

Primary Lithium Battery Technology Specification

Customer _____

Part name Primary Lithium Battery

Model No ER14505M 1800mAh 3.6V

Serial No _____

Produce No _____

Approved by		Drafted by	Xiaojun nie
Checked by		Signed by	Wenfei liang
Prepared by		Date	2020-11-26

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1.Scope

This specification is applied to the reference battery in this Specification and manufactured by ShenZhen PKCELL Battery Co., Ltd.

2.Product Specification (23±2°C)

No.	Item	General Parameter	Remark
1	Nominal Capacity	1800mAh	Discharge at 10mA to 2.0V
2	Rated Voltage	3.6V	Mean Operation Voltage
3	Max Constant Discharge Current	500mA	—
4	Max Pulse Discharge Current	1000mA	—
6	Operating temperature range	-55~85°C	—
7	Avaliable Terminations	S :Standard Terminations	Special Termination are avaliable upon request ⁻³⁻
		T : Solder Tabs	
		P :Axial Pins	

3. Benefits

- High energy density, High voltage, stable during most of the application's lifetime
- Wide range of operating temperature
- Long self-dischager rate (≤1% per year during Storage)
- Long storage life (10 years under room temperature)

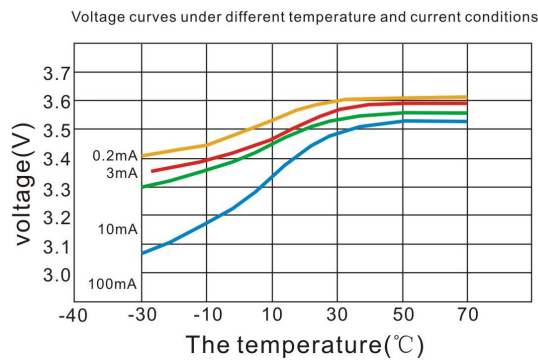
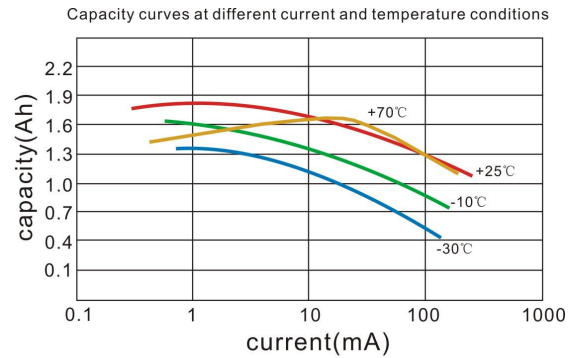
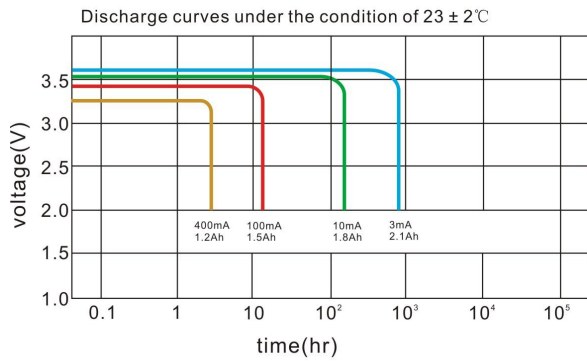
4. Main application

- Intelligent instrument and meter
- Memory and standby power, Alarms and security devices
- Automotive electronics, Electronic toll collection
- Millitary devices

5. Warning

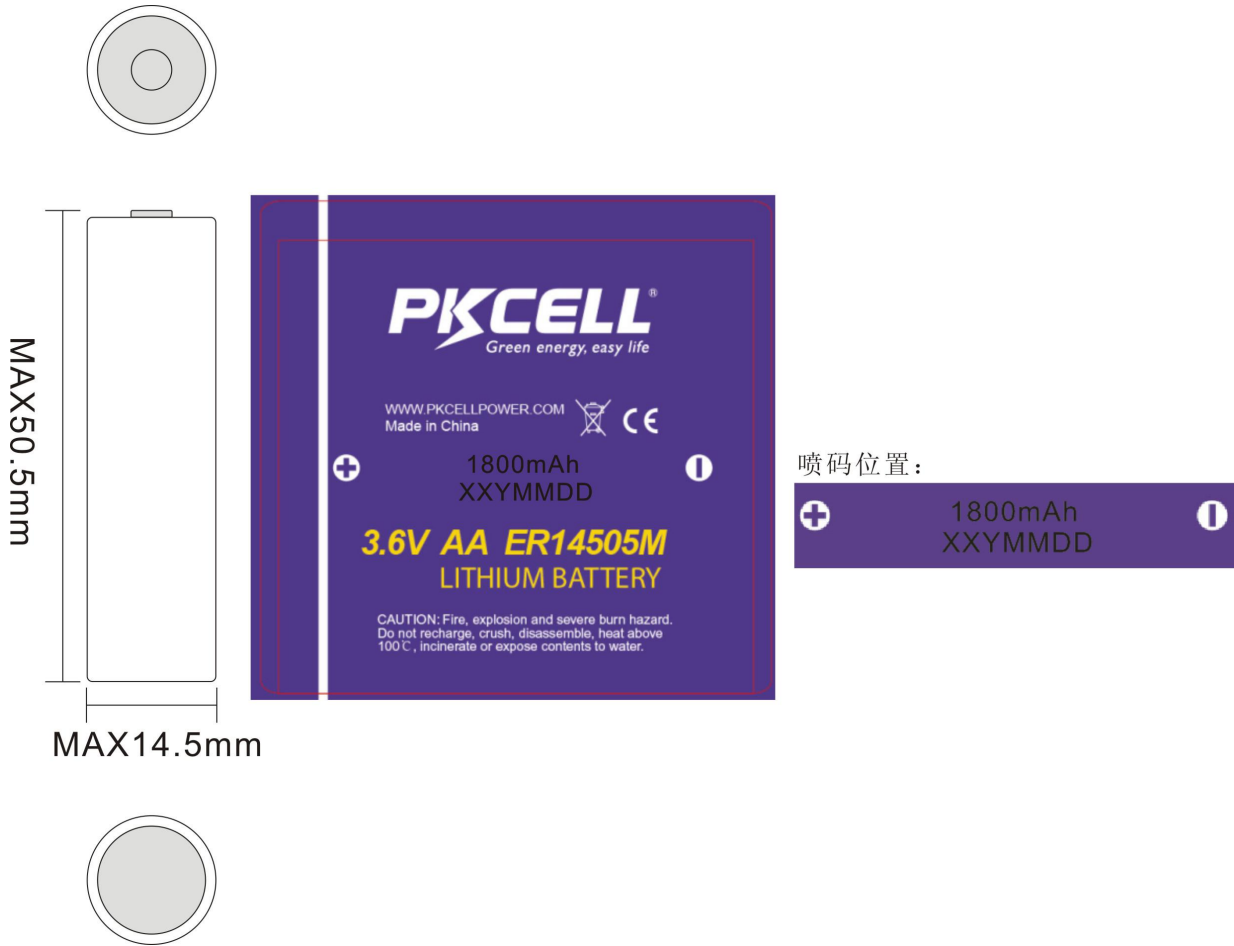
- Fire, explosion and burn hazard.
- Do not recharge, short circuit, crush, disassemble, heat above 100°C incinerate.
- Do not use the battery beyond the permitted temperature range.

6. Discharge performance graph



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7.Dimension:



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