

Energizer ECR1620

Energizer CR1620 Lithium Battery User Manual

Model: CR1620

1. INTRODUCTION

The Energizer CR1620 is a 3-volt lithium coin cell battery designed to provide reliable power for a variety of small electronic devices. These batteries are commonly used in car key fobs, watches, calculators, remote controls, and other compact electronics requiring a CR1620 size battery.

This manual provides essential information regarding the safe handling, installation, and disposal of your Energizer CR1620 batteries.

2. SAFETY INFORMATION

Please read and understand all safety warnings before handling or installing batteries. Failure to follow these instructions can result in fire, explosion, leakage, or personal injury.

- **Keep out of reach of children:** Coin cell batteries can be swallowed. If ingested, seek immediate medical attention.
- **Proper Polarity:** Always insert batteries with the correct polarity (+ and -) as indicated in your device. Incorrect insertion can cause damage.
- **Do Not Recharge:** These batteries are not rechargeable. Attempting to recharge them can lead to leakage or explosion.
- **Do Not Disassemble or Heat:** Do not disassemble, crush, puncture, or heat batteries above their specified temperature range.
- **Avoid Short Circuits:** Do not short-circuit batteries. Keep them away from metal objects that could cause a short circuit.
- **Storage:** Store batteries in their original packaging in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Disposal:** Dispose of used batteries according to local regulations. Do not dispose of in household waste or incinerate.

3. SETUP AND INSTALLATION

Follow these general steps for replacing a CR1620 battery in a compatible device. Always refer to your device's specific instruction manual for detailed battery replacement procedures.

1. **Identify Battery Compartment:** Locate the battery compartment on your device. This may require a small screwdriver or a coin to open.
2. **Remove Old Battery:** Carefully remove the old battery. Note its orientation (which side is facing up) before removal.
3. **Insert New Battery:** Insert the new Energizer CR1620 battery, ensuring the positive (+) side faces the correct direction as indicated by the device's markings.
4. **Secure Compartment:** Close the battery compartment securely.
5. **Test Device:** Test your device to ensure it functions correctly with the new battery.



Image 1: Energizer CR1620 Lithium Battery 5-pack packaging. This image shows the blister packaging containing five individual CR1620 batteries, each clearly labeled with "Energizer CR1620 3V Lithium".

4. OPERATING GUIDELINES

Energizer CR1620 batteries are designed for single-use applications. Once installed, they will power your device until their energy is depleted. No specific "operating" steps are required beyond proper installation.

- Ensure the battery is compatible with your device's voltage and size requirements.
- Replace all batteries in a device at the same time to avoid issues caused by mixed battery types or varying charge levels.
- Remove batteries from devices that will not be used for extended periods to prevent potential leakage.

5. MAINTENANCE AND STORAGE

Proper maintenance and storage can help preserve battery life and ensure safety.

- **Storage Conditions:** Store unused batteries in their original packaging at room temperature (approximately 20-25°C or 68-77°F) in a dry environment. Avoid extreme heat or cold.
- **Expiration Date:** Check the expiration date on the packaging. Batteries perform best when used before this date.
- **Cleaning:** If battery contacts in a device appear dirty, clean them with a cotton swab and rubbing alcohol before inserting new batteries.

6. TROUBLESHOOTING

If your device does not function after installing a new Energizer CR1620 battery, consider the following:

- **Check Polarity:** Verify that the battery is inserted with the correct positive (+) and negative (-) orientation.
- **Ensure Proper Contact:** Make sure the battery is seated correctly in the compartment and making firm contact with the device's terminals.

- **Verify Battery Type:** Confirm that CR1620 is the correct battery type specified for your device.
- **Inspect Device:** If the battery is correctly installed, the issue might be with the device itself. Consult your device's manual or manufacturer for further assistance.
- **New Battery Test:** If possible, test the new battery in another compatible device or use a battery tester to confirm it is functional.

7. SPECIFICATIONS

Feature	Detail
Battery Type	Lithium Coin Cell
Model Number	CR1620 (ECR1620)
Voltage	3 Volts
Chemistry	Lithium Manganese Dioxide (Li/MnO2)
Dimensions	16mm diameter, 2.0mm thickness
Weight	Approximately 0.3 ounces (for 5 batteries)
Recommended Uses	Watches, Key Fobs, Calculators, Small Electronics



Image 2: Energizer CR1620 Lithium Battery size comparison. This image illustrates the compact size of the CR1620 battery, showing its dimensions relative to a human hand, indicating a height of 5.6 inches (14 cm) for the 5-pack.

8. WARRANTY AND SUPPORT

For information regarding product warranty or technical support, please refer to the official Energizer website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Energizer Official Website: www.energizer.com