

LITHIUM PRIMARY BATTERIES



CR10450
3.0V 500mAh

Lithium-manganese Diocise batteries

Cell size references:AAA

Electrical characteristics

(Stored for one year or less)

Normina capacity (At 1mA, +25°C, 2.0V cut off)	500mAh
Rated voltage	3.0V
Max. recommended continuous current Current value is determind to be the level at which of the nominal capacity is obtained with an end voltage of 2.0V at +25°C	300mA
Max. Pulse current Current value is obtaining 2.0V cell voltage when pulse is applied for 15 seconds at 50% discharge depth at 25°C	6000mA
Storage(recommended max.temperature)	30°C
Operating temperature rang	-20°C ~ +60°C
Weight(approx)	10g

WARNING:

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

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
- Professinal electronics
- Computer real-time clocks

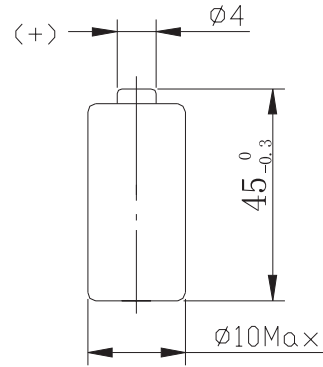
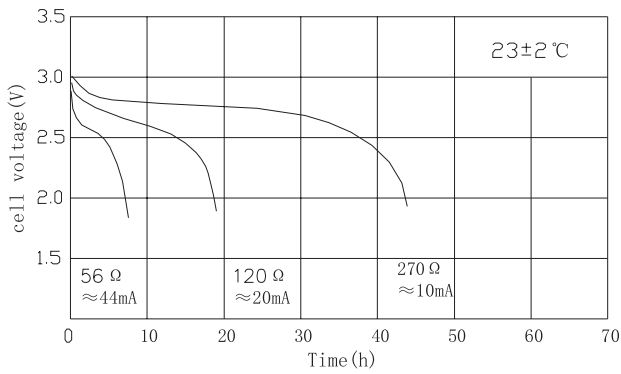
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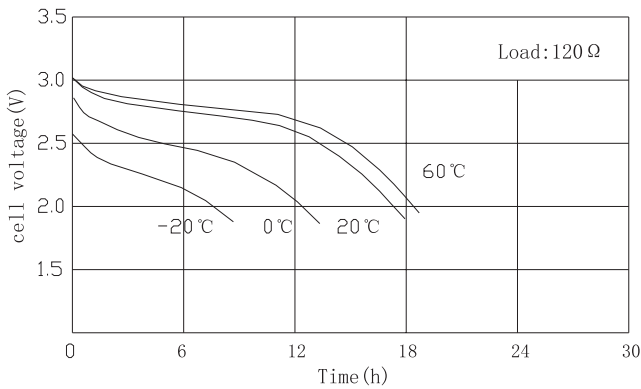
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Typical discharge profiles at 25°C



Voltage plateau versus Current and Temperature



Dimensions in mm

Available Terminations	
-/P	Axial Pin
-/T /PT2	Radial Pin
-/PT /TP	Polarized Tab