

### LITHIUM BATTERIES



Cell size references:CR9 V

#### Electrical characteristics

(Stored for one year or less)

|                                                                                                                                          |              |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| ◉ Nominal Capacity<br>(0.5mA to 5.4V, at 25°C)                                                                                           | 1000mAh      |
| ◉ Nominal voltage                                                                                                                        | 9.0V         |
| ◉ Max continuous discharge current                                                                                                       | 7mA          |
| ◉ Max. Pulse current<br>Current value is obtaining 5.4V cell voltage when pulse is applied for 15 seconds at 50% discharge depth at 25°C | 70mA         |
| ◉ Storage temperature                                                                                                                    | 20°C ~ 30°C  |
| ◉ Operating temperature                                                                                                                  | -40°C ~ 60°C |
| ◉ Weight(approx)                                                                                                                         | 37g          |

**WARNING:**

Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 100°C, incinerate or expose contents to water.

## CR9V 1000mAh

Three CR14250H in series  
lithium-manganese dioxide batteries

#### Key features

- High and stable operating voltage
- Low self-discharge rate  
Less than 1% after 1 year of storage at 20°C
- Stainless steel container
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport

UL Component Recognition  
File Number MH 45782

#### Main applications

- TPMS
- Alarms and security system
- Memory back-up
- Tracking system
- Automotive electronics
- Professional electronics
- Computer real-time clocks

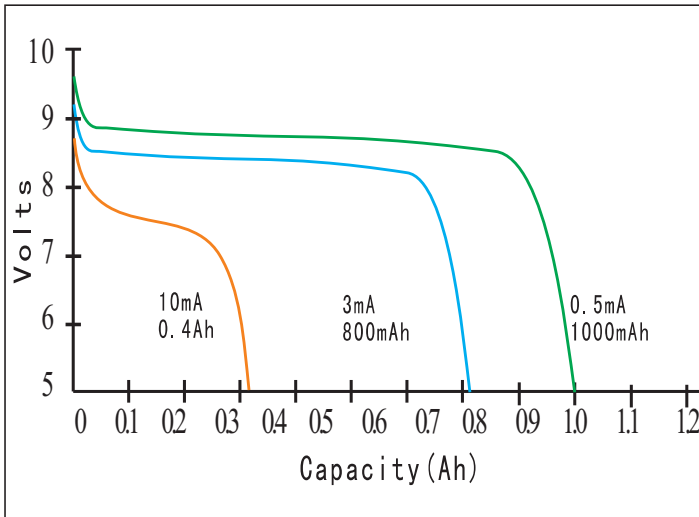
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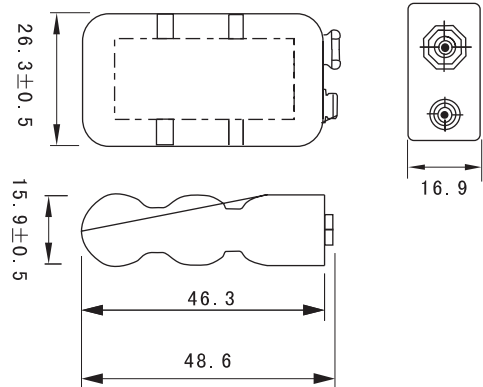
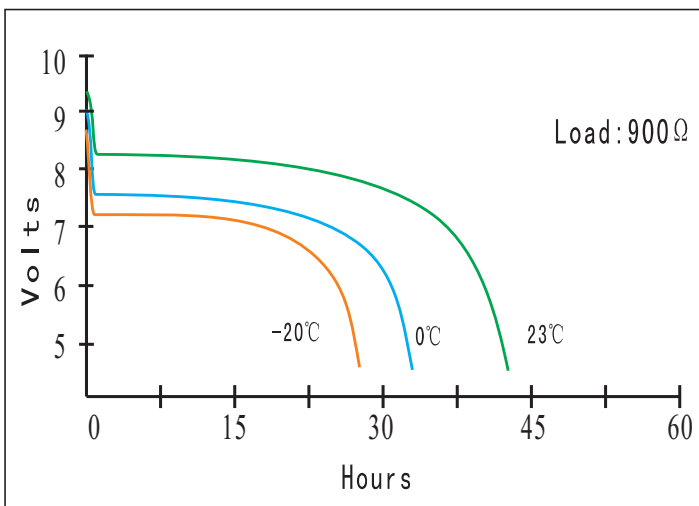
## CR9V 1000mAh

For high drain/high pulses  
lithium manganese dioxide batteries

Typical discharge at 25°C



Voltage plateau versus Current and Temperature



Unit: mm