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› Energizer LED USB Lantern ALU451 User Manual

Energizer ALU451

Energizer LED USB Lantern User Manual

Model: ALU451 | Brand: Energizer

1. INTRODUCTION

The Energizer LED USB Lantern, model ALU451, is a versatile and powerful lighting solution designed for various indoor and outdoor applications. With a maximum brightness of 1300 lumens, it provides ample illumination for camping, emergencies, and general use. This lantern also features a convenient USB port, allowing it to function as a power bank for charging mobile devices in emergency situations. Its IPX4 waterproof rating ensures durability and reliability in challenging environments. This manual provides essential information for the safe and effective use of your Energizer lantern.

2. IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before using the lantern. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not look directly into the LED light when it is on, as it can cause temporary vision impairment.
- Keep out of reach of children.
- Do not mix old and new batteries, or different types of batteries.
- Ensure batteries are inserted with correct polarity (+/-).
- Remove batteries if the lantern will not be used for an extended period to prevent leakage.
- Although IPX4 waterproof, do not submerge the lantern in water.
- Do not attempt to disassemble or modify the lantern.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Energizer LED USB Lantern (ALU451)
- User Manual (this document)

Note: 4 x AA batteries are required and sold separately.

4. PARTS IDENTIFICATION

Familiarize yourself with the different parts of your Energizer LED USB Lantern:



Figure 4.1: Front view of the Energizer LED USB Lantern. This image displays the main body of the lantern, including the white light-diffusing dome, the black base, and the two green control buttons on the front. The integrated handle is visible at the top.

- **Handle:** Located at the top for easy carrying or hanging.
- **Light Diffuser:** The white translucent upper section that emits light.
- **Power Button:** The upper green button, used to turn the lantern on/off.
- **Mode Button:** The lower green button, used to cycle through light modes.

- **USB Output Port:** Located on the side/back (not visible in main image, but implied by description) for charging external devices.
- **Battery Compartment:** Located at the base of the lantern.

5. SETUP

5.1 Battery Installation

The Energizer LED USB Lantern requires 4 x AA batteries (not included) for operation.

1. Locate the battery compartment cover at the bottom of the lantern.
2. Twist or slide the cover to open it (refer to markings on the cover for direction).
3. Insert 4 new AA batteries, ensuring the positive (+) and negative (-) ends align with the markings inside the compartment.
4. Replace the battery compartment cover securely until it clicks into place or is fully sealed.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off and Light Modes

The lantern features three distinct light modes: Low, High, and Night mode.

1. **To Turn On:** Press the **Power Button** (upper green button) once. The lantern will typically turn on in the last used mode or a default mode (e.g., Low).
2. **To Change Modes:** While the lantern is on, press the **Mode Button** (lower green button) repeatedly to cycle through the available light modes:
 - **Low Mode:** Provides extended lighting time (up to 150 hours) for general ambient light.
 - **High Mode:** Delivers maximum brightness (up to 1300 lumens) for powerful illumination.
 - **Night Mode:** A softer, lower light setting ideal for sleeping or minimal disturbance.
3. **To Turn Off:** Press the **Power Button** once more.



3つのライトモード

シーンに合わせて選べる3ライトモード



ハイ



ロー



夜間



Figure 6.1: Illustration of the three light modes: High, Low, and Night. This image visually demonstrates the difference in brightness and ambiance provided by each setting of the lantern.

6.2 USB Power Bank Function

The lantern is equipped with a USB output port to charge small electronic devices, such as smartphones, using the power from its internal batteries.

1. Ensure the lantern has sufficient battery power.
2. Locate the USB output port on the side of the lantern.
3. Connect your device's USB charging cable to the lantern's USB port.
4. Connect the other end of the cable to your mobile device. Charging should begin automatically.



もしもの時のスマホ充電にも！単一電池から給電可能

非常時に電池から給電可能な USB ポート付き！

Figure 6.2: The Energizer lantern connected to a smartphone via its USB port, demonstrating its emergency power bank capability. The image shows the lantern alongside a first-aid kit and canned goods, suggesting emergency preparedness.

Note: The USB port is intended for emergency charging and may not provide the same charging speed as a dedicated wall charger.

7. MAINTENANCE

7.1 Cleaning

- Wipe the lantern with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the battery compartment is clean and dry before inserting new batteries.

7.2 Storage

- Store the lantern in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove batteries if storing for extended periods to prevent corrosion and leakage.

8. TROUBLESHOOTING

If you encounter issues with your Energizer LED USB Lantern, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Lantern does not turn on.	Batteries are dead or incorrectly inserted.	Replace with new AA batteries, ensuring correct polarity.
Light is dim or flickers.	Low battery power.	Replace batteries.
USB charging not working.	Lantern batteries are low; device cable is faulty; device is not compatible.	Ensure lantern has fresh batteries. Try a different USB cable or device.
Water inside the lantern.	Exposed to excessive water or submerged.	Discontinue use immediately. Allow to dry completely. The lantern is IPX4 rated, meaning it is resistant to splashing water, not submersion.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	ALU451
Brightness	Up to 1300 Lumens (High Mode)
Lighting Time	Up to 150 Hours (Low Mode)
Light Modes	Low, High, Night
Water Resistance	IPX4 (Splashproof)
Power Source	4 x AA Batteries (sold separately)
USB Output	Yes (for emergency device charging)
Dimensions (L x W x H)	15.9 x 7.2 x 25.4 cm
Weight (without batteries)	581 g

10. WARRANTY AND SUPPORT

Energizer products are manufactured to high quality standards. For information regarding warranty coverage, product support, or service, please refer to the warranty card included with your purchase or visit the official Energizer website. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, please contact Energizer customer service.

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