

Primary Lithium Battery Technology Specification

Customer _____

Part name Primary Lithium Battery

Model No ER34615 19000mAh 3.6V + HPC1550

Serial No _____

Produce No _____

Approved by		Drafted by	Wenfei liang
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Product Modified Record List

Revision	Date	Modified Content	Corrected person
A1	2021-04-25		

ADD: 4th Building, Meitai Technology Park, Guanguang Road, Longhua, Shenzhen, China. 518110

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)

2.1 ER34615

No.	Item	General Parameter	Remark
1	Nominal Capacity	19000mAh	Discharge at 2mA to 2.0V
2	Rated Voltage	3.6V	Mean Operation Voltage
3	Max Constant Discharge Current	200mA	—
4	Max Pulse Discharge Current	400mA	—
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	

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

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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-discharge rate ($\leq 2\%$ per year during Storage)
- Long storage life (10 years under room temperature)

4. Main application

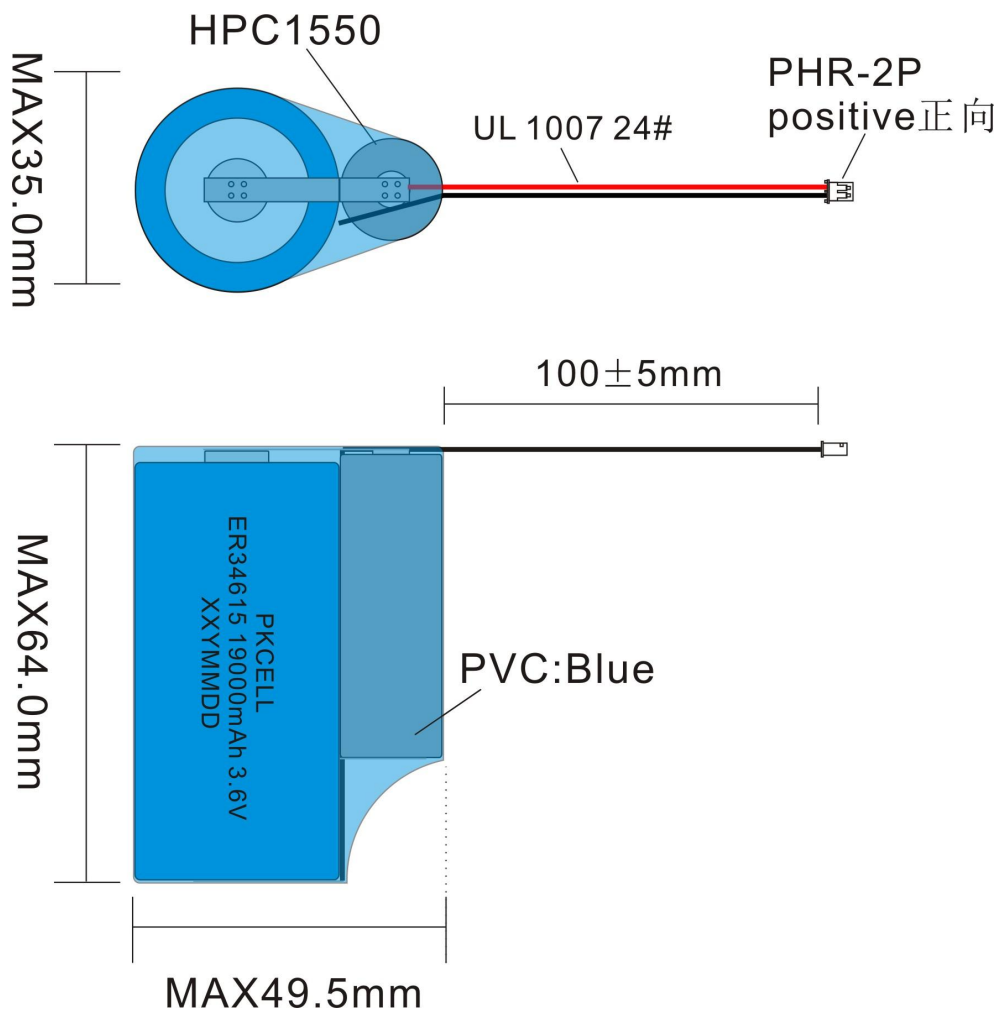
- Intelligent instrument and meter
- Memory and standby power, Alarms and security devices
- Automotive electronics, Electronic toll collection
- Military devices

5. Warning

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

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6. Dimension:



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