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› RAYOVAC 806C 6 Volt Alkaline Spring Terminal Lantern Battery Instruction Manual

Rayovac 806

RAYOVAC 806C 6 Volt Alkaline Spring Terminal Lantern Battery Instruction Manual

Model: 806C

1. PRODUCT OVERVIEW

The Rayovac 806C is a 6-volt alkaline lantern battery featuring spring terminals, designed for reliable power in high-drain and frequent-use devices. This battery is equivalent to four D-cell batteries and is manufactured with no mercury added, meeting EPA requirements for landfill disposal.

Key Features:

- Ideal for high-drain, frequent-use devices.
- Built to exceed performance demands of industrial applications.
- Proudly Made in the US.
- Alkaline D-cell equivalent 6-volt lantern battery with spring terminals.
- Features mercury/cadmium-free formula.
- Guaranteed against leakage.
- Environmentally safe, meets EPA requirements for landfill disposal.
- Long-lasting alkaline formula.

2. IMPORTANT SAFETY INFORMATION

WARNING: May explode or leak if inserted improperly, recharged, or disposed of in fire.

Proposition 65 Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Ensure correct polarity (+/-) when inserting batteries.
- Remove exhausted batteries promptly.
- Keep batteries out of reach of small children.
- Store batteries in a cool, dry place at room temperature.

3. INSTALLATION

To install the Rayovac 806C lantern battery, follow these general steps for devices compatible with 6-volt spring terminal batteries:

1. Identify the battery compartment in your device (e.g., lantern, flashlight).
2. Open the battery compartment, typically by unscrewing a cap or opening a latch.
3. Observe the polarity markings (+ and -) inside the compartment and on the battery.
4. Align the battery's spring terminals with the corresponding contacts in the device. The positive terminal is usually the spring, and the negative terminal is the flat contact.
5. Gently press the battery into place, ensuring a secure connection.
6. Close the battery compartment securely.





Figure 1: Front view of the Rayovac 6 Volt Alkaline Lantern Battery, showing the positive spring terminal and negative flat terminal.



Figure 2: Top view of the Rayovac 6 Volt Alkaline Lantern Battery, clearly showing the spring terminals for connection.

4. OPERATION

Once properly installed, the Rayovac 806C battery will power your compatible 6-volt device. Activate your device according to its specific operating instructions. This battery is designed for consistent performance in various applications, including lanterns, flashlights, and other equipment requiring a 6-volt power source.

5. MAINTENANCE AND STORAGE

- **Regular Inspection:** Periodically check the battery and device terminals for any signs of corrosion or leakage. If corrosion is present, carefully clean the terminals with a dry cloth or a specialized battery terminal cleaner.
- **Storage:** For optimal shelf life, store unused batteries in their original packaging in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing batteries near metal objects that could cause a short circuit.
- **Removal:** If the device will not be used for an extended period, remove the battery to prevent potential leakage and damage to the device.

6. TROUBLESHOOTING

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

- **Incorrect Installation:** Verify that the battery is inserted with the correct polarity (+ and -) as indicated in the device's battery compartment.
- **Loose Connection:** Ensure the spring terminals are making firm contact with the device's contacts.
- **Device Malfunction:** Test the battery in another compatible device, if available, to determine if the issue lies with the battery or the device itself.
- **Battery Exhaustion:** Although designed for long life, all batteries eventually deplete. Replace with a new battery if suspected to be exhausted.
- **Corrosion:** Check for any corrosion on the battery terminals or device contacts. Clean as necessary.

7. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	Rayovac
Model Number	806
Battery Cell Composition	Alkaline
Voltage	6 Volts
Product Dimensions	4.6 x 2.6 x 2.6 inches
Item Weight	1.35 pounds
Number of Batteries Required	1 (Product Specific)
First Available Date	September 9, 2006



Figure 3: Rayovac 6 Volt Lantern Battery shown with approximate dimensions for reference.

8. ENVIRONMENTAL DISPOSAL

The Rayovac 806C alkaline lantern battery is manufactured with no mercury added and meets EPA requirements for landfill disposal. Always check local regulations for proper battery disposal in your area. Recycling options may

also be available.

9. WARRANTY AND SUPPORT

For specific warranty information and customer support, please refer to the official Rayovac website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

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