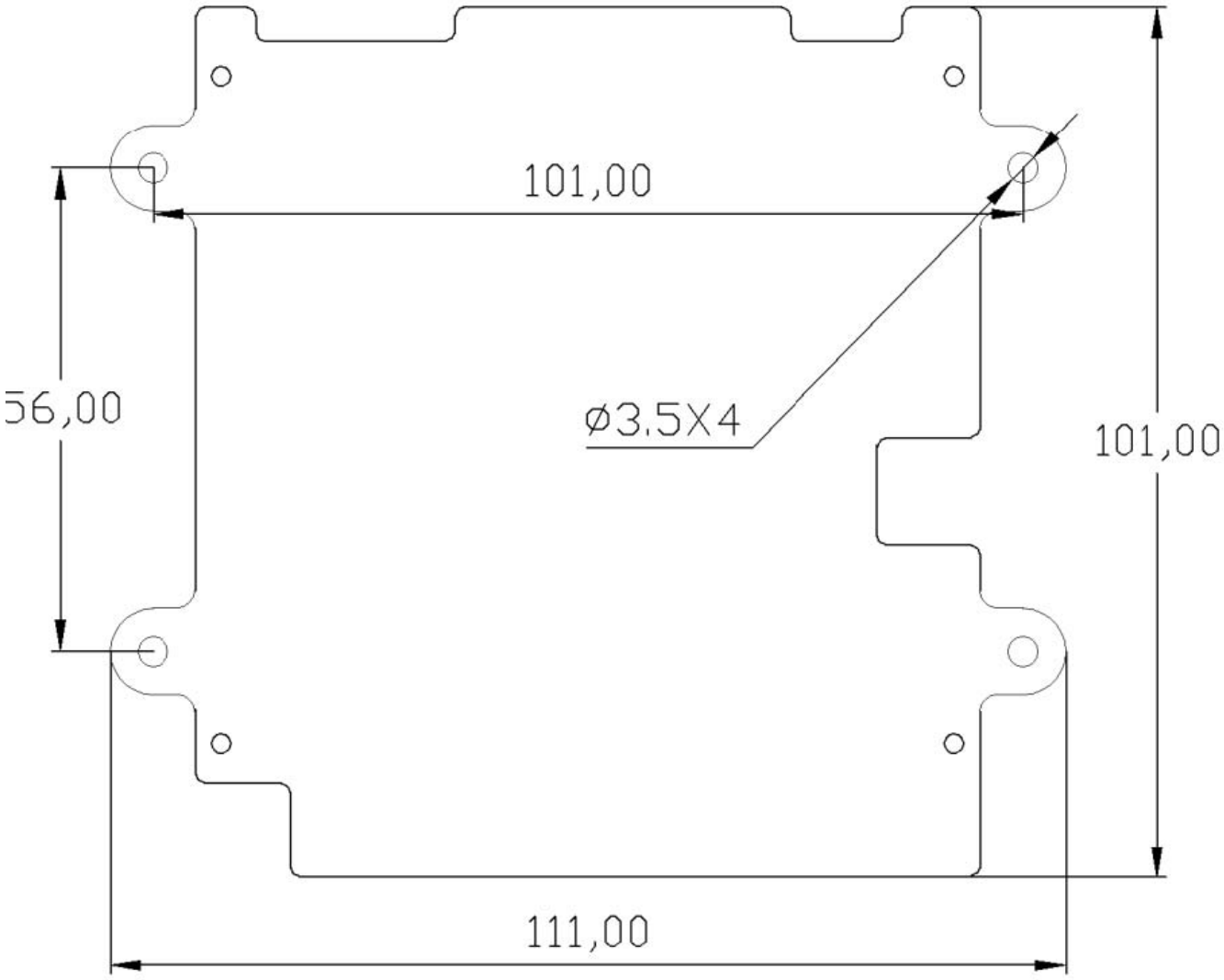
B4 B3 B2 B1

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