

# CR123A - Lithium Batteries

3V Lithium Metal batteries (Li/MnO<sub>2</sub>)  
 Non-Rechargeable Batteries

CR123A batteries cell design allows for stable high voltage response

CR123A batteries provide highly reliable performance with superb corrosion resistance

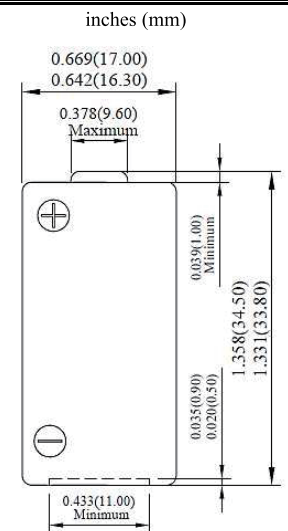


## FEATURES

HIGH-CAPACITY DESIGN ASSURES EXTENDED PERFORMANCE IN DEMANDING APPLICATIONS
EXCELLENT DISCHARGE PERFORMANCE AT EXTREMELY LOW TEMPERATURES
WIDE OPERATING TEMPERATURE RANGE: -40 °F – 140 °F (-40 °C – 60 °C)
10 YEARS GUARANTEED POWER HOLDING IN STORAGE
FRIENDLY TO THE ENVIRONMENT (ZERO MERCURY, CADMIUM & LEAD)
100% SAFE OPERATION
COMPLIANT WITH ANSI 18.3 (part 1 & 2) & IEC 60086 (part 1, 2, 4)
COMPLIANT WITH UN MANUAL OF TESTS & CRITERIA 38.3 TEST REQUIREMENTS

SKU PART #	IM-CR123A
UPC	840049304635
Chemical Composition:	Lithium Manganese Dioxide Li Metal Content: 0.56 Grams
Nominal Voltage:	3.0VDC
Nominal Capacity:	1,500mAh (Discharge at 10mA to 2.0V at 73.4 °F/23 °C)
Weight:	Approx. 0.57oz. (16gr.)

## Industry Standard Dimensions



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Shelf Life/ No Leak Guarantee:	10 years (73.4 °F/23 °C)
Standard / Max. Constant Current:	10mA/1,500mA (73.4 °F/23 °C)
Recommended Storage Temperature Range (storage area should be clean, cool, dry and ventilated):	41°F ~ 86 °F (5 °C ~ 30 °C)
Operating Temperature Range:	-40 °F ~ +140 °F (-40 °C ~ +60 °C)
Quality, Safety and Environment standards:	IEC 60086-1-2-4, ANSI C18.3 Part 1 & 2, UN38.3 Recognized; RoHS and EU battery directive 2006/66/EC; ISO 9001, ISO 14001

### Additional Information

- This battery contains a Positive Temperature Coefficient (PTC) safety device to limit current during short circuit conditions.
- Warnings: Fire, explosion and burn hazard; Do not recharge, crush, disassemble, short circuit, mix batteries, heat above 212 °F (100 °C), incinerate, or expose contents to water.
- Keep away from small children
- If swallowed, seek IMMEDIATE medical care
- 24-Hour Emergency Response Service – call 571.766.3957 (US/CA)
- Do not mix with other battery types
- Keep batteries in original package until ready to use
- Replace all batteries at the same time
- Do not carry loose batteries in your pocket or bag
- LITHIUM METAL BATTERIES - FORBIDDEN FOR TRANSPORT ABOARD PASSENGER AIRCRAFT

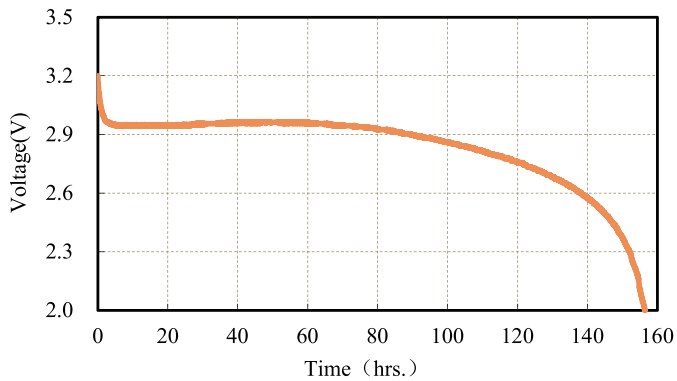
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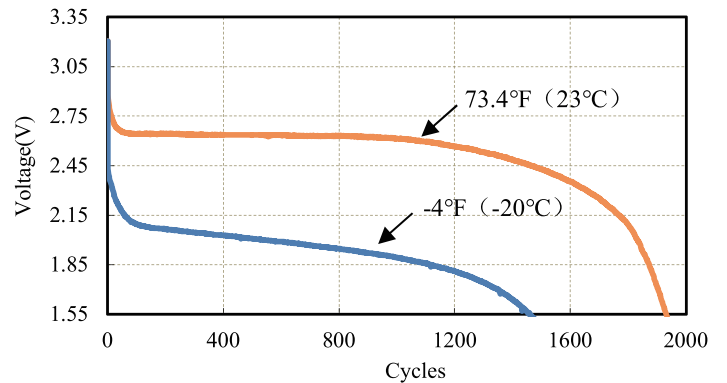
## Performance Characteristics

10mA continuous discharge to 2.0V at 73.4°F (23°C)



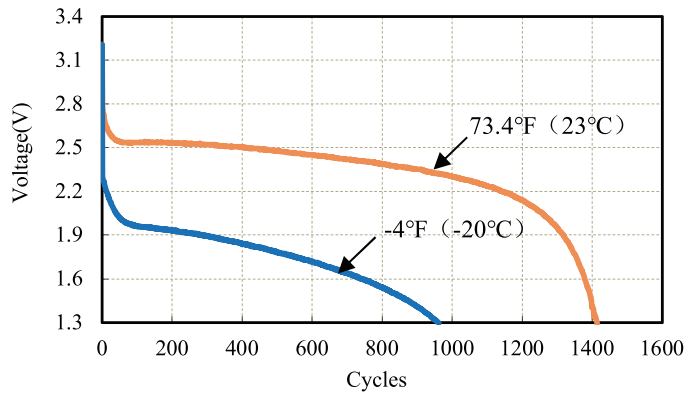
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900mA (3s on/27s off) at 73.4°F & -4°F (23°C & -20°C)



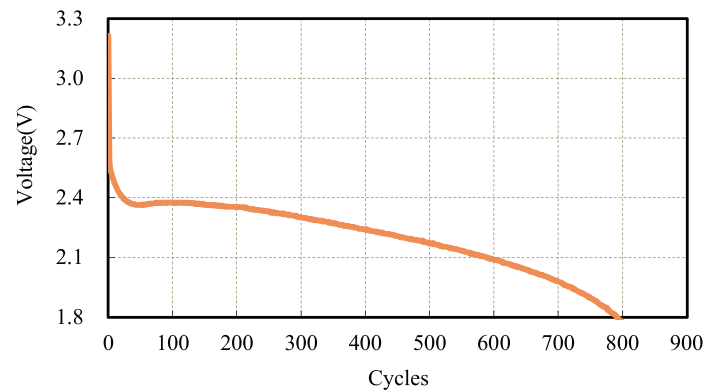
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1,200mA (3s on/7s off) at 73.4°F & -4°F (23°C & -20°C)



Photoflash

1,800mA (3s on/7s off) at 73.4°F (23°C)



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