

CHEAPE TECHNOLOGY INTERNATIONAL LTD

1.Model: ER14335M

2.Specification

- | | |
|------------------------------------|---|
| 1) Nominal voltage: | 3.6V |
| 2) Nominal capacity: | 1300mAh(0.7mA / 2.0V) |
| 3) Nominal discharge current: | 4mA(850 Ω) |
| 4) Rapid discharge: | 10mA(330 Ω) |
| 5) Discharge end-voltage: | 2.0V |
| 6) Operating voltage: | 3.3V(330 Ω , in 5s) |
| 7) Max constant discharge current: | 200mA |
| 8) Max. pulse current: | 400mA |
| 9) Ambient temperature range: | -55~ +85 $^{\circ}$ C |
| 10) Storage life: | \geq 10 year, Yearly self-discharge \leq 1% |

3. Appearance & Dimension/Weight

- | | |
|--------------------|--------------------------------|
| 1) Appearance: | cylinder shape |
| 2) Max dimension : | ϕ 14.5mm \times h33.5mm |
| 3) Max weight: | 13g |

4. Performance Testing

Unless otherwise request , all tests are carried out in ambient temperature 20 \pm 5 $^{\circ}$ C.

Tests should be made within 45 days after receipt of the batteries.

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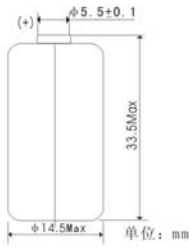
Item	Measuring Procedure	Standard
1.Appearance	Visual check	Clean, unscratched and clearly labeled
2.Dimensions	Measured by calipers with precision of 0.02mm	$\phi 14.5 \times 33.5$ mm max
3.Weight	Weighed by balance with precision of 0.1g	13g max
4.Open-circuit voltage	Measure by volt-meter with precision of 0.01V	≥ 3.65 V
5.Operating voltage	Measure by volt-meter with precision of 0.01V, connecting an impedance of 620Ω in series, Reaching the target voltage in 5 seconds.	≥ 3.45 V
6.Nominal discharge	6200Ω , $20 \pm 2^\circ\text{C}$, Constant discharge to 2.0V.	≥ 1200 mAh
7.Rapid discharge	82Ω , $20 \pm 2^\circ\text{C}$, Constant discharge to 2.0V.	≥ 650 mAh
8. Discharge at high temperature	Put battery in constant ambient temperature of $55 \pm 2^\circ\text{C}$ for 16 hours, discharge at 620Ω to 2.0V/cell.	≥ 1250 mAh
9.Discharge at low temperature	Put battery in constant ambient temperature of $-40 \pm 2^\circ\text{C}$ for 16 hours, discharge at 620Ω to 2.0V/cell	≥ 600 mAh
10.Charge	Prohibited	Prohibited
11.Over-discharge	Prohibited	Prohibited
12.Self discharge	Store the batteries at constant temperature of $20 \pm 5^\circ\text{C}$, Measure the nominal capacity yearly for 10 years.	$\leq 1\%$

Examination procedure & standard

Unless otherwise request, all tests are carried out in ambient temperature $20 \pm 5^\circ\text{C}$. Tests should be made within 45 days after receipt of the batteries.

锂电池

型号: ER14335M



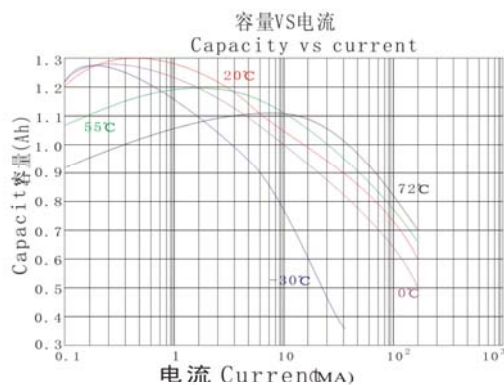
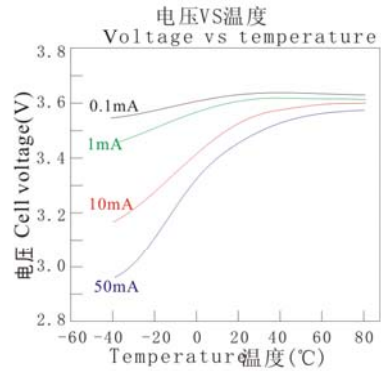
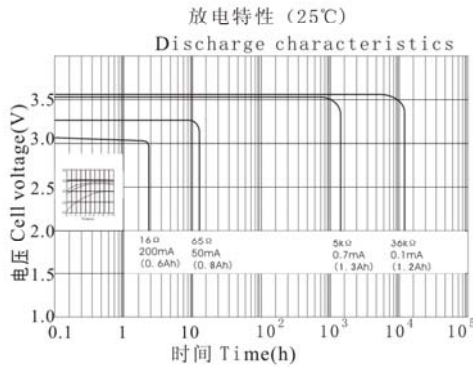
■ 极端样式: Available terminations:

- /P 轴向碰焊线 -/P axial pins
- /PT/2 径向插件 -/T/PT2 radial pins
- /PT/TP 多脚插件 -/PT/TP polarized tabs

■ 特殊极端样式可按客户要求订做
Available terminations can be made as requested.

性能数据:
Characteristics

标称容量(0.7mA-2.0V).....	1.3Ah
Nominal capacity	
额定电压.....	3.6V
Nominal voltage	
最大连续工作电流.....	200mA
Max.constant current	
最大脉冲电流.....	400mA
Max.pulse current	
电池重量.....	13g
Weight	
电池尺寸.....	φ14.5×33.5mm
Volume	
工作温度.....	-55℃~+85℃
Workable temperature	



注意: 电池正负极之间严禁短路、充电、强迫放电、挤压、拆卸、焚烧; 严禁新旧电池或不同类型电池混合使用; 严禁电池正、负极直接焊接、严禁电池正、负极反装。

Caution:

DO not make the battery short-circuit, nor charge, press, dissemble, bum nor forcibly it; Do not use new and used batteries together nor mix different types of batteries; Do not reverse the positive and negative pole of battery while using it. Do not solder directly on battery.