Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR1025**

- **Dimensions (mm)**
  
  ![Diagram of CR1025 dimensions]
  
  Weight: 0.7g

- **Specification**
  
  | Nominal voltage (V) | 3 |
  | Nominal capacity (mAh) | 30 |
  | Continuous standard load (mA) | 0.1 |
  | Operating temperature (C) | -30 ~ +60 |

- **Temperature Characteristics**
  
  ![Graph of Voltage vs. Duration for CR1025]

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**
  
  ![Graph of Voltage vs. Load for CR1025]

- **Capacity vs. load resistance**
  
  ![Graph of Capacity vs. Load for CR1025]

**CR1216**

- **Dimensions (mm)**
  
  ![Diagram of CR1216 dimensions]
  
  Weight: 0.7g

- **Specification**
  
  | Nominal voltage (V) | 3 |
  | Nominal capacity (mAh) | 25 |
  | Continuous standard load (mA) | 0.1 |
  | Operating temperature (C) | -30 ~ +60 |

- **Temperature Characteristics**
  
  ![Graph of Voltage vs. Duration for CR1216]

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**
  
  ![Graph of Voltage vs. Load for CR1216]

- **Capacity vs. load resistance**
  
  ![Graph of Capacity vs. Load for CR1216]
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR1025**

- Dimensions (mm)

  ![Image of CR1025 dimensions]

  Weight: 0.7g

- Specification

  | Nominal voltage (V) | 3 |
  | Nominal capacity (mAh) | 30 |
  | Continuous standard load (mA) | 0.1 |
  | Operating temperature (C) | -30 ~ +60 |

- Temperature Characteristics

  ![Graph of CR1025 operating voltage vs. load resistance]

- Operating voltage vs. load resistance (voltage at 50% discharge depth)

  ![Graph of CR1025 capacity vs. load resistance]

- Capacity vs. load resistance

**CR1216**

- Dimensions (mm)

  ![Image of CR1216 dimensions]

  Weight: 0.7g

- Specification

  | Nominal voltage (V) | 3 |
  | Nominal capacity (mAh) | 25 |
  | Continuous standard load (mA) | 0.1 |
  | Operating temperature (C) | -30 ~ +60 |

- Temperature Characteristics

  ![Graph of CR1216 operating voltage vs. load resistance]

- Operating voltage vs. load resistance (voltage at 50% discharge depth)

  ![Graph of CR1216 capacity vs. load resistance]

- Capacity vs. load resistance
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR1220**

- **Dimensions (mm)**
  - Weight: 1.2g

- **Specification**
  | Nominal voltage (V) | 3 |
  | Nominal capacity (mAh) | 35 |
  | Continuous standard load (mA) | 0.1 |
  | Operating temperature (°C) | -30 ~ +60 |

- **Temperature Characteristics**
  - [Graph showing voltage vs. duration at different temperatures]

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**
  - [Graph showing voltage vs. load at different temperatures]

- **Capacity vs. load resistance**
  - [Graph showing capacity vs. load at 20°C]

**CR1612**

- **Dimensions (mm)**
  - Weight: 0.8g

- **Specification**
  | Nominal voltage (V) | 3 |
  | Nominal capacity (mAh) | 40 |
  | Continuous standard load (mA) | 0.1 |
  | Operating temperature (°C) | -30 ~ +60 |

- **Temperature Characteristics**
  - [Graph showing voltage vs. duration at different temperatures]

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**
  - [Graph showing voltage vs. load at different temperatures]

- **Capacity vs. load resistance**
  - [Graph showing capacity vs. load at 20°C]
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR1220**

- **Dimensions (mm)**
  - Weight: 1.2g

- **Specification**
  - Nominal voltage (V): 3
  - Nominal capacity (mAh): 35
  - Continuous standard load (mA): 0.1
  - Operating temperature (°C): -30 ~ +60

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**

**CR1612**

- **Dimensions (mm)**
  - Weight: 0.8g

- **Specification**
  - Nominal voltage (V): 3
  - Nominal capacity (mAh): 40
  - Continuous standard load (mA): 0.1
  - Operating temperature (°C): -30 ~ +60

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR1616**

- **Dimensions (mm)**
  - [Diagram]
  - Weight: 1.2g

- **Specification**
  - Nominal voltage (V): 3
  - Nominal capacity (mAh): 55
  - Continuous standard load (mA): 0.1
  - Operating temperature (C): -30 ~ +60

- **Temperature Characteristics**
  - Graph showing voltage (V) vs. duration (h) at different temperatures.

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**
  - Graph showing voltage (V) vs. load (kΩ) at different temperatures.

- **Capacity vs. load resistance**
  - Graph showing capacity (mAh) vs. load (kΩ) at different temperatures.

**CR1620**

- **Dimensions (mm)**
  - [Diagram]
  - Weight: 1.3g

- **Specification**
  - Nominal voltage (V): 3
  - Nominal capacity (mAh): 75
  - Continuous standard load (mA): 0.1
  - Operating temperature (C): -30 ~ +60

- **Temperature Characteristics**
  - Graph showing voltage (V) vs. duration (h) at different temperatures.

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**
  - Graph showing voltage (V) vs. load (kΩ) at different temperatures.

- **Capacity vs. load resistance**
  - Graph showing capacity (mAh) vs. load (kΩ) at different temperatures.
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR1616**
- **Dimensions (mm)**
- **Weight**: 1.2g
- **Specification**
  - **Nominal voltage (V)**: 3
  - **Nominal capacity (mAh)**: 55
  - **Continuous standard load (mA)**: 0.1
  - **Operating temperature (C)**: -30 ~ +60
- **Temperature Characteristics**
- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**
- **Capacity vs. load resistance**

**CR1620**
- **Dimensions (mm)**
- **Weight**: 1.3g
- **Specification**
  - **Nominal voltage (V)**: 3
  - **Nominal capacity (mAh)**: 75
  - **Continuous standard load (mA)**: 0.1
  - **Operating temperature (C)**: -30 ~ +60
- **Temperature Characteristics**
- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**
- **Capacity vs. load resistance**
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR1632**

- **Dimensions (mm)**
  - Ø16.5 x 3.1
  - Weight: 1.8g

- **Specification**
  - Nominal voltage (V): 3
  - Nominal capacity (mAh): 140
  - Continuous standard load (mA): 0.1
  - Operating temperature (°C): -30 ~ +60

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**

**CR2012**

- **Dimensions (mm)**
  - Ø20 x 3.5
  - Weight: 1.4g

- **Specification**
  - Nominal voltage (V): 3
  - Nominal capacity (mAh): 55
  - Continuous standard load (mA): 0.1
  - Operating temperature (°C): -30 ~ +60

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

CR2016

- **Dimensions (mm)**

![Dimensions](dd)

- **Weight**: 1.6g

- **Specification**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal voltage (V)</td>
<td>3</td>
</tr>
<tr>
<td>Nominal capacity (mAh)</td>
<td>90</td>
</tr>
<tr>
<td>Continuous standard load (mA)</td>
<td>0.1</td>
</tr>
<tr>
<td>Operating temperature (°C)</td>
<td>-30 ~ +60</td>
</tr>
</tbody>
</table>

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

![Operating Voltage](dd)

- **Capacity vs. load resistance**

![Capacity](dd)

CR2025

- **Dimensions (mm)**

![Dimensions](dd)

- **Weight**: 2.3g

- **Specification**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal voltage (V)</td>
<td>3</td>
</tr>
<tr>
<td>Nominal capacity (mAh)</td>
<td>165</td>
</tr>
<tr>
<td>Continuous standard load (mA)</td>
<td>0.2</td>
</tr>
<tr>
<td>Operating temperature (°C)</td>
<td>-30 ~ +60</td>
</tr>
</tbody>
</table>

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

![Operating Voltage](dd)

- **Capacity vs. load resistance**

![Capacity](dd)
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR2016**

- **Dimensions (mm)**

  - Weight: 1.6g

- **Specification**

  | Nominal voltage (V) | 3 |
  | Nominal capacity (mAh) | 90 |
  | Continuous standard load (mA) | 0.1 |
  | Operating temperature (°C) | -30 ~ 60 |

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**

**CR2025**

- **Dimensions (mm)**

  - Weight: 2.3g

- **Specification**

  | Nominal voltage (V) | 3 |
  | Nominal capacity (mAh) | 165 |
  | Continuous standard load (mA) | 0.2 |
  | Operating temperature (°C) | -30 ~ 60 |

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**

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Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR2032**

- **Dimensions (mm)**
  - Diameter: 20.0 mm
  - Thickness: 1.5 mm
  - Weight: 2.9 g

- **Specification**
  - **Nominal voltage (V)**: 3
  - **Nominal capacity (mAh)**: 225
  - **Continuous standard load (mA)**: 0.2
  - **Operating temperature (°C)**: -30 ~ +60

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**

**CR2330**

- **Dimensions (mm)**
  - Diameter: 23.0 mm
  - Thickness: 1.5 mm
  - Weight: 3.8 g

- **Specification**
  - **Nominal voltage (V)**: 3
  - **Nominal capacity (mAh)**: 265
  - **Continuous standard load (mA)**: 0.2
  - **Operating temperature (°C)**: -30 ~ +60

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR2032**
- **Dimensions (mm)**
  - Weight: 2.9g

- **Specification**
  - **Nominal voltage (V)**: 3
  - **Nominal capacity (mAh)**: 225
  - **Continuous standard load (mA)**: 0.2
  - **Operating temperature (C)**: -30 ~ +60

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**

**CR2330**
- **Dimensions (mm)**
  - Weight: 3.8g

- **Specification**
  - **Nominal voltage (V)**: 3
  - **Nominal capacity (mAh)**: 265
  - **Continuous standard load (mA)**: 0.2
  - **Operating temperature (C)**: -30 ~ +60

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR2354**
- Dimensions (mm)
- Weight: 5.8g

### Specification
- Nominal voltage (V): 3
- Nominal capacity (mAh): 560
- Continuous standard load (mA): 0.2
- Operating temperature (C): -30 ~ +60

### Temperature Characteristics
- Operating voltage vs. load resistance (voltage at 50% discharge depth)
- Capacity vs. load resistance

**CR2412**
- Dimensions (mm)
- Weight: 2.0g

### Specification
- Nominal voltage (V): 3
- Nominal capacity (mAh): 100
- Continuous standard load (mA): 0.2
- Operating temperature (C): -30 ~ +60

### Temperature Characteristics
- Operating voltage vs. load resistance (voltage at 50% discharge depth)
- Capacity vs. load resistance
# Manganese Dioxide Lithium Coin Batteries: Individual Specifications

## CR2354

**Dimensions (mm)**

<table>
<thead>
<tr>
<th>Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter: 23.0±1.5 mm</td>
</tr>
<tr>
<td>Height: 5.4±0.3 mm</td>
</tr>
</tbody>
</table>

**Weight:** 5.8g

### Specification

<table>
<thead>
<tr>
<th>Nominal voltage (V)</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal capacity (mAh)</td>
<td>560</td>
</tr>
<tr>
<td>Continuous standard load (mA)</td>
<td>0.2</td>
</tr>
<tr>
<td>Operating temperature (°C)</td>
<td>-30 ~ +60</td>
</tr>
</tbody>
</table>

### Temperature Characteristics

![Temperature Characteristics Graph](image)

### Operating voltage vs. load resistance (voltage at 50% discharge depth)

![Operating Voltage Graph](image)

### Capacity vs. load resistance

![Capacity Graph](image)

## CR2412

**Dimensions (mm)**

<table>
<thead>
<tr>
<th>Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter: 24.5±1.5 mm</td>
</tr>
<tr>
<td>Height: 12.1±0.5 mm</td>
</tr>
</tbody>
</table>

**Weight:** 2.0g

### Specification

<table>
<thead>
<tr>
<th>Nominal voltage (V)</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal capacity (mAh)</td>
<td>100</td>
</tr>
<tr>
<td>Continuous standard load (mA)</td>
<td>0.2</td>
</tr>
<tr>
<td>Operating temperature (°C)</td>
<td>-30 ~ +60</td>
</tr>
</tbody>
</table>

### Temperature Characteristics

![Temperature Characteristics Graph](image)

### Operating voltage vs. load resistance (voltage at 50% discharge depth)

![Operating Voltage Graph](image)

### Capacity vs. load resistance

![Capacity Graph](image)
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR2450**

- **Dimensions (mm):**
  - Weight: 6.3g

- **Specification**
  - Nominal voltage (V): 3
  - Nominal capacity (mAh): 620
  - Continuous standard load (mA): 0.2
  - Operating temperature (C): -30 ~ +60

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth):**

- **Capacity vs. load resistance**

**CR2477**

- **Dimensions (mm):**
  - Weight: 10.5g

- **Specification**
  - Nominal voltage (V): 3
  - Nominal capacity (mAh): 1,000
  - Continuous standard load (mA): 0.2
  - Operating temperature (C): -30 ~ +60

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth):**

- **Capacity vs. load resistance**

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Manganese Dioxide Lithium Coin Batteries: Individual Specifications

**CR2450**

- **Dimensions (mm)**

  Weight: 6.3g

- **Specification**

  | Nominal voltage (V) | 3 |
  | Nominal capacity (mAh) | 620 |
  | Continuous standard load (mA) | 0.2 |
  | Operating temperature (C) | -30 ~ +60 |

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**

**CR2477**

- **Dimensions (mm)**

  Weight: 10.5g

- **Specification**

  | Nominal voltage (V) | 3 |
  | Nominal capacity (mAh) | 1,000 |
  | Continuous standard load (mA) | 0.2 |
  | Operating temperature (C) | -30 ~ +60 |

- **Temperature Characteristics**

- **Operating voltage vs. load resistance (voltage at 50% discharge depth)**

- **Capacity vs. load resistance**
Manganese Dioxide Lithium Coin Batteries: Individual Specifications

CR3032

Dimensions (mm)

<table>
<thead>
<tr>
<th>Nominal voltage (V)</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal capacity (mAh)</td>
<td>500</td>
</tr>
<tr>
<td>Continuous standard load (mA)</td>
<td>0.2</td>
</tr>
<tr>
<td>Operating temperature (°C)</td>
<td>-30 ~ +60</td>
</tr>
</tbody>
</table>

Temperature Characteristics

Operating voltage vs. load resistance (voltage at 50% discharge depth)

Capacity vs. load resistance

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