

SPECIFICATION



ER9V 9V

3 ER14250H in series

Electrical characteristics

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

○ Nominal capacity	1200mAh
Discharged capacity at 1mA, +25 °C, 6.0V cut off	
○ Open circuit voltage	10.8V
○ Max. recommended continuous current	25mA
Discharged to 6.0V at +25 °C permitting 50% of the nominal capacity to be achieved	
○ Max. Pulse capability	100mA
100mA, 0.1 second pulses every 2 minutes, drained with 50%, 1mA at 25 °C from undischarged cells with 20µA base current, yield voltage readings above 6V, the value may vary according to the pulse characteristics, the temperature and the cell's previous history	
○ Operating temperature rang	-55 °C ~ +85 °C

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 85 °C or may lead to explosion, burn or poison goods leakage. Discarded battery should be buried deeply to the ground.

Key features

- High and stable operating voltage
- Long shelf life
- Annual self-discharge rate lower than 1% at +25 °C
- Long operating life
- High energy density (700wh/kg)
- Wide operating temperature rang
- Stainless steel can and cover
- Hermetic glass-to-metal sealing
- Non-flammable electrolyte
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport

 UL Component Recognition
File Number MH46165

R o H S 

Main applications

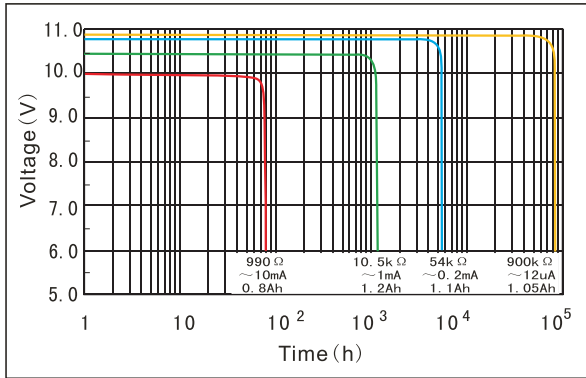
- Public instrument
- Alarms or security equipment
- Memory backup
- Smoke detectors
- Professional electronic equipment
- Real time clock

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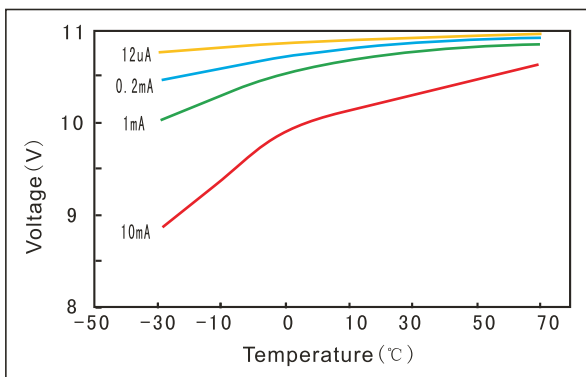
ER9V

1200mAh

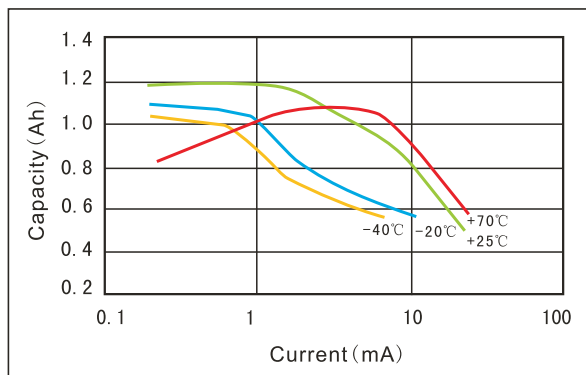
Discharge characteristics at 25°C



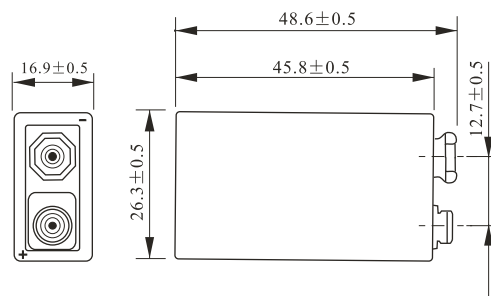
Voltage vs Temperature curve



Capacity vs Current curve (cut off with 6.0V)

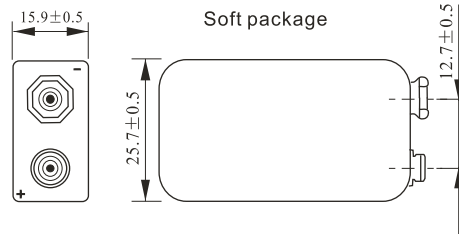


Hard plastic casing



Dimensions in mm
Weight: 33g

Soft package



Dimensions in mm
Weight: 31g

Data in this page is subject to change without notice and becomes contractual only after written confirmation by Fute.

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