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DURACELL DL1/3N

Duracell DL1/3N Lithium Battery Instruction Manual

PRODUCT OVERVIEW

The Duracell DL1/3N Lithium Battery is an advanced primary battery designed for devices requiring a high current pulse and continuous power. Utilizing lithium/manganese dioxide technology, it offers high energy density, excellent rate capability, and reliable performance across a wide operating temperature range. This battery is known for its superior low-temperature performance and an extended shelf life, ensuring readiness when needed.



Image: Duracell DL1/3N Lithium Battery in its retail packaging, showcasing two batteries.

Specifications

Brand:	DURACELL
Model Number:	DL1/3N (also known as CR1/3N, 2L76, 5018LC, 5008LC, CR11108, K58L)
Battery Cell Composition:	Lithium/Manganese Dioxide
Voltage:	3V
Battery Capacity:	160 Milliamp Hours
Product Dimensions:	0.47 x 0.47 x 0.43 inches
Item Weight:	0.32 ounces
Recommended Uses:	Cameras, specialized electronic devices requiring high-rate lithium batteries.
Shelf Life:	Up to 10 years freshness guarantee

INSTALLATION

To install the Duracell DL1/3N Lithium Battery into your device, follow these general steps:

1. Locate the battery compartment on your electronic device. Refer to your device's manual for specific instructions on opening the compartment.
2. Ensure the device is powered off before attempting to replace or install batteries.
3. Observe the polarity markings (+ and -) inside the battery compartment. Match the positive (+) and negative (-) terminals of the Duracell DL1/3N battery with the corresponding markings in the compartment.
4. Insert the battery firmly into the compartment. If your device uses multiple batteries, ensure all are inserted with correct polarity.
5. Close the battery compartment securely.

Note: Some devices may require specific battery orientation or a particular sequence for installation. Always consult your device's user manual for precise instructions.

OPERATION

Once properly installed, the Duracell DL1/3N Lithium Battery will provide reliable power to your compatible electronic device. These batteries are engineered for applications requiring high energy density and excellent rate capability, making them suitable for devices with high current pulse demands, such as photoflash units, and those requiring continuous power. Their wide operating temperature range ensures consistent performance in various environmental conditions.

MAINTENANCE

To maximize the lifespan and performance of your Duracell DL1/3N Lithium Batteries:

- **Storage:** Store unused batteries in their original packaging in a cool, dry place at room temperature. Avoid extreme temperatures.
- **Prevent Accidental Discharge:** If your device uses multiple batteries and will be stored for an extended period, consider removing one battery and reinserting it with reversed polarity. This breaks the circuit and prevents accidental power drain or activation of the device, preserving battery life.
- **Clean Contacts:** Periodically inspect battery contacts in your device and on the batteries. Clean any dirt or corrosion with a clean, dry cloth to ensure optimal electrical connection.
- **Disposal:** Dispose of used batteries according to local regulations. Do not incinerate or mutilate batteries.

TROUBLESHOOTING

If your device is not powering on or functioning correctly after battery installation, consider the following:

- **Check Polarity:** Double-check that the batteries are inserted with the correct positive (+) and negative (-) polarity as indicated in the device's battery compartment.
- **Secure Connection:** Ensure the battery compartment cover is fully closed and secured, making proper contact with the batteries.
- **Battery Condition:** Verify that the batteries are new and not depleted. Although Duracell DL1/3N batteries have a long shelf life, check the expiration date if available.

- **Device Compatibility:** Confirm that your device is designed to use DL1/3N (CR1/3N) type batteries. Using incorrect battery types can lead to malfunction.
- **Device Malfunction:** If batteries are correctly installed and new, the issue might be with the device itself. Consult your device's troubleshooting guide or manufacturer.

SAFETY INFORMATION

Please observe the following safety precautions when handling and using Duracell DL1/3N Lithium Batteries:

- **Keep Out of Reach of Children:** Batteries can be a choking hazard and may cause serious injury if swallowed. Seek immediate medical attention if ingested.
- **Do Not Recharge:** These are primary (non-rechargeable) batteries. Attempting to recharge them can lead to leakage, fire, or explosion.
- **Do Not Disassemble or Mutilate:** Disassembling, crushing, or puncturing batteries can release hazardous materials and cause injury.
- **Avoid Short Circuits:** Do not allow battery terminals to short circuit. This can cause excessive heat, fire, or explosion.
- **Do Not Expose to Heat or Fire:** High temperatures can cause batteries to leak, rupture, or explode.
- **Proper Disposal:** Dispose of used batteries responsibly according to local regulations. Do not mix with household waste.
- **Use Correct Size and Type:** Always use the battery size and type specified by the device manufacturer.

WARRANTY AND SUPPORT

Duracell batteries are manufactured to high-quality standards. For specific warranty information or product support, please refer to the packaging or visit the official Duracell website. If you encounter any issues not covered in this manual, please contact Duracell customer service for assistance.