

CHEAPE TECHNOLOGY INTERNATIONAL LTD.

1.Model: ER14335H

2.Specification

- | | |
|------------------------------------|---|
| 1) Nominal voltage: | 3.6V |
| 2) Nominal capacity: | 1600mAh(0.7mA / 2.0V) |
| 3) Nominal discharge current: | 4mA(850k 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: | 50mA |
| 8) Max. pulse current: | 100mA |
| 9) Ambient temperature range: | -55~ +85°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 $20\pm 5^{\circ}\text{C}$.

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

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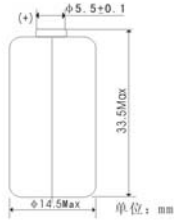
| Item | Measuring Procedure | Standard |
|----------------------------------|---|--|
| 1.Appearance | Visual check | Clean, unscratched and clearly labeled |
| 2.Dimensions | Measured by calipers with precision of 0.02mm | $\phi 14.5 \times 33.5\text{mm max}$ |
| 3.Weight | Weighed by balance with precision of 0.1g | 13g Max |
| 4.Open-circuit voltage | Measure by volt-meter with precision of 0.01V | $\geq 3.65\text{V}$ |
| 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. | $\geq 3.45\text{V}$ |
| 6.Nominal discharge | 6200Ω , $20 \pm 2^\circ\text{C}$, Constant discharge to 2.0V. | $\geq 1200\text{mAh}$ |
| 7.Rapid discharge | 82Ω , $20 \pm 2^\circ\text{C}$, Constant discharge to 2.0V. | $\geq 650\text{mAh}$ |
| 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. | $\geq 1250\text{mAh}$ |
| 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 | $\geq 600\text{mAh}$ |
| 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: ER14335H



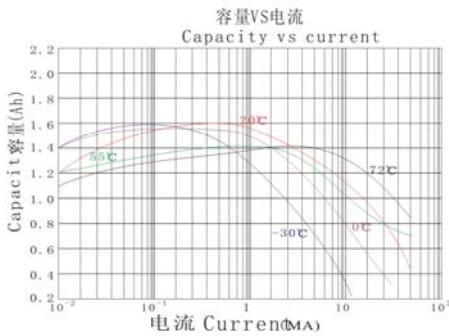
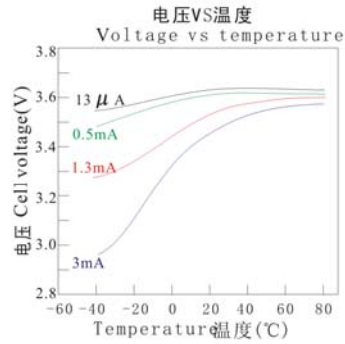
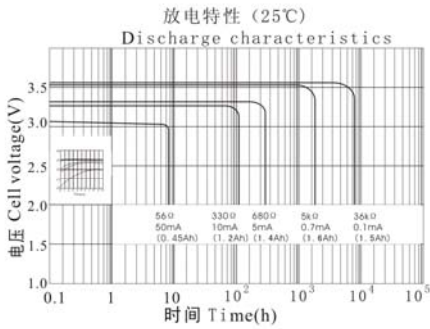
■ 极端样式: Available terminations:

- /P 轴向碰焊线 -/P axial pins
- /T/PT2 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)..... | 1.6Ah |
| Nominal capacity | |
| 额定电压..... | 3.6V |
| Nominal voltage | |
| 最大连续工作电流..... | 50mA |
| Max.constant current | |
| 最大脉冲电流..... | 100mA |
| 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, disassemble, burn 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.