

Renata CR2450N

Renata CR2450N 3 Volt Lithium Coin Battery User Manual

Model: CR2450N | Brand: Renata

1. INTRODUCTION

This manual provides essential information for the safe and effective use of Renata CR2450N 3 Volt Lithium Coin Batteries. Please read these instructions carefully before use and retain them for future reference.

2. PRODUCT OVERVIEW

The Renata CR2450N is a high-quality 3-volt lithium coin battery, designed for reliable performance in various electronic devices. It features a specific design with a lip, making it suitable for equipment requiring this particular battery type.



Lithium battery, CR2450N

Voltage:	3 V
Capacity:	540 mAh
Diameter:	0.965 in. / 24.5 mm
Height:	0.197 in. / 5.0 mm
Cross reference:	DL2450

Important note: The CR2450N has a lip around it and is designed for specific equipment. It is *not* the conventional CR2450. Reference below image.



Developed and manufactured in Switzerland.

Image: Renata CR2450N battery packaging showing four batteries and a close-up of a single battery with key specifications.

Key Features:

- **Chemistry:** Lithium
- **Voltage:** 3V
- **Battery Size:** CR2450N
- **Capacity:** 540 mAh
- **Diameter:** 0.965 inches (24.5 mm)
- **Height:** 0.197 inches (5.0 mm)
- **Cross Reference:** DL2450
- **Special Note:** The CR2450N has a lip around it and is designed for specific equipment. It is not the conventional CR2450.

3. SAFETY INFORMATION

Lithium coin batteries can be hazardous if swallowed. Keep batteries out of reach of children. Ingesting a battery can lead to severe internal burns and can be fatal. Seek immediate medical attention if a battery is swallowed.



Image: Renata battery packaging highlighting child safety warnings and child-resistant features.

- **Keep Out of Reach of Children:** Store batteries in their original packaging until ready for use, and dispose of used batteries immediately and safely.
- **Proper Disposal:** Do not dispose of batteries in fire. They may explode. Follow local regulations for battery disposal.
- **Avoid Short Circuits:** Do not short-circuit batteries.
- **Do Not Recharge:** These batteries are not rechargeable. Attempting to recharge them may cause leakage or explosion.
- **Do Not Disassemble:** Do not disassemble, crush, or heat batteries above specified temperatures.

4. INSTALLATION AND REPLACEMENT

Always refer to your device's instruction manual for specific battery installation and replacement procedures. The following are general guidelines:

1. **Identify Battery Compartment:** Locate the battery compartment on your device. This is often secured with a screw or a latch for safety.
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, noting its orientation (+/- terminals).

4. **Insert New Battery:** Insert the new Renata CR2450N battery, ensuring the positive (+) terminal aligns correctly with the device's marking.
5. **Secure Compartment:** Close the battery compartment securely. Ensure any screws or latches are fully engaged to prevent accidental opening.



Image: Example of Renata coin batteries used in a car key fob, a common application.

Note: The CR2450N battery is commonly used in devices such as car key fobs, fitness trackers, medical devices, and other small electronics.

5. OPERATING INSTRUCTIONS

Once correctly installed, the Renata CR2450N battery will power your compatible electronic device. No specific operating instructions are required for the battery itself beyond proper installation.

- Ensure the device is turned off before replacing the battery.
- Verify correct polarity (+/-) during installation.
- If the device does not power on after battery replacement, double-check installation and battery condition.

6. MAINTENANCE AND STORAGE

- **Storage:** Store unused batteries in their original, sealed packaging in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid touching the battery terminals with bare hands, as oils and dirt can affect performance.
- **Cleaning:** If battery terminals appear dirty, gently wipe them with a clean, dry cloth before installation.
- **Shelf Life:** Renata lithium coin batteries typically have a long shelf life when stored correctly.

7. TROUBLESHOOTING

If your device is not functioning after installing a new Renata CR2450N battery, consider the following:

- **Incorrect Installation:** Re-open the battery compartment and ensure the battery is inserted with the correct polarity (+/-).
- **Battery Compartment Issues:** Check for any debris or corrosion within the battery compartment that might prevent proper contact.
- **Device Malfunction:** If the battery is correctly installed and the device still does not work, the issue may lie with the device itself, not the battery.
- **Depleted Battery:** Although new, a battery might be faulty or have a reduced charge. Try another new battery if available.

8. SPECIFICATIONS

Attribute	Value
Chemistry	Lithium
Voltage	3V
Battery Size	CR2450N
Capacity	540 mAh
Diameter	0.965 inches (24.5 mm)
Height	0.197 inches (5.0 mm)
Cross Reference	DL2450
Item Model Number	CR2450
Manufacturer	Renata Batteries
Date First Available	May 3, 2017

9. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video: An overview of Renata Batteries, highlighting their Swiss manufacturing and precision. This video provides insight into the quality and origin of Renata products.

10. WARRANTY AND SUPPORT

Renata batteries are manufactured to high-quality standards. For specific warranty information or technical support, please contact Renata Batteries directly or refer to their official website. Keep your purchase receipt as

proof of purchase.

For further assistance, you may visit the [Renata Store on Amazon](#).