

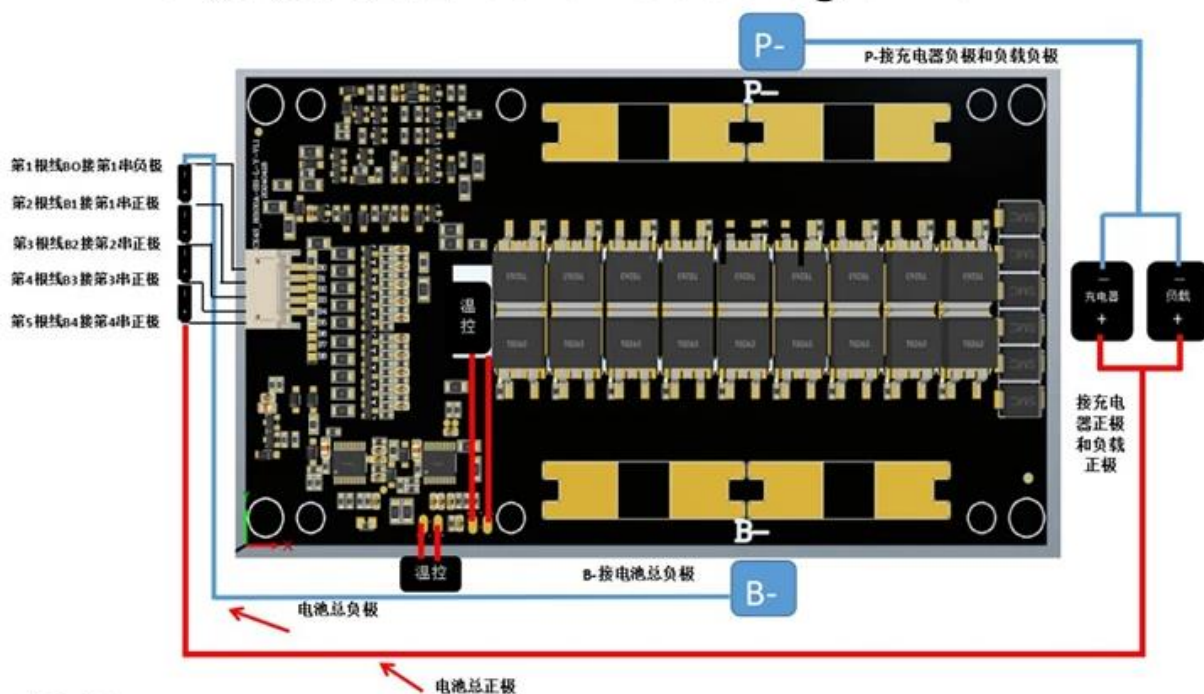
极限参数 Absolute rating

项目 (project)	表示符号	单位	下限	上限
电源电压 (Power voltage)	VBP- VBN	V	---	16
电芯输入电压 (Cell input voltage)	VCELL(N)-VCELL(N- 1)	V	2.2	3.75
最大充电电流 (Max Charge Current)	I(BN-->PN)	A	---	60
最大放电电流 (持续) (Maximum continuous discharge current)	I(PN-->BN)	A	---	100
工作温度 (Working temperature)	℃	℃	-20	75

接口引脚说明 Interface pin instructions

接口名称 Interface name	Pin 脚	标号	定义说明 Description of definition
B-接口 (标配) Standard Parts	/	B-	电池总负, 接电池总负 Negative battery, negative battery
P-接口 (标配) Standard Parts	/	P-	保护板充放电负极, 接充放电负端 Protective plate charge and discharge negative electrode, connect to the charge and discharge negative end
采样线接口 (标配) Standard Parts	1	B0	接第 1 节电池总负级 Connect section 1 battery negative grade
	2	B1	接第 1 节电池正级 Connect section 1 battery level
	3	B2	接第 2 节电池正级 Connect section 2 battery level
	4	B3	接第 3 节电池正级 Connect section 3 battery level
	5	B4	接第 4 节电池正级 Connect section 4 battery level

4S 接线示意图 Schematic diagram of wirin



接线说明 Description of wiring

- 先将保护板 B-线到电池组总负极：
First connect the B-cable of the protection board to the total negative pole of the battery pack;
- 排线从第一根细黑线连接 B-开始，第 2 根线连接第 1 串电池正极，后面依次连接每一串电池的正极；再把排线插入保护板：
The cable starts from the thin black one connecting B-, the twenty white cable connects the positive pole of the first string of batteries, and the next string is connected in turn. The positive pole of the pool; then insert the cable into the protection board;
- 线完成后，测量电池 B+, B-电压与 P+, P-电压值是否相同，相同即保护板工作正常；否则请按照上面重新操作：
After finishing the wiring soldering, measure whether the battery B+, B- voltage and P+, P- voltage values are the same, only same, the protection board works positively. otherwise please follow the above re-operation;
- 拆卸保护板时，先拔排线（如果有多个排线，先拔高压排线，再拔低压排线），再拆动力线 B-。
When removing the protection board, first pull out the cable (if there are two cables, pull the high-voltage cable first, then pull the low-voltage cable), then remove Power cable B-。