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› MOWETOO UV Flashlight User Manual - Model LE-8613d

MOWETOO LE-8613d

MOWETOO UV Flashlight User Manual

Model: LE-8613d

1. INTRODUCTION

Thank you for choosing the MOWETOO UV Flashlight. This versatile 2-in-1 LED torch combines both white and ultraviolet (UV) light capabilities, making it an essential tool for various tasks. Its robust design and multiple lighting modes provide reliable performance for everyday use, outdoor activities, and specialized detection needs.



Figure 1: MOWETOO UV Flashlight and its capabilities.

2. SAFETY INFORMATION

WARNING: This lamp emits strong light and UV light. Direct exposure to UV light can be harmful to human or animal eyes. Avoid looking directly into the UV light source. Keep out of reach of children.



Figure 2: Important safety warnings regarding UV light exposure.

3. PACKAGE CONTENTS

Ensure all items are present upon unboxing:

- MOWETOO UV Flashlight (Model LE-8613d)
- 3 x AAA Batteries (for single flashlight package)
- Battery Holder (for AAA batteries)

4. PRODUCT FEATURES

- **2-in-1 Functionality:** Combines 395nm UV light and white LED light.
- **4 Lighting Modes:** UV light, High White light, Low White light, and SOS mode.
- **Adjustable Focus (Zoom):** Easily switch between a wide floodlight and a focused spotlight.
- **Durable Construction:** Made from high-quality aviation-grade aluminum alloy with military-grade hard anodized treatment.
- **Waterproof:** IPX4 rated for resistance against splashes and light rain.
- **Portable Design:** Compact size (5.11 inches long, 5.3 oz) with a pocket clip and strap for easy carrying.



Figure 3: Flashlight modes and zoom functionality.



Figure 4: Waterproof design for various conditions.

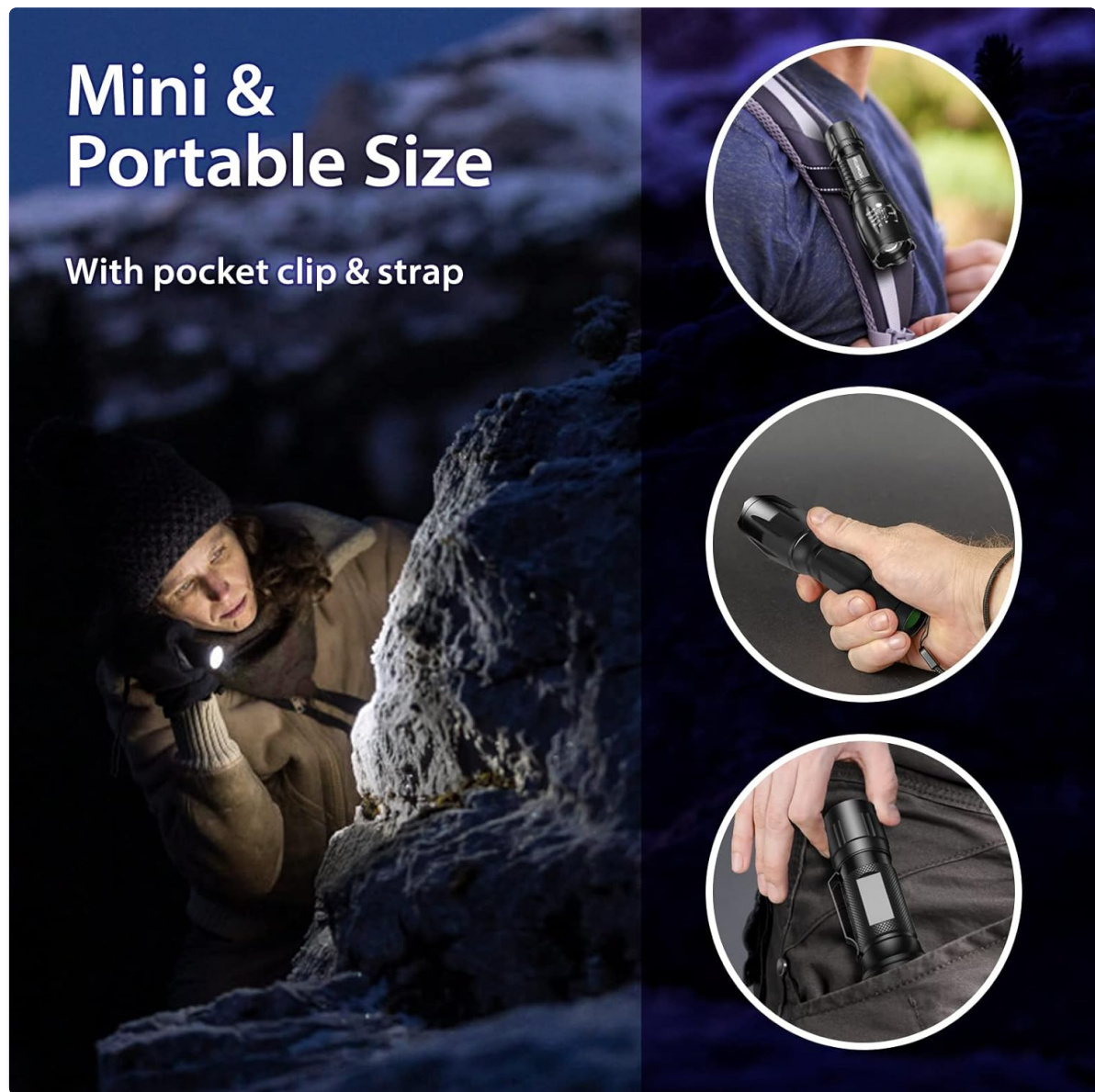


Figure 5: Compact and portable design for easy carrying.

5. SETUP: BATTERY INSTALLATION

The MOWETOO UV Flashlight operates on 3 AAA batteries (included with single flashlight packages). To install or replace batteries:

1. Unscrew the tail cap of the flashlight by turning it counter-clockwise.
2. Insert the 3 AAA batteries into the provided battery holder, ensuring correct polarity (+/-).
3. Place the battery holder with batteries into the flashlight body.
4. Screw the tail cap back on clockwise until securely tightened.

Note: For 2-pack flashlight variants, batteries are not included and must be purchased separately.

6. OPERATION

6.1 Power On/Off and Mode Switching

- **To Turn On/Off:** Press the green power button located on the tail cap.
- **To Switch Modes:** With the flashlight on, lightly press the power button repeatedly to cycle

through the 4 modes: High White Light → Low White Light → Strobe Light → UV Light.

6.2 Adjusting Focus (Zoom)

To adjust the beam focus, gently slide the head of the flashlight forward or backward. Sliding it forward will narrow the beam for a spotlight effect, while sliding it backward will widen it for a floodlight effect.

6.3 Common Applications of UV Light

The 395nm UV light is effective for revealing substances that fluoresce under ultraviolet radiation. Always use in a darkened environment for best results.

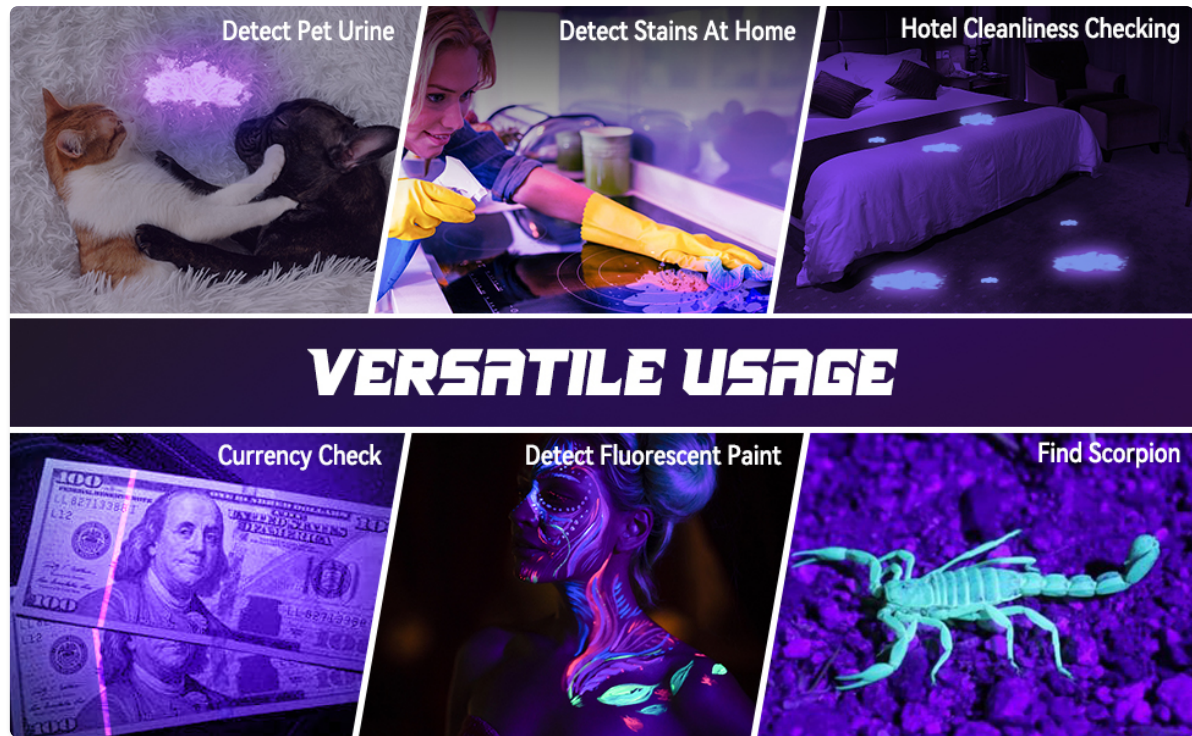


Figure 6: Versatile applications of the MOWETOO UV Flashlight.

- **Pet Urine & Stain Detection:** Ideal for locating dried pet urine, food stains, and other organic residues on carpets, upholstery, and hard surfaces that are invisible to the naked eye.



Figure 7: Detecting pet stains with UV light.

- **Currency & ID Verification:** Use to check security features on banknotes, passports, and other official documents that glow under UV light.
- **Scorpion Detection:** Scorpions fluoresce brightly under UV light, making them easier to spot in dark environments.
- **Mineral & Gemstone Inspection:** Certain minerals and gemstones exhibit fluorescence, aiding in identification.
- **Leak Detection:** Can be used with UV dye to detect automotive fluid leaks (e.g., AC leaks) or plumbing leaks.

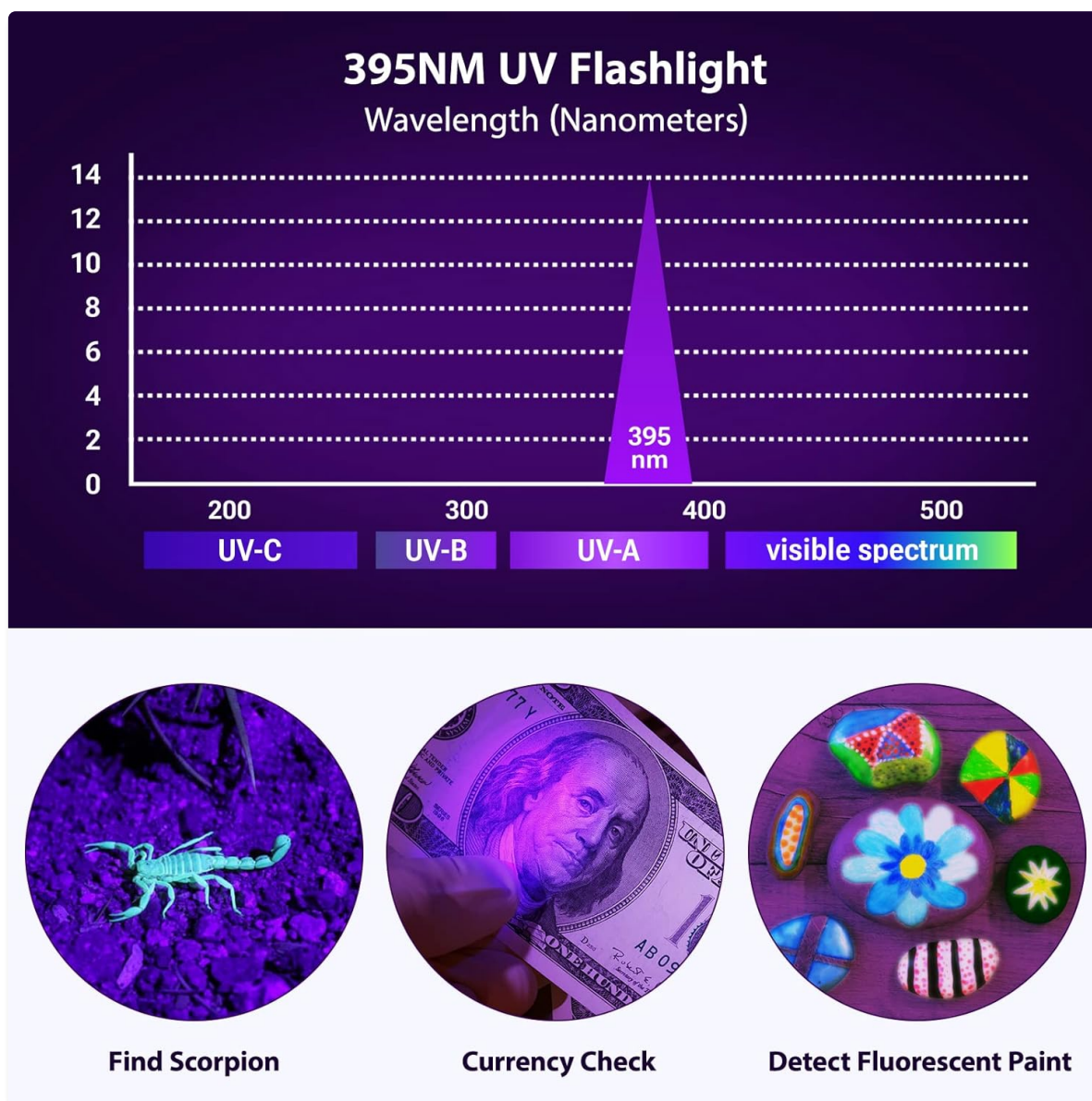


Figure 8: UV wavelength and specific detection uses.

7. MAINTENANCE

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** Remove batteries if the flashlight will not be used for an extended period to prevent leakage.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** While IPX4 waterproof, avoid submerging the flashlight in water. Ensure the tail cap is securely tightened to maintain water resistance.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Flashlight does not turn on.	Dead or incorrectly inserted batteries.	Replace batteries or ensure correct polarity.
Light is dim or flickers.	Low battery power; loose tail cap.	Replace batteries; tighten tail cap securely.
Cannot switch modes.	Button not fully pressed or dirty contacts.	Ensure full press; clean tail cap contacts if accessible.
UV light is not effective.	Ambient light is too bright.	Use in a completely dark environment for optimal results.

9. SPECIFICATIONS

Feature	Detail
Model Number	LE-8613d
Light Source Type	LED (White & UV)
UV Wavelength	395 nm
White Brightness	500 Lumens
Lighting Modes	UV, High White, Low White, SOS
Material	Aviation-grade Aluminum Alloy
Power Source	3 x AAA Batteries (Alkaline)
Water Resistance	IPX4 (Waterproof)
Product Dimensions	5.3"D x 1.57"W x 2.44"H (approx.)
Item Weight	6.4 ounces
UPC	725892398911

10. CUSTOMER SUPPORT

For any questions, concerns, or assistance with your MOWETOO UV Flashlight, please contact our customer service team. We are committed to providing friendly and satisfactory support.

Please refer to your purchase platform or product packaging for specific contact details or visit the official MOWETOO website for support options.

