

## 2. Product Specification

Table 1

Cell		Item	General Parameter		Remark
	1	Rated Capacity	Typical	2600mAh	Standard discharge ( 0.2C C <sub>5</sub> A) after Standard charge
			Minimum	2550mAh	
	2	Nominal Voltage	3.7V		Mean Operation Voltage (
	3	Voltage at end of Discharge	2.75V		Discharge Cut-off Voltage
	4	Charging Voltage	4.2 ± 0.05V		
	5	Internal Impedance	60m		Internal resistance measured at AC 1KHz after 50% charge  The measure must uses the new batteries that within one week after shipment and cycles less than 5 times (
	6	Dimension	Hight: Max : 65.0mm		Initial Dimension
			Diameter : Max : 18.4mm		
7	Standard charge	Constant Current 0.2C <sub>5</sub> A Constant Voltage 4.2V 0.01C <sub>5</sub> A cut-off		Charge time : Approx 6H	
8	Standard discharge	Constant current : 0.2C <sub>5</sub> A end voltage 2.75V			

	Item	General Parameter	Remark
Cell	9	Maximum Continuous Charge Current	1300mA 0.5C
	10	Maximum Continuous Discharge Current	5200mA 2C
	11	Operation Temperature Range	Charge: 10~45? Discharge: -20~60? 60± 25%R.H. Bare Cell

Table 2

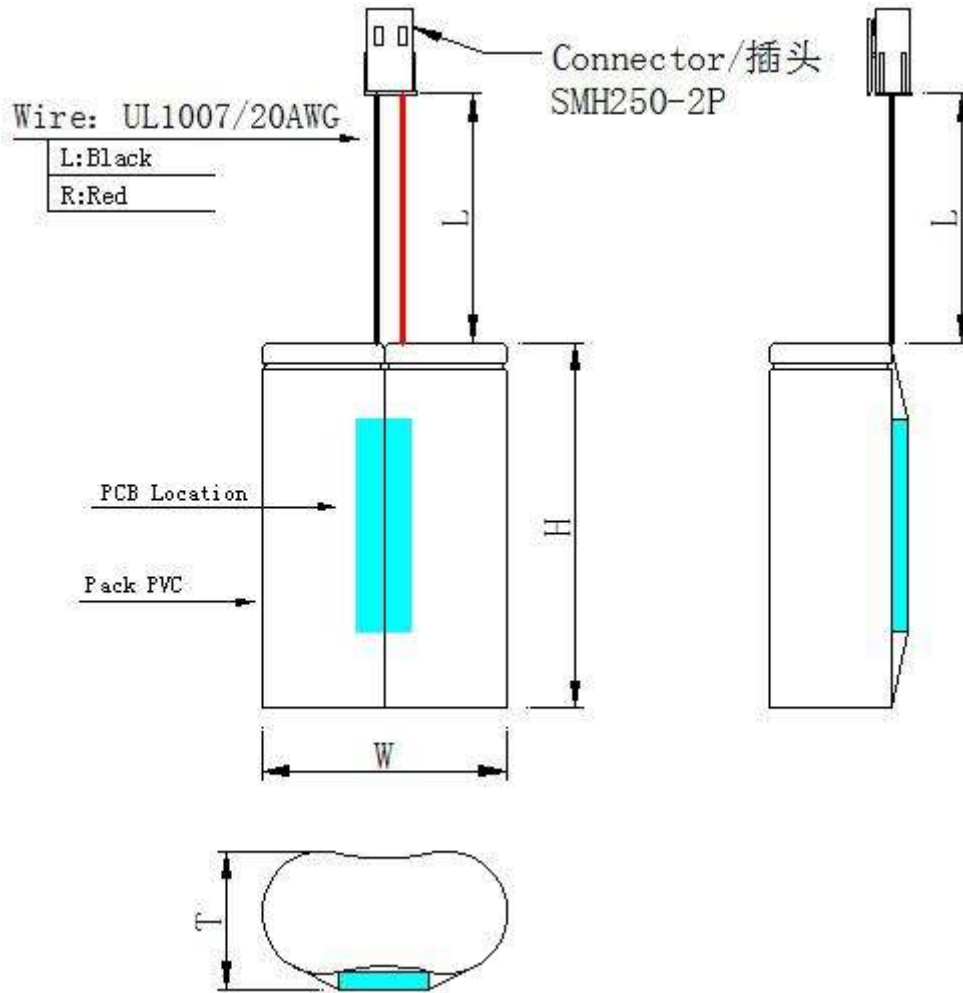
No.	Item	General Parameter		Remark
1	Combination method	1S2P		
2	Rated Capacity	Typical	5200mAh	Standard discharge ( 0.2C <sub>5</sub> A ) after Standard charge ( package)
		Minimum	5100mAh	
3	Nominal Voltage	3.7V		Mean Operation Voltage
4	Voltage at end of Discharge	2.75V		Discharge Cut-off Voltage
5	Charging Voltage	4.2V		
Package	6	Internal Impedance	120m	Internal resistance measured at AC 1KHz after 50% charge
				The measure must uses the new batteries that within one week after shipment and cycles less than 5 times
	7	Standard charge	Constant Current 0.2C <sub>5</sub> A Constant Voltage 4.2V 0.05C <sub>5</sub> A cut-off	Charge time : Approx 6.0 h
	8	Standard discharge	Constant current 0.2C <sub>5</sub> A end voltage 2.75V	
	9	Maximum Continuous Charge Current	2A	

Continuous the table 2

	No.	Item	General Parameter	Remark
Package	10	Maximum Continuous Discharge Current	5A	
	11	Operation Temperature Range	Charge: 10~45?	60± 25%R.H. Bare Cell
			Discharge: -20~60?	
	12	Storage Temperature Range	Less than 1 year: -20~25?	60± 25%R.H. at the shipment state
			less than 3 months: -20~40?	
			Less than 7 day : -20~65?	
	13	Pack Dimension	Height: Max 67.0mm	Package
			Wide: Max.37.2mm	
			Thick : Max 20.5mm 20.5mm )	

## 8 Initial Dimension:

### 8.1 structure picture



L	H	W	T
100± 5mm	Max : 67mm	Max : 37.2mm	Max : 20.5mm

### 8.2 Bom Of Battery Pack

Cell/	PCB/	Connector&Wire/
18650/2600	KH-6235(S8261DAA+DP8205A-8*4)	SMH250-2P UL1007/20AWG