

# CR2450 Lithium Coin Cell Battery

The CR2450 is a 3V lithium coin cell battery. It features a nominal capacity of 600mAh and an operating temperature range of -20 to 70 .



## Overview

### High-Performance CR2450 Lithium Coin Cell

This CR2450 lithium manganese dioxide coin cell battery is engineered for professional electronic applications requiring a reliable and consistent power source. With a 3V nominal voltage and a 600mAh capacity, it provides long-lasting energy for demanding devices. The battery is designed for stability across a wide temperature range and features robust leakage resistance for safe operation.

## Electrical Specifications

Nominal Voltage	3 V
Nominal Capacity	600 mAh
Operating Temperature Range	-20 to 70

## Physical Dimensions

### Dimensions

**24.5 mm**  
Diameter

**5 mm**  
Height

Approximate Weight	6.6 g
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## Performance Data

### Minimum Average Duration (7.5k@oad)

Test Condition	Duration
Initial Test (New battery)	1450h
After 12 Months	1370h

### Voltage Stability

Parameter	Initial (V)	After 12 Months (V)
Open Circuit Voltage	3.10 - 3.45	3.10 - 3.45
Closed Circuit Voltage (7.5k@)	3.10 - 3.45	3.00 - 3.45

## Quality & Compliance

Quality Features	No Leakage, High Temperature Resistance, Smooth Appearance, Clear Marking
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