

## PRODUKT SPECIFICATION

### 4. Basic of performance 基本性能

#### 4.1 Single cell parameters 单体电芯参数

No.	Item 项目	Specification 性能	
1	Rated Capacity 额定容量	3350mAh ,0.2 C discharging	
2	Minimum Capacity 最小容量	3250mAh ,0.2 C discharging	
3	Normal Voltage 标称电压	3.63V	
4	O.C.V 出厂电压	3.60~3.90V	
5	Charge Ending Voltage (End current) 充电截止电压 (截止电流)	4.20V (32mA)	
6	Discharge Ending Voltage 放电截止电压	2.5V	
7	Standard charging method 标准充电方式	24±2.5°C 0.3C (975mA) constant current charge to 4.2V, then constant voltage 4.2V charge till charged current declines to ≤ 0.01C(32mA)	
8	Max Charge current 最大充电电流	Rapid charge:0.5C	
9	charging Time 充电时间	Standard charge:5.5~6.5 h	
		Rapid charge: 2.5~3.0 h	
10	Standard discharging Current 标准放电电流	24±2.5°C 0.2C(650mA) constant current discharge to 2.5V.	
11	Max.Discharging Current 最大放电电流	1.5C (4875mA) 5°C≤T≤45°C	
12	Maximum pulse discharge current 最大脉冲电流	/	
13	Operating environment 工作环境	Charging: 0°C~ 45°C, 65%±25%RH Discharging: -20°C~ +50°C, 65%±25%RH	
14	Cell Impedance 单电芯内阻	≤70mΩ, (AC 1KHz measured PTC)	
15	Dimension of Single Cell 单电芯尺寸	Diameter	18.2 +0.2/-0mm
		Height	65.0±0.2 mm

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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.

REV/版本: A00

## 4.2 Product basic information 产品基本信息

序号	Item 项目	Specification 性能
1	Assembled Mode 组合方式	单支 18650+保护板+USB 充电
2	Normal Capacity 标称容量	3350mAh,0.2 C discharging
3	Minimum Capacity 最小容量	3250mAh,0.2 C discharging
4	Normal Voltage 标称电压	3.6V
5	Impedance 成品内阻	<120mohm, (50% charge AC 1KHz measured)
6	Charge Ending Voltage 充电截止电压	4.20V
7	Discharge Ending Voltage 放电截止电压	2.50V
8	Standard charging method 标准充电方式 CC&CV	24±2.5°C 0.3C (975mA) constant current charge to 4.2V, then constant voltage 4.2V charge till charged current declines to ≤ 0.01C(32mA)
9	Charge current 充电电流	Standard charge:975mA
		Rapid charge:1625mA
10	Charging Time 充电时间	Standard charge:5.5~6.5 h
		Rapid charge: 1.5~2 h
11	Standard discharging Current 标准放电电流 CC	24±2.5°C 0.2C(650mA) constant current discharge to 2.50V.
12	MAX Discharging Current 最大放电电流	Max discharge 1.5C (4875mA)
13	USB charge voltage current USB 充电电压、电流	5.0V±0.2V 600MA±100MA
14	Connecter definition 接口定义	正极镀金/负极底部五金

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