

RovyVon E80SHKJP

RovyVon E80s LED Flashlight User Manual

Model: E80SHKJP | Brand: RovyVon

1. INTRODUCTION

Thank you for purchasing the RovyVon E80s LED Flashlight. This compact and powerful EDC (Everyday Carry) flashlight is designed for versatility and durability, featuring a main white light with up to 1800 lumens output and a beam distance of 180 meters. It includes a built-in 3000mAh battery for extended use, along with multiple side light modes including white, red, and 365nm UV. This manual provides essential information for safe and effective operation of your device.

2. SAFETY INFORMATION

- Do not shine the light directly into eyes. The powerful beam can cause temporary vision impairment or permanent eye damage.
- Keep out of reach of children.
- Do not disassemble the flashlight, as this may damage the device and void the warranty.
- Avoid exposing the flashlight to extreme temperatures or direct sunlight for prolonged periods.
- Use only the provided USB-C cable for charging.
- Ensure the charging port cover is securely closed to maintain water resistance.

3. PACKAGE CONTENTS

Please check the package for the following items:

- RovyVon E80s LED Flashlight
- USB-C Charging Cable
- User Manual
- Removable Pocket Clip (pre-installed or separate)

4. PRODUCT OVERVIEW

The RovyVon E80s features a durable aluminum alloy body, a main LED, and a side light array with multiple functions. It is designed for comfortable grip and easy portability.



Figure 4.1: Main view of the RovyVon E80s LED Flashlight.



Figure 4.2: The bidirectional and removable pocket clip allows for flexible carrying options, such as attaching to a strap or pocket.



Figure 4.3: The groove design on the flashlight body provides a non-slip surface and helps with sweat absorption, enhancing grip security.

5. SETUP

5.1 Initial Charging

Before first use, fully charge the flashlight. Connect the provided USB-C cable to the flashlight's charging port and to a USB power source (e.g., computer, wall adapter). The smart battery indicator will show charging status.

3000mAh バッテリー USB-C充電

スマートバッテリーインジケーター付き



Figure 5.1: The 3000mAh battery charges via USB-C, with a smart indicator showing charge level. Red indicates <4%, Blue indicates 5-19%, Green indicates 20-39%, Yellow indicates 40-59%, and all four blue lights indicate 60-100%.

6. OPERATING INSTRUCTIONS

6.1 Main White Light Operation

1. **Turn On/Off:** Press and hold the main switch for 0.5 seconds to turn the main light on or off.
2. **Mode Cycling:** While the main light is on, single-click the main switch to cycle through Low → Medium → High modes.
3. **Memory Function:** The main light will remember the last used mode when turned off and on again.

6.2 Side Light Operation

The E80s features a versatile side light array with white, red, and UV modes.



Figure 6.1: Various practical side light modes including white (low, medium, high), UV, and red (low, high, flash, beacon).

1. **Turn On/Off:** Double-click the side switch to turn the side light on or off.
2. **Mode Cycling (White/Red/UV):** While the side light is on, single-click the side switch to cycle through the available modes.
3. **White Side Light:** Offers Low, Medium, and High modes for general illumination or reading.
4. **Red Side Light:** Offers Low, High, Flash, and Beacon modes. Useful for preserving night vision or as a signal light.
5. **365nm UV Side Light:** Provides 1W output, suitable for currency verification, detecting pet stains, or checking hotel cleanliness. The front 365nm UV light offers up to 3W output for more specialized UV applications, with up to 4.5 hours of illumination.

7. MAINTENANCE

- **Cleaning:** Wipe the flashlight with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the flashlight in a cool, dry place when not in use. For long-term storage, charge the battery every 3-6 months to maintain battery health.
- **Water Resistance:** The E80s is IP68 rated. Ensure the USB-C port cover is fully sealed to maintain water resistance. Avoid prolonged submersion in water.

8. TROUBLESHOOTING

- **Flashlight not turning on:** Ensure the battery is charged. Connect to a USB-C power source and check the charging indicator.
- **Light output is dim:** The battery may be low. Recharge the flashlight.
- **Charging not working:** Check the USB-C cable and power source. Ensure the cable is fully inserted into the port.
- **Intermittent operation:** Ensure the flashlight is not overheating. Allow it to cool down if it has been operating on high mode for an extended period.

9. SPECIFICATIONS

Feature	Detail
Model	E80SHKJP
Brand	RovyVon
Main Light Output	Max 1800 Lumens
Beam Distance	Max 180 meters
Battery	Built-in 3000mAh
Charging Port	USB-C
Side Light Modes	White (Low/Medium/High), Red (Low/High/Flash/Beacon), 365nm UV (1W)
Front UV Light	365nm UV, Max 3W
Material	Aluminum Alloy
Color	Black
Water Resistance	IP68
Dimensions (L x W x H)	13.1 cm x 3 cm x 2.1 cm (5.16 in x 1.18 in x 0.83 in)
Weight	170 grams (6 oz)
Country of Origin	China

10. WARRANTY AND SUPPORT

The RovyVon E80s LED Flashlight comes with a limited warranty. For specific warranty terms and conditions, please refer to the product packaging or contact RovyVon customer support. If you encounter any issues or have questions regarding your product, please reach out to the retailer or RovyVon directly for assistance.