

## Primary Lithium Battery Technology Specification

**Customer** \_\_\_\_\_

**Part name** Primary Lithium Battery  
\_\_\_\_\_

**Model No** ER26500 45000mAh 3.6V+HPC1550 (AC402037)  
\_\_\_\_\_

**Serial No** \_\_\_\_\_

**Produce No** \_\_\_\_\_

<b>Approved by</b>		<b>Drafted by</b>	Wenfei liang
<b>Checked by</b>		<b>Signed by</b>	Xiaojun Nie
<b>Prepared by</b>		<b>Date</b>	2024-02-23

Company address: 9th Floor, Block B, Hongrongyuan North Station Center,  
No. 328, Mintang Road, Longhua District, Shenzhen, C  
hina, 518110.

(Tel) : +86-755-86670672

(Fax) : +86-755-86670609

E-mail: [pkcell@pkcell.net](mailto:pkcell@pkcell.net) [pkcell@pkcell.com](mailto:pkcell@pkcell.com)

Website: <http://www.pkcell.net> <http://www.pkcell.com>



## 1.Scope

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

## 2. 1 Product Specification (23±2°C)

No.	Item	General Parameter	Remark
1	Nominal Capacity	45000mAh	Discharge at 2mA to 2.0V
2	Rated Voltage	3.6V	Mean Operation Voltage
3	Max Constant Discharge Current	600mA	—
4	Max Pulse Discharge Current	1200mA	—
6	Operating temperature range	-55~85°C	—
7	Avaliable Terminations	<b>S</b> :Standard Terminations	Special Termination are available upon request
		<b>T</b> : Solder Tabs	
		<b>P</b> :Axial Pins	

## 2.2 HPC1550

System	Hybrid Pulse Capacitor
Version	HPC1550
Nominal voltage	4V
Nominal capacity	840AS @ 3.67V
	1290AS @ 3.90V
	1500AS @ 4.10V
Nominal discharge current	250mA
Max.continuous discharge current	2000mA
Pulse current capability	5000mA
Discharge end voltage	2.5V
Max.charge voltage	4.1V
Nominal charge current	100mA

Temperature range	-40°C~+85°C
Nominal energy	max. 1.0Wh

### 3. Benefits

- High energy density, High voltage, stable during most of the application's lifetime
- Wide range of operating temperature
- Long self-dischager rate ( $\leq 2\%$  per year during Storage)
- Long storage life (10 years under room temperature)

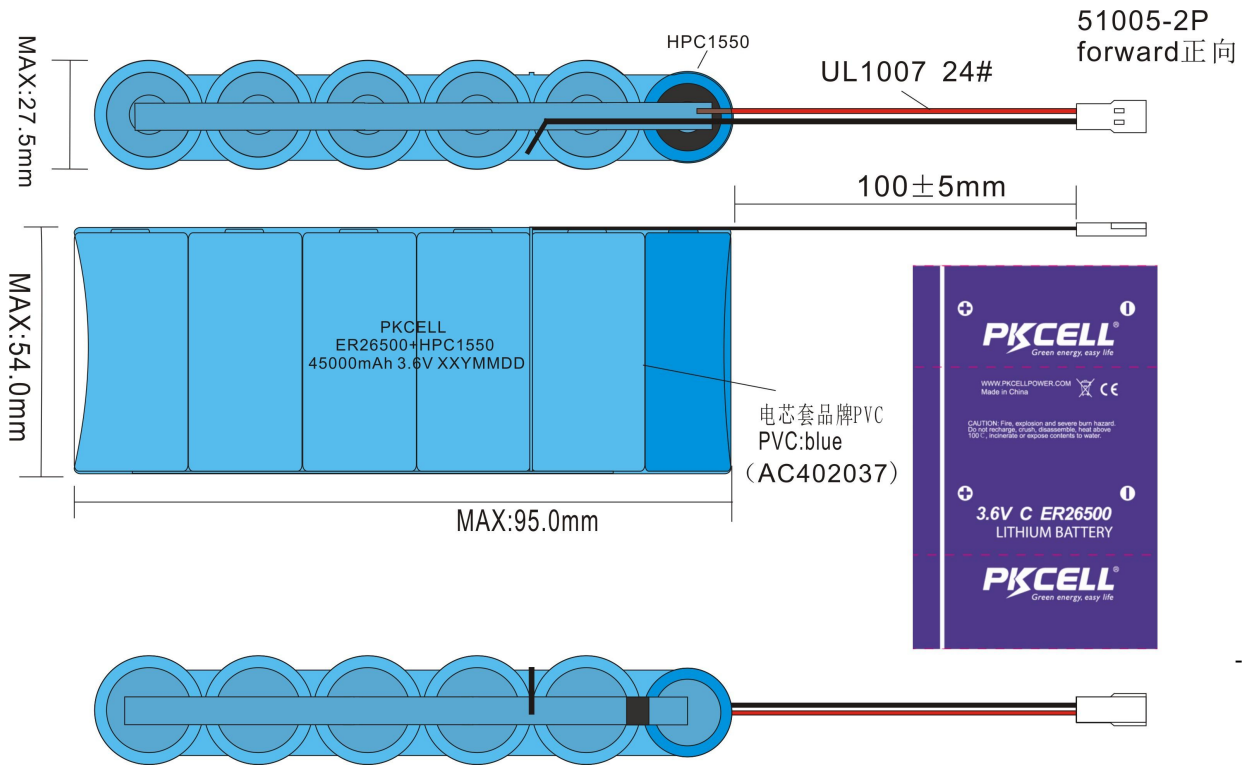
### 4. Main application

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

### 5. Warning

- Fire, explosion and burn hazard.
- Do not recharge, short circuit, crush, disassemble, heat above 100°C -4- incinerate.
- Do not use the battery beyond the permitted temperature range.

**6. Dimension:**



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