

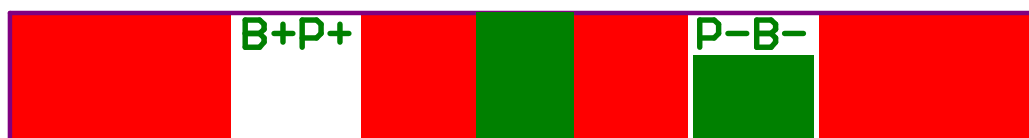
Protection Circuit Module Specifications For 3.7V(1S) Li-ion Battery Pack

Model: **BAC130**

No.	Test Item		Criterion
1	Voltage	Charging voltage	DC4.2V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption for single cell	≤10μA
		Maximal continuous charging current	2.5A
		Maximal continuous Discharging current	2.5A
3	Over charge Protection	Over charge detection voltage	4.30±0.05V
		Over charge detection delay time	10—200mS
		Over charge release voltage	4.1±0.05V
4	Over discharge protection	Over discharge detection voltage	2.40±0.1V
		Over discharge detection delay time	10—200mS
		Over discharge release voltage	3.0±0.1V
5	Over current protection	Over current detection current	5±1A
		Detection delay time	5ms—60ms
		Release condition	Cut load, Auto Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load,Auto Recovery
7	Resistance	Protection circuitry	≤50mΩ
8	Temperature	Operating Temperature Range	-40 ~ +85°C
		Storage Temperature Range	-40 ~ +125°C

以上参数测试温度为25°C，若温度不在25°C则会有一定偏差。

B+ = 电池+
 B- = 电池-
 P+ = 输出+/充电+
 P- = 输出-/充电-



maka :

Audit :

Approval: