Primary Lithium Battery
Technology Specification

Customer	
Part name	Primary Lithium Battery
Model No	ER18505 4000mAh 3.6V
Serial No	
Produce No	

Approved by		**Drafted by**	Wenfei liang
Checked by		**Signed by**	Xiaojun Nie
Prepared by		**Valid Date**	2018-08-21

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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℃）

No.	Item	General Parameter	Remark
1	Nominal Capacity	4000mAh	Discharge at 2mA to 2.0V
2	Rated Voltage	3.6V	Mean Operation Voltage
3	Max Constant Discharge Current	120mA	—
4	Max Pulse Discharge Current	200mA	—
6	Operating temperature range	-55～85℃	—
7	Avaliable Terminations	**S:**Standard Terminations	Special Termination are avaliable upon request
		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)
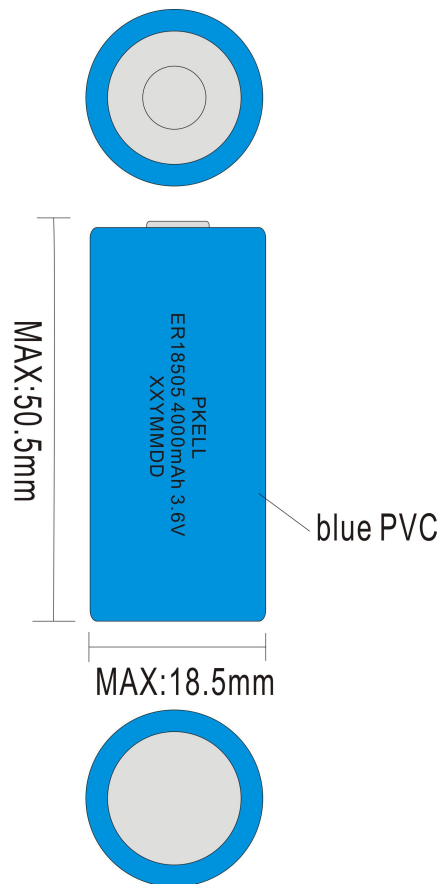● Long storage life (10 years under room temperature)

4. Main application

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

5. Warning

If manufacturer want to modify the product technology specification, we won't inform you additionally)

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

6. Dimension:

MAX:50.5mm

PKELL
ER18505 4000mAh 3.6V
XXYMMDD

blue PVC

MAX:18.5mm

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