

## Primary Lithium Battery Technology Specification

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

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

**Model No** ER26500 27000mAh 3.6V+HPC1520 (AC402032)  
\_\_\_\_\_

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

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

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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. 1 Product Specification (23±2℃)

No.	Item	General Parameter	Remark
1	Nominal Capacity	27000mAh	Discharge at 2mA to 2.0V
2	Rated Voltage	3.6V	Mean Operation Voltage
3	Max Constant Discharge Current	390mA	—
4	Max Pulse Discharge Current	900mA	—
6	Operating temperature range	-55~85℃	—
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 HPC1520

System	Hybrid Pulse Capacitor
Version	HPC1520
Nominal voltage	4V
Nominal capacity	140AS @ 3.67V
	260AS @ 3.90V
	325AS @ 4.10V
Nominal discharge current	50mA
Max.continuous discharge current	500mA
Pulse current capability	1000mA
Discharge end voltage	2.5V
Max.charge voltage	4.1V
Nominal charge current	20mA

Temperature range	-40°C~+85°C
Nominal energy	max. 0.3Wh

### 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)

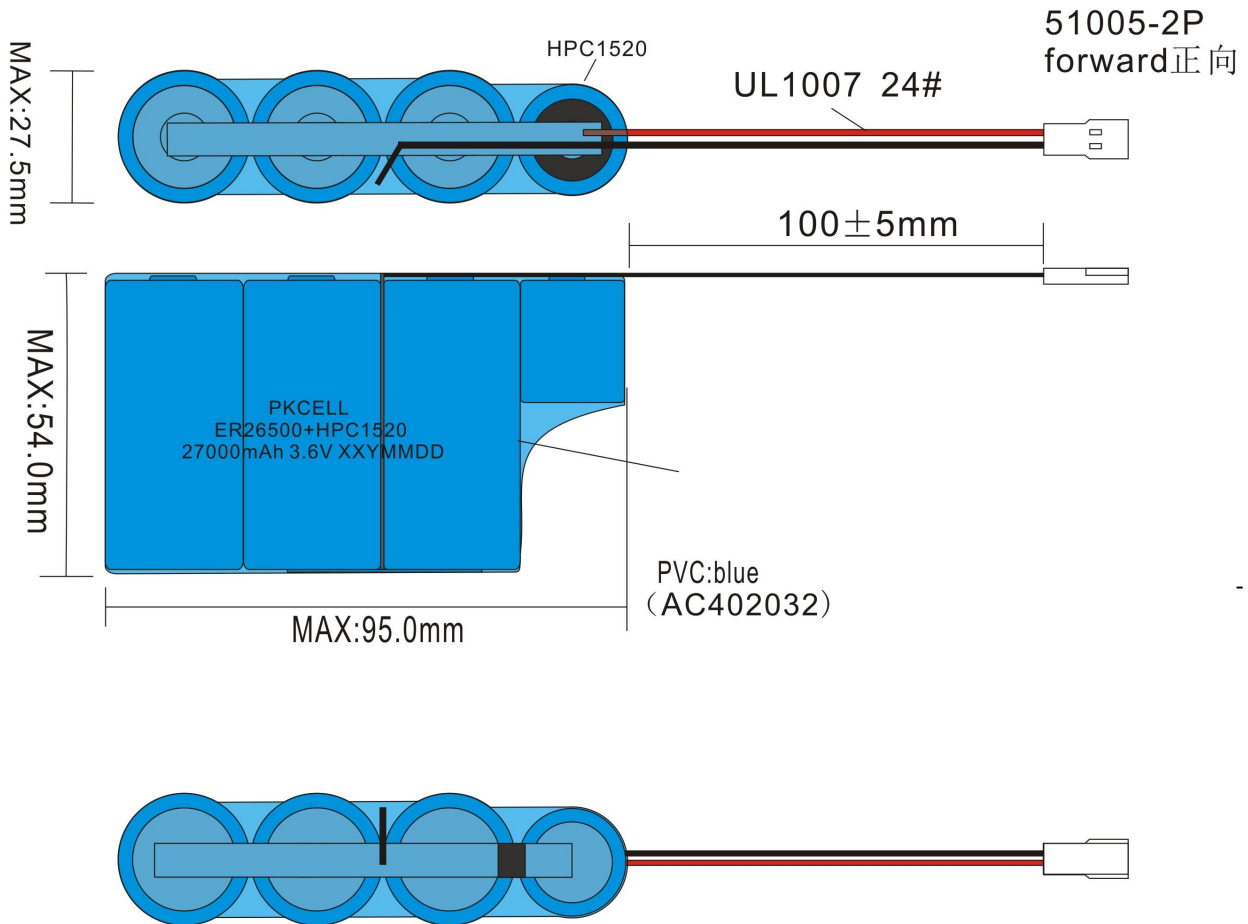
### 4. Main application

- 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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