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Panasonic CR2025

Panasonic CR2025 3 Volt Lithium Coin Cell Battery User Manual

1. Introduction

Thank you for choosing the Panasonic CR2025 3 Volt Lithium Coin Cell Battery. This manual provides important information regarding the safe use, installation, maintenance, and disposal of your battery. Please read this manual thoroughly before use and retain it for future reference.

The Panasonic CR2025 is a high-performance 3-volt lithium coin cell battery, ideal for a wide range of small electronic devices such as watches, remote controls, calculators, key fobs, and medical devices. Its compact size and stable voltage output ensure reliable power for your essential electronics.

2. Safety Information

WARNING: Keep batteries out of reach of children. Swallowing can lead to serious injury or death.

- **Ingestion Hazard:** If a battery is swallowed, seek immediate medical attention. Contact a poison control center.
- **Proper Polarity:** Always insert batteries correctly with the positive (+) and negative (-) terminals aligned as indicated in your device. Incorrect insertion can cause damage to the battery or device.
- **Non-Rechargeable:** This battery is not rechargeable. Attempting to recharge it may cause leakage, fire, or explosion.
- **Avoid Short Circuits:** Do not short-circuit the battery terminals. This can generate heat, cause leakage, or lead to explosion.
- **Temperature Extremes:** Do not expose the battery to excessive heat, fire, or direct sunlight. Do not store in high-temperature environments.
- **Disassembly:** Do not disassemble, crush, or modify the battery.
- **Leakage:** If battery leakage occurs, avoid contact with skin and eyes. If contact occurs, rinse immediately with plenty of water and seek medical advice.

3. Setup and Installation

The installation process for the CR2025 battery will vary depending on the specific device. Always refer to your device's instruction manual for precise 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:** Carefully open the battery compartment using the appropriate tool (e.g., a small screwdriver for screw-secured compartments).
3. **Remove Old Battery (if applicable):** If replacing an old battery, gently remove it. Note its orientation before removal.
4. **Insert New Battery:** Insert the new Panasonic CR2025 battery, ensuring the positive (+) side faces the correct direction as indicated by the device's markings. The positive side is typically marked with a plus sign and the battery's model number.
5. **Close Compartment:** Securely close the battery compartment.

Image 1: Close-up view of the Panasonic CR2025 battery, highlighting the positive terminal and manufacturing details. This image helps in identifying the correct orientation for installation.

4. Operating

Once correctly installed, the Panasonic CR2025 battery will provide a stable 3-volt power supply to your compatible electronic device. The battery is designed for long-lasting performance in low-drain applications.

5. Maintenance

- **Storage:** Store unused batteries in their original packaging in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid storing batteries loosely together to prevent short circuits.
- **Cleaning:** If battery terminals become dirty, gently wipe them with a clean, dry cloth to ensure good electrical contact.

- **Replacement:** Replace the battery when your device indicates low power or ceases to function correctly.

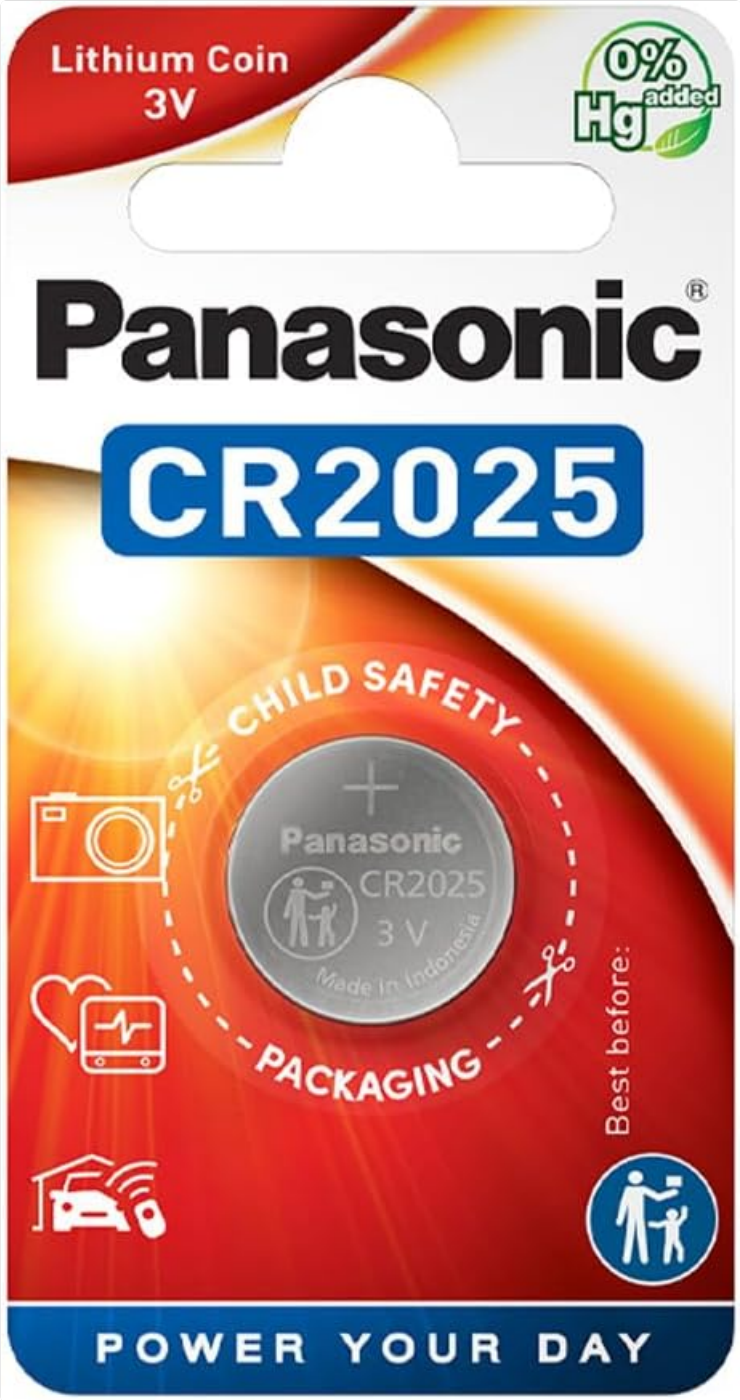

Image 2: The retail packaging for the Panasonic CR2025 battery, emphasizing child safety and key product details. Store batteries in packaging like this until ready for use.

6. Troubleshooting

If your device is not functioning after battery installation, consider the following:

- **Incorrect Installation:** Verify that the battery is inserted with the correct polarity (+ and -).
- **Battery Contact:** Ensure the battery is making proper contact with the device's terminals. Gently clean terminals if necessary.
- **Depleted Battery:** Although new, check if the battery might be depleted or faulty. Try a different new battery if available.
- **Device Malfunction:** If the issue persists, the problem might be with the device itself, not the battery.

Refer to your device's troubleshooting guide.

7. Specifications

Feature	Detail
Model Number	CR2025 (2B/3705/99)
Battery Type	Lithium Coin Cell
Voltage	3 Volts
Capacity	165 mAh
Dimensions (Diameter x Thickness)	0.79 x 0.1 inches (20mm x 2.5mm)
Item Weight	0.352 ounces
Battery Cell Composition	Lithium Metal
Recommended Uses	Watches, Remote Controls, Calculators, Key Fobs

8. Disposal

Proper disposal of lithium batteries is crucial for environmental protection and safety. Do not dispose of batteries in household waste.

- **Recycling:** Recycle used batteries at designated collection points or battery recycling facilities. Many retailers and community centers offer battery recycling programs.
- **Insulate Terminals:** Before disposal, it is recommended to tape over the battery terminals with non-conductive tape (e.g., electrical tape) to prevent short circuits.
- **Local Regulations:** Follow all local regulations and guidelines for battery disposal in your area.

9. Warranty and Support

Panasonic batteries are manufactured to high-quality standards. For information regarding product warranty or technical support, please refer to the official Panasonic website or contact Panasonic customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, visit the official Panasonic website: www.panasonic.com

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