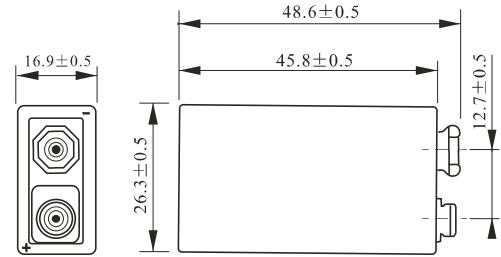


ER9V

Electrical characteristics

Typical values relative to cells stored for one year

Nominal capacity (Discharged capacity at 0.5mA, +25°C, 2V cut off)	1200mAh
Nominal voltage	10.8V
Max.recommended continuous current (Discharged to 2V at +25°C permitting 50% of the Nominal capacity to be achieved)	25mA
Max. Pulse current 100mA, 0.1 second pulses every 2 minutes, drained with 50%, 2mA at 25°C from undischarged cells with 20µA base current, yield voltage readings above 2.7V, the value may vary according to the pulse characteristics, the temperature and the cell's previous history.	100mA
Storage	Max 30°C
Operating temperature range	-55~+85°C
Weight	≈33g



Dimensions in mm

Key features

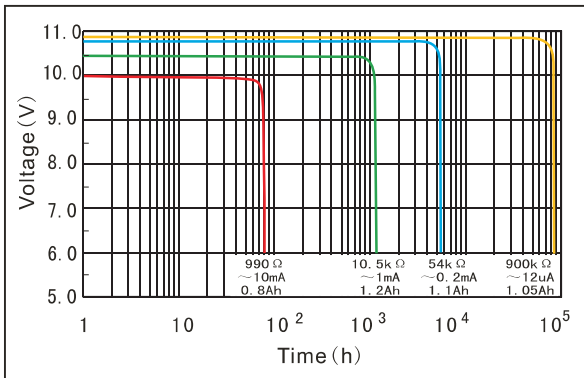
- High and stable operating voltage
- Stainless steel container and end caps
- High energy density
- Compliant with IEC86-4 safety standard
- Hermetic glass-to-metal sealing ● Long operating life
- Low self-discharge rate (less than 1% at 25 °C)
- Wide temperature range
- Non-flammable electrolyte

Main Applications

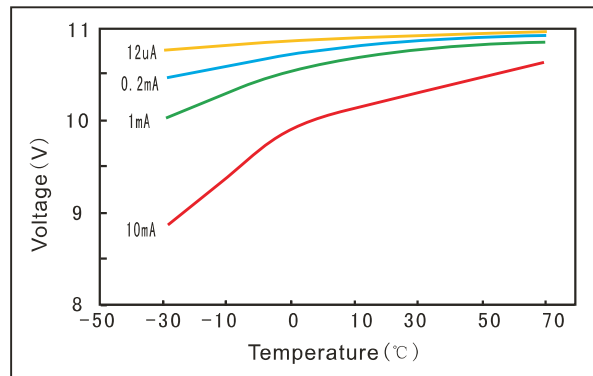
- Utility metering ● Real-time clock
- Smoke detector ● Professional electronics
- Memory back-up power ● Alarm and security devices

Special terminal can be made according to customer's requirement

Discharge characteristics at 25°C



Voltage vs. Current an Temperature



Capacity vs. current and Temperature

