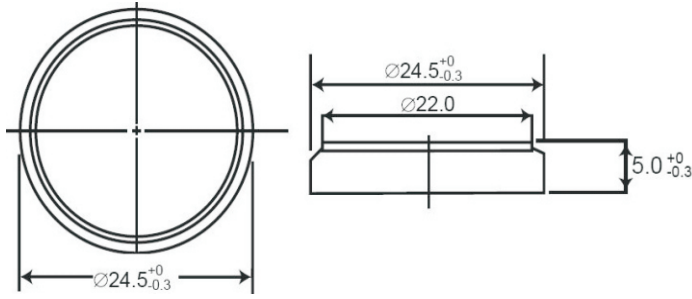


# SPECIFICATION



CR2450 3.0V

## Electrical characteristics

(Typical values relative to cells stored for one year at +30 °C max)

|  |                 |
|--|-----------------|
| <ul style="list-style-type: none"> <li>Nominal capacity</li> </ul> <p>Discharged capacity at 0.4mA, +25 °C, 2.0V cut off</p>   | 500mAh          |
| <ul style="list-style-type: none"> <li>Nominal voltage</li> </ul>  | 3.0V            |
| <ul style="list-style-type: none"> <li>Max. recommended continuous current</li> </ul> <p>Discharged to 2.0V at +25 °C permitting 50% of the nominal capacity to be achieved</p>                  | 3mA             |
| <ul style="list-style-type: none"> <li>Max. Pulse capability</li> </ul> <p>Current value is obtaining 2.0V cell voltage when pulse is applied for 15 seconds at 50% discharge depth at 25 °C</p> | 15mA            |
| <ul style="list-style-type: none"> <li>Operating temperature rang</li> </ul>   | -30 °C ~ +60 °C |
| <ul style="list-style-type: none"> <li>Weight (approx. )</li> </ul>  | 6.2g            |

## Key features

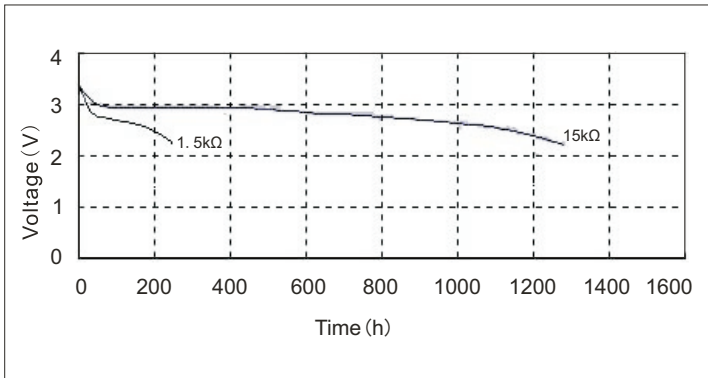
- High and stable operating voltage
- Low self-discharge rate
  - Annual self-discharge rate lower than 2% at +20 °C
- High energy density
- Glass to metal seal
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport

UL Component Recognition  
File Number MH46165

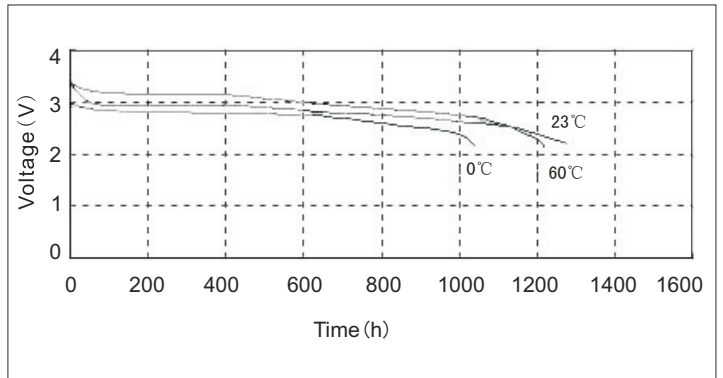
## Main applications

- Alarms or security equipment
- Smoke detectors
- Memory backup
- Real time clock
- Portable computers
- Electronic equipment (watches, calculators, etc.)
- Medical equipment
- .....

Discharge characteristics at 25 °C



Discharge curve in different temperatures (7.5kΩ)



## STORAGE:

Stored in clean, dry and cool circumstances (the temperature should be 20 degrees or lower, less than 30 degrees)

## WARNING:

Don't charge, crush, disassemble, expose contents to water, heat above 100 °C or may lead to explosion, burn or poison goods leakage. Discarded battery should be buried deeply to the ground.