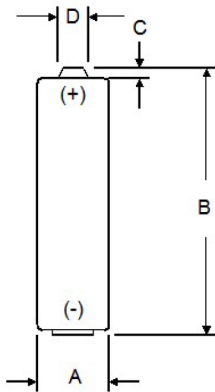
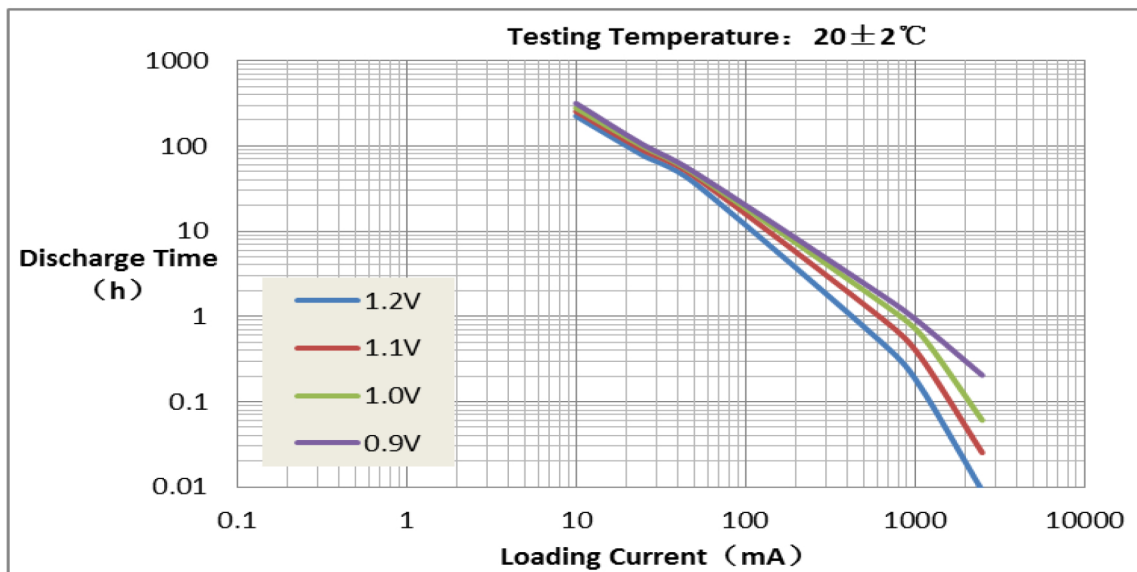


| | | |
|-----------------------|---|---------------------------------------------------|
| Model | : | IEC-LR6 ANSI-AA |
| System | : | Zn/MnO ₂ |
| Nominal Voltage (V) | : | 1.5V |
| Capacity (mAh)* | : | Approximate 2900mAh (10mA-24h/d, 20±2°C, EV=0.8V) |
| Operation Temperature | : | -20°C~54°C |
| Typical Weight | : | 22g |
| Shelf Life | : | 5 Years (storage conditions: 20±2°C, 55±20% RH) |
| Heavy Metal Content | : | Hg≤1ppm, Cd≤20ppm, Pb≤40ppm |



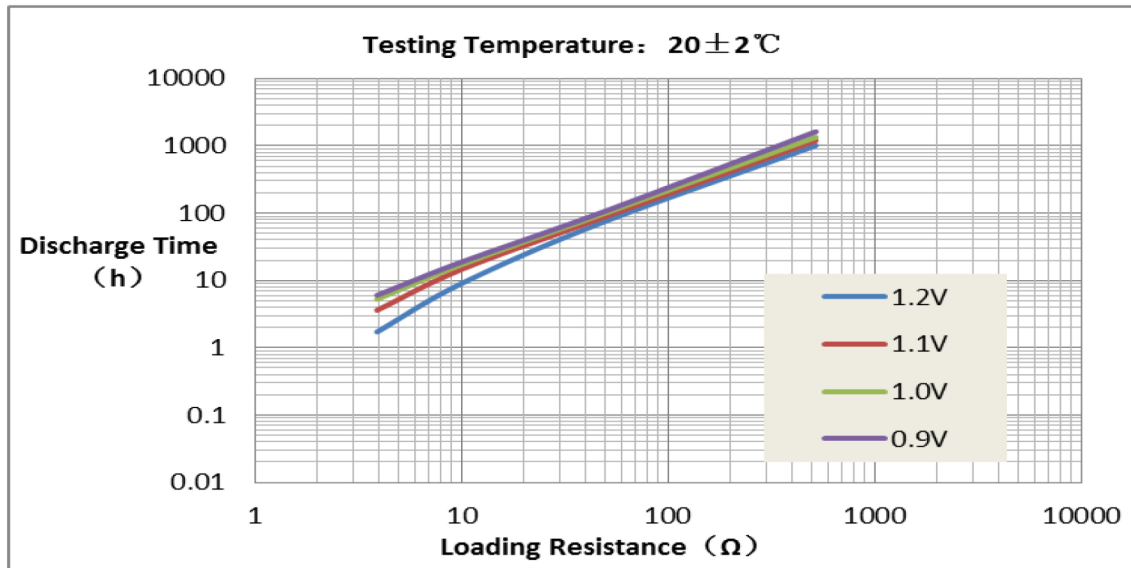
| | Dimension (mm) |
|---------------------------|----------------|
| A – diameter | 13.7 - 14.5 |
| B – overall height | 49.5 - 50.5 |
| C – cap height | 1.0 MIN |
| D – cap diameter | 5.5 MAX |

■ Current Discharge Characteristics



* For reference only.

■ Resistance Discharge Characteristics



■ Anti-leakage Performance

Test conditions: Store 35 days under $60 \pm 2^\circ\text{C}$ and $90 \pm 5\%$ RH, then put them under normal atmospheric temperature for 4~24 hours.

Sample quantity: 10 batteries

Requirement: No visible leakage, no explosion.

■ Safety Performance (Test environmental conditions: $20 \pm 2^\circ\text{C}$, $55 \pm 20\%$ RH)

| No. | Safety Test Items | Test Method | Sample Quantity | Specification |
|-----|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------|
| 1 | Storage after partial use | Place the discharged battery (3.9Ω -1h/d, 2.5h) under an environmental condition of Temp. $45 \pm 5^\circ\text{C}$ for 30 days | 5 pcs | No leakage, No Explosion, No Fire |
| 2 | Transportation shock | IEC 60086-5 | 5 pcs | No leakage, No Explosion, No Fire |
| 3 | Transportation vibration | IEC 60086-5 | 5 pcs | No leakage, No Explosion, No Fire |
| 4 | Climatic-temperature cycling | Place the battery in the temperature cycling procedure between -20°C and 70°C for 10 cycles | 5 pcs | No Explosion, No Fire |
| 5 | Incorrect installation | Keep four un-discharged batteries from the same batch series connected with one of them (the Test Battery) reversed. The circuit shall be completed for 24h. | 5 groups | No Explosion, No Fire |

| | | | | |
|---|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|
| 6 | External short circuit | Keep the battery external short-circuit for 24hours under the specified condition. | 5 pcs | No Explosion, No Fire |
| 7 | Over-discharge | IEC 60086-5 (1 discharged battery + 3 undischarged batteries) | 5 groups | No Explosion, No Fire |
| 8 | Free fall | The battery shall be dropped from a height of 1m onto a concrete surface. Each battery shall be dropped six times, and twice on each of the three axes. The battery shall be stored for 1h afterwards. | 5pcs | No Explosion, No Fire |

■ **6. USAGE GUIDE** (Please refer to IEC60086.5 for detailed safety and storage specifications.)

- (1) Insert batteries correctly with regard to the polarities (“+”/“-”) marked on the battery and the electrical appliances;
- (2) Do not short-circuit, recharge, heat, disassemble the battery, or dispose of in fire;
- (3) Do not mix use old batteries with new ones, or mix use batteries of different types or brands;
- (4) Exhausted batteries should be immediately removed from the equipment;
- (5) Keep the batteries away from small children; do not let the child remove/ replace batteries without monitoring from adults.
- (6) Storage condition of the batteries shall be Temperature: 15°C~25°C (no higher than 30°C), while extremely damp environment beyond RH: 40%~90% shall also be avoided. Naked battery is recommended to be stored after being labeled.

■ **7. Transport Information** (* N/A = Not applicable)

- (1) UN number: N/A *
- (2) UN proper shipping name: N/A
- (3) Transport hazard class(es) : N/A
- (4) Packing group, if applicable: N/A
- (5) Environmental hazards (e.g., Marine pollutant (Yes/No)) No.
- (6) Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):

The product can be treated as ordinary goods in transportation;

Products in bulk shall be packed in inner packaging in such a manner that can prevent movement or short-circuit effectively.

(7) Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises:

Avoid high-temperature, high-humidity condition.

*** End ***