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- > TOSHIBA /
- > Toshiba CR2016 3V Lithium Coin Cell Battery User Manual

#### **TOSHIBA CR2016**

# Toshiba CR2016 3V Lithium Coin Cell Battery User Manual

Model: CR2016

### 1. PRODUCT OVERVIEW

The Toshiba CR2016 is a high-grade 3V Lithium Manganese-Dioxide coin cell battery designed for reliable performance in various electronic devices. It offers a nominal operating voltage of 3 Volts and a high capacity of 620mAh. These batteries are suitable for applications such as watches, fitness trackers, key fobs, and healthcare devices.

Key features include:

- High-grade Japanese quality and performance.
- 3.0 Nominal Voltage Lithium Manganese-Dioxide chemistry.
- High Capacity: 620mAh.
- Compact Dimensions: Diameter 24mm, Height 1.6mm.
- Extended Shelf Life: Up to ten years.



Image 1: Toshiba CR2016 3V Lithium Coin Cell Battery in its retail packaging, showing five individual batteries.

#### 2. SAFETY GUIDELINES

Please read and follow these safety instructions carefully to prevent injury or damage.

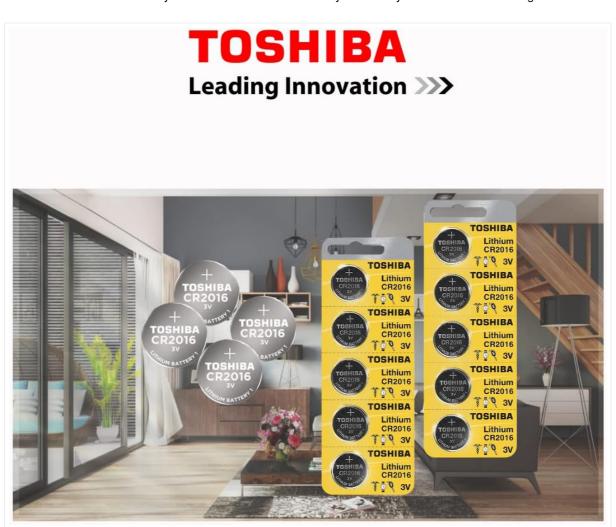
- **Keep out of reach of children:** Coin cell batteries can be swallowed and cause severe internal burns in as little as 2 hours, leading to death. Seek immediate medical attention if a battery is swallowed.
- **Do not recharge:** These batteries are not rechargeable. Attempting to recharge them may cause leakage, fire, or explosion.
- **Do not disassemble or modify:** Disassembling or modifying the battery can lead to leakage, fire, or explosion.
- **Do not expose to heat:** Avoid exposing batteries to high temperatures, direct sunlight, or fire. This can cause leakage, fire, or explosion.

- **Do not short-circuit:** Do not allow the positive (+) and negative (-) terminals to come into contact with metal objects. This can cause heat generation, leakage, or explosion.
- Insert correctly: Ensure correct polarity (+ and -) when installing the battery. Incorrect insertion can cause damage to the device or battery.
- Avoid contact with skin and eyes: If battery fluid comes into contact with skin or eyes, rinse immediately with plenty of water and seek medical attention.
- **Dispose of properly:** Follow local regulations for battery disposal. Do not dispose of batteries in household waste.

#### 3. Installation Instructions

This section provides general guidance for installing the CR2016 battery. Always refer to your device's specific instruction manual for detailed battery replacement procedures.

- 1. **Identify Battery Compartment:** Locate the battery compartment on your electronic device. This is often secured with a small screw or a latch.
- 2. Open Compartment: Use the appropriate tool (e.g., a small screwdriver) to open the battery compartment.
- 3. **Remove Old Battery:** Carefully remove the old battery. Note its orientation (which side is facing up, typically the positive (+) side).
- 4. **Insert New Battery:** Insert the new Toshiba CR2016 battery into the compartment, ensuring the positive (+) side faces the correct direction as indicated by your device or the orientation of the old battery.
- 5. Close Compartment: Securely close the battery compartment. If there was a screw, fasten it gently.
- 6. Test Device: Power on your device to confirm the battery is correctly installed and functioning.



#### 4. OPERATING INFORMATION

Toshiba CR2016 batteries are designed for consistent and reliable power delivery. For optimal performance:

- Use batteries only in devices specified for CR2016 coin cells.
- Replace all batteries in a device at the same time. Do not mix old and new batteries, or batteries of different types or brands.
- Remove batteries from devices that will not be used for extended periods to prevent potential leakage.

#### 5. Maintenance and Storage

Proper maintenance and storage ensure the longevity and safety of your Toshiba CR2016 batteries.

- **Storage:** Store batteries in their original packaging in a cool, dry place, away from direct sunlight and extreme temperatures.
- Shelf Life: These batteries have a shelf life of up to ten years when stored correctly.
- Cleaning: If battery terminals become dirty, gently wipe them with a clean, dry cloth before installation.
- **Disposal:** Do not dispose of used batteries in regular household trash. Recycle them according to local regulations. Many electronic stores or recycling centers accept used batteries.



Image 3: Several Toshiba CR2016 batteries displayed, some loose and some still in their blister packaging, illustrating the product's presentation.

#### 6. TROUBLESHOOTING

If your device is not functioning after installing a new battery, consider the following:

- **Incorrect Polarity:** Double-check that the battery is inserted with the correct positive (+) and negative (-) orientation.
- Poor Contact: Ensure the battery is seated firmly in its compartment and that the terminals are making good contact with the device's connectors. Gently clean terminals if necessary.
- **Device Issue:** If the battery is correctly installed and the device still doesn't work, the issue might be with the device itself, not the battery.
- Battery Condition: Although unlikely with new batteries, verify the battery is not damaged or expired.

## 7. Specifications

Attribute	Value
Model Number	CR2016
Battery Type	Lithium Manganese-Dioxide Coin Cell
Nominal Voltage	3V
Capacity	620 mAh
Diameter	24 mm (0.94 inches)
Height	1.6 mm (0.06 inches)
Item Weight	Approximately 0.06 ounces per battery
Shelf Life	Up to 10 years
Recommended Uses	Watches, fitness devices, key fobs, healthcare devices, clocks



Image 4: A stack of Toshiba CR2016 battery blister packs, emphasizing the brand's "Leading Innovation" slogan.

#### 8. WARRANTY AND SUPPORT

Toshiba batteries are manufactured to high-quality standards. For specific warranty information or technical support, please refer to the official Toshiba website or contact their customer service department. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the official TOSHIBA Store on Amazon.

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