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RovyVon A26

RovyVon A26 EDC Flashlight User Manual

Model: A26 | Brand: RovyVon

1. Introduction

Thank you for choosing the RovyVon A26 EDC Flashlight. This compact and powerful flashlight is designed for everyday carry, offering versatile lighting options including a main front emitter and multi-functional sidelights. Please read this manual carefully to ensure proper use and maintenance of your device.



Figure 1: RovyVon A26 EDC Flashlight. This image shows the compact design of the flashlight, highlighting its transparent body and the USB-C charging port.

2. Safety Information

- Do not look directly into the light beam to avoid eye injury.
- Keep out of reach of children.
- Do not disassemble the flashlight; this may void the warranty and cause damage.
- Use only the provided or recommended charging cable.
- Avoid exposing the flashlight to extreme temperatures or direct sunlight for prolonged periods.
- Although IPX8 water resistant, avoid prolonged submersion or use in highly corrosive liquids.

3. Package Contents

Please check the package for the following items:

- RovyVon A26 EDC Flashlight x 1

- USB C-A Cable x 1
- Magnetic Pocket Clip x 1
- User Manual x 1
- Warranty Card x 1
- USB Cover x 1

4. Product Overview

The RovyVon A26 features two main buttons for control and multiple light emitters. Familiarize yourself with the components:

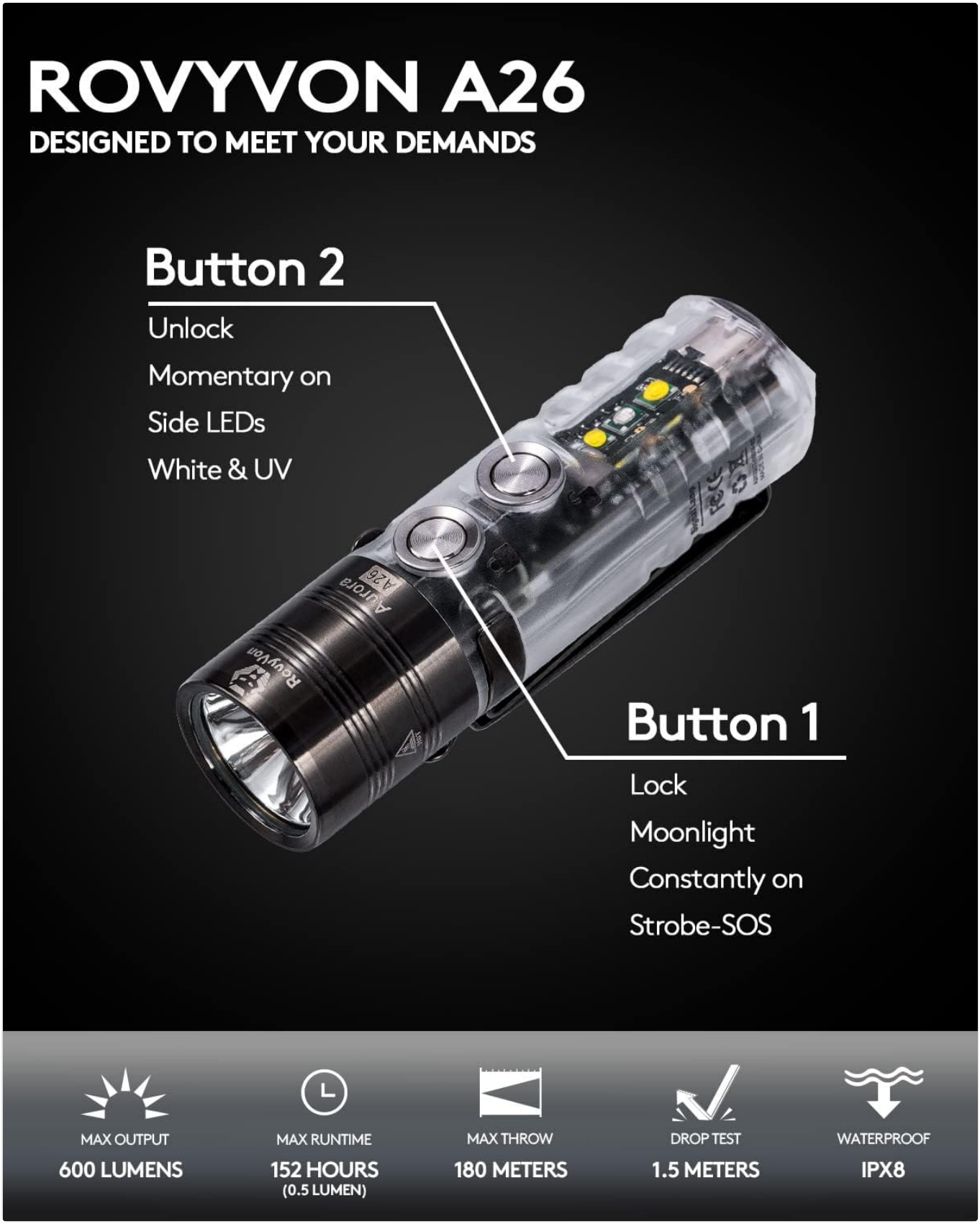


Figure 2: Key components of the RovyVon A26. Button 1 controls the front emitter (Moonlight, Constant On, Strobe-SOS), and Button 2 controls momentary on and side LEDs (White & UV).

Components:

- **Front Emitter:** Main light source.
- **Sidelights:** Two warm white LEDs and one 365nm UV LED.
- **Button 1:** Controls front emitter modes (Moonlight, Constant On, Strobe-SOS).
- **Button 2:** Controls momentary on for front emitter and activates sidelights.

- **USB-C Charging Port:** For recharging the internal battery.
- **Magnetic Pocket Clip:** Detachable for hands-free use and attachment to metal surfaces.

5. Setup

5.1 Unlocking the Flashlight

Upon first receiving your flashlight, it will be in a locked state to prevent accidental activation during transit. There are two methods to unlock it:

1. **Method 1 (Automatic):** Plug the USB-C charging cable into the flashlight. It will automatically unlock.
2. **Method 2 (Manual):** Long press Button 2 for 3 seconds. The front emitter will flash 3 times to indicate it is unlocked.

5.2 Charging the Battery

The RovyVon A26 is equipped with a built-in 850mAh Lithium Polymer battery and supports USB-C charging.

- Connect the provided USB-C cable to the flashlight's charging port and to a USB power source (e.g., computer, wall adapter).
- The indicator light will show charging status (refer to the indicator light section for details).
- A full charge typically takes approximately 1.5 hours.



Figure 3: Battery capacity and USB-C charging feature. The flashlight has an 850mAh battery and charges via USB-C.

6. Operating Instructions

All operations are performed when the flashlight is in the unlocked status.

6.1 Front Emitter Operation (Button 1)

- **Moonlight Mode:** Single click Button 1 to turn on Moonlight mode (0.5 lumens). Click again to turn it off.
- **Constant On Mode:** Rapid double click Button 1 to turn on Constant On mode. Click again to cycle through Low (10

lumens), Medium (100 lumens), High (300 lumens), and Turbo (600 lumens). Click again to turn it off.

- **Memory Mode:** The last-used brightness level in Constant On mode will be memorized and recalled the next time the flashlight is turned on.
- **Emergency Modes (Strobe/SOS):** Rapid triple click Button 1 to enter Emergency mode. Click again to cycle through Strobe and SOS. Press and hold Button 1 for 0.5 seconds to turn it off.
- **Locking the Power:** Long press Button 1 for 5 seconds to lock the power. The front emitter will flash 2 times to confirm.

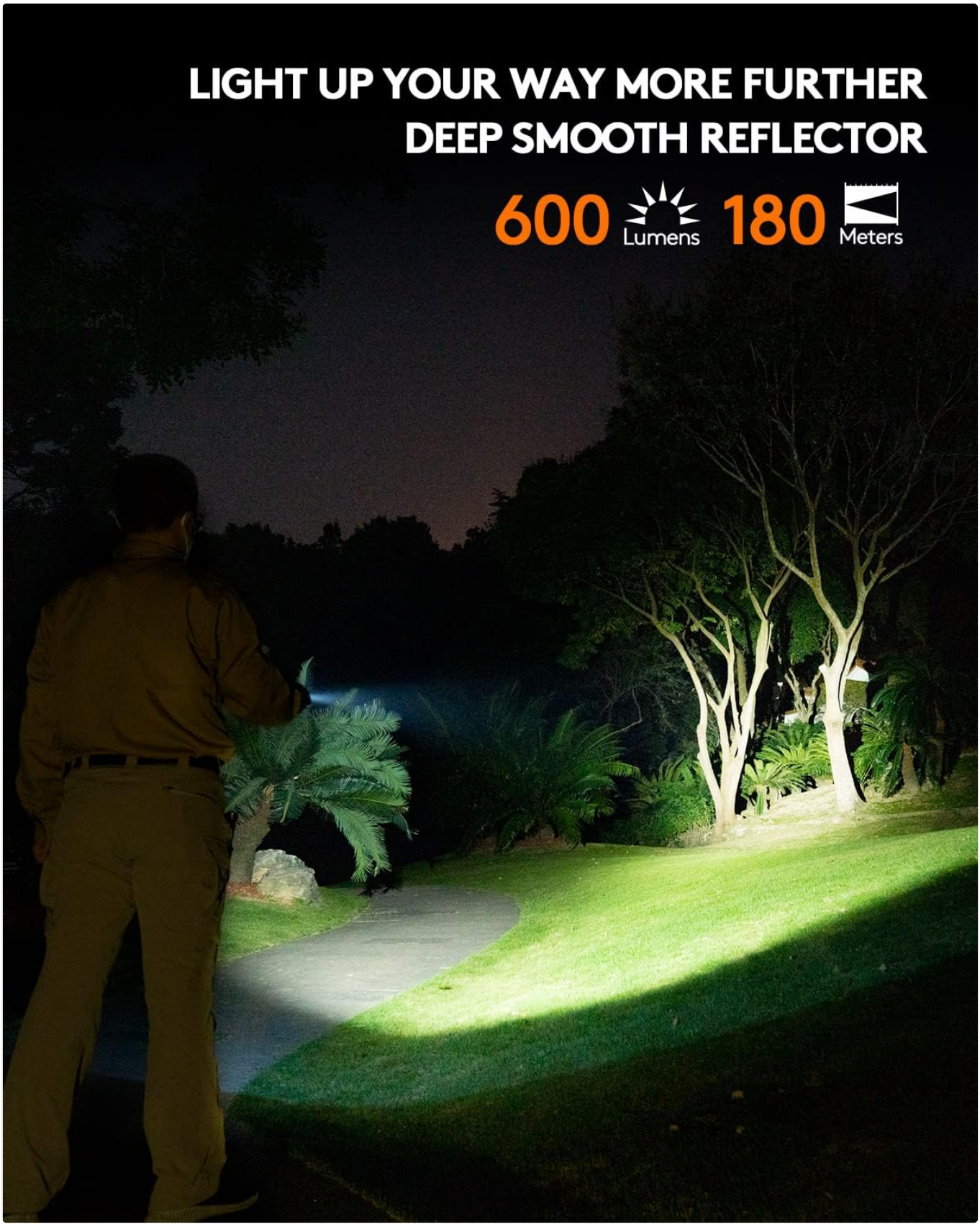


Figure 4: The RovyVon A26 flashlight illuminating a path, demonstrating its 600 lumens output and 180 meters throw.

6.2 Sidelight Operation (Button 2)

- **Momentary On (Front Emitter):** Press and hold Button 2 for momentary Turbo mode of the front emitter. Release to turn it off.
- **White Sidelight:** Single click Button 2 to turn on the White sidelight. Click again to cycle through White Low and White High. Press and hold Button 2 for 0.5 seconds to turn it off.
- **UV Sidelight:** Rapid double click Button 2 to turn on the 365nm UV light. Press and hold Button 2 for 0.5 seconds to turn it off. This UV light is useful for authenticating official documents or checking for fluorescent materials.



Figure 5: The RovyVon A26's 365nm UV sidelight in action, demonstrating its ability to reveal security features on banknotes and illuminate fluorescent objects like scorpions.

6.3 Official Product Video: Operation Guide

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Video 1: Operation of A26 EDC Flashlight. This video provides a visual demonstration of how to unlock, operate the main light, and use the sidelights of the RovyVon A26 flashlight.

7. Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the flashlight body. Do not use harsh chemicals or abrasives.
- **Storage:** Store the flashlight in a cool, dry place when not in use for extended periods. Recharge the battery every 3-6 months to maintain battery health.
- **Water Resistance:** Ensure the USB-C port cover is securely closed to maintain IPX8 water resistance.
- **Magnetic Clip:** The magnetic clip can be detached for cleaning or if not needed.



Figure 6: The RovyVon A26 flashlight submerged in water, illustrating its IPX8 water resistance rating.

8. Troubleshooting

Problem	Possible Cause	Solution
Flashlight does not turn on.	Battery is depleted or flashlight is locked.	Charge the battery. Unlock the flashlight by plugging in the charger or long pressing Button 2 for 3 seconds.
Light output is dim.	Low battery or incorrect mode.	Recharge the battery. Cycle through brightness modes using Button 1.
Sidelights not working.	Incorrect button press.	Ensure you are using Button 2 for sidelight activation (single click for white, rapid double click for UV).
Flashlight gets warm during use.	Normal operation at high brightness levels.	This is normal. If it becomes excessively hot, reduce brightness or turn off for a few minutes.

9. Specifications

Feature	Detail
Model	A26
Light Source	LED (Front Emitter), Warm White & 365nm UV (Sidelights)
Max Output	600 Lumens
Max Throw	180 Meters (590 ft)
Battery	Built-in 850mAh Lithium Polymer
Charging Port	USB-C
Water Resistance	IPX8
Dimensions	0.8"D x 0.8"W x 2.9"H
Weight	51 Grams (1.8 ounces)
Material	Polycarbonate

10. Warranty and Support

RovyVon stands behind its products and offers comprehensive after-sales service. If you encounter any issues or have questions regarding your RovyVon A26 EDC Flashlight, please contact us directly.

- **Warranty:** Please refer to the included Warranty Card for detailed warranty terms and conditions.
- **Customer Support:** For inquiries, please reach out to RovyVon customer service. We aim to respond within 24 hours.
- **Online Resources:** Visit the official RovyVon store for more product information and support:RovyVon Official Store

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