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BORUIT EV15-1

BORUIT EV15 Rechargeable EDC Flashlight User Manual

Model: EV15-1 | Brand: BORUIT

1. INTRODUCTION AND OVERVIEW

The BORUIT EV15 is a versatile and compact Everyday Carry (EDC) flashlight designed for various applications, from outdoor adventures to daily utility and emergencies. It features a powerful main light, a 365nm UV light, and a vibrant RGB side light, all housed in a durable, waterproof aluminum alloy body. This manual provides comprehensive instructions for the safe and effective use of your EV15 flashlight.



Figure 1: BORUIT EV15 Rechargeable EDC Flashlight

2. PRODUCT FEATURES

- **Powerful Main Light:** Offers 5 levels of brightness (Economic, Low, Medium, High, Turbo) with a maximum output of 1000 lumens and a beam distance of up to 100 meters. Includes Strobe and SOS warning light functions.
- **Home Blacklight (UV Light):** Integrated 365nm UV flashlight for detecting hidden pet stains, bed bugs, and verifying currency, providing 30% clearer detection compared to standard blacklights.
- **Dazzling RGB Side Light:** Features 9 RGB modes, including White, Red, Green, Blue, Flowing Rainbow, Red & Blue Flash, Red Dropflow, Green Dropflow, and Blue Dropflow, for ambient lighting and signaling.
- **Ultra-Long Battery Life:** Built-in 1000 mAh rechargeable battery with USB-C charging port. Fully charges in approximately three hours, offering up to 37 hours of illumination in micro-bright mode.

- **Rugged & Waterproof Design:** Constructed from durable aluminum alloy, capable of withstanding a 1-meter drop. IP65 waterproof and dustproof rating ensures reliable performance in rain, snow, or dusty conditions.
- **Magnetic Tailpiece:** Allows for hands-free attachment to metal surfaces.
- **Portable Clip:** Enables easy attachment to pockets, hat brims, or backpack straps.

Powerful Main Light



The image shows a hand holding a flashlight with a blue lanyard. The flashlight is illuminated, showing a bright white beam. The background is dark, making the light and icons stand out. The flashlight has 'EDC FLASH' and '1000LM' printed on it. The icons represent different light modes: Economic, Low, Medium, High, Turbo, Strobe, and SOS. The technical specifications are listed in the bottom left, and a close-up of the flashlight's lens is shown in the bottom right.

			
Economic	Low	Medium	High
			
Turbo	Strobe	SOS	

White Light
1000 Lumen

UV Light
365 nm

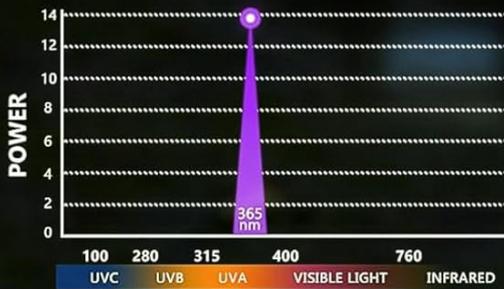
Color Temperature
6500-7000K



Figure 2: Main Light Modes and Brightness

365nm UV Light

Laboratory-grade 365nm violet light (3W) increases detection depth by 30% over ordinary flashlights



365nm UV Light Flashlight



Single-Click the Sidelight Button to activate UV Light



Figure 3: 365nm UV Light in action

Dazzle Color Side Lights

Multi-position sidelights for ambience, signaling, whatever you want



Figure 4: Dazzling Color Side Lights

3. PACKAGE CONTENTS

Upon opening your BORUIT EV15 package, please ensure all the following items are present:

- BORUIT EV15 Flashlight (with flat clip)
- USB-C Charging Cable
- Lanyard
- Keychain



Figure 5: Package Contents

4. SETUP AND CHARGING

4.1 Initial Charge

Before first use, fully charge your BORUIT EV15 flashlight. The device comes with a built-in 1000 mAh battery and charges via a USB-C port.

- Connect the provided USB-C charging cable to the flashlight's charging port and a compatible USB power source (e.g., wall adapter, computer USB port).
- The charging indicator light will flash red while charging.
- Once fully charged (approximately three hours), the indicator light will turn blue.

4.2 Battery Indicator

Monitor the battery level using the indicator light:

- **Blue Light:** 30% - 100% battery remaining.

- **Red Light:** 20% - 29% battery remaining.
- **Red Light Flash:** 1% - 19% battery remaining (recharge soon).



Figure 6: Charging and Battery Indicators

5. OPERATING INSTRUCTIONS

The BORUIT EV15 features a dual-switch combo for intuitive control of its main and side lights.

Dual Switch Combo



Figure 7: Dual Switch Combo Overview

5.1 Main Light Operation

The main light is controlled by the power button (marked with a power symbol).

- **Single-Click:** Turns the main light ON and cycles through brightness levels: Economic (10LM) → Low (70LM) → Medium (150LM) → High (720LM-180LM).
- **Double-Click:** Activates Turbo mode (1000LM-220LM) for maximum brightness.
- **Triple-Click:** Enters special modes, cycling through Strobe → SOS.
- **Press and Hold:** Turns the main light OFF from any mode.

Main Light Mode Specifications:

Mode	Brightness	Runtime
Economic	10LM	37h
Low	70LM	7.7h

Mode	Brightness	Runtime
Medium	150LM	5h
High	720LM-180LM	2.3h
Turbo	1000LM-220LM	2h
Strobe	/	9.75h
SOS	/	3h

5.2 Side Light Operation (UV & RGB)

The side light, including UV and RGB modes, is controlled by the secondary button (marked with a circular symbol).

- **Single-Click:** Activates the 365nm UV Light.
- **Double-Click:** Enters RGB mode and cycles through constant color options: White Light → Red Light → Green Light → Blue Light → Flowing Rainbow Light → Red & Blue Flash.
- **Triple-Click:** Enters color light infusion mode, cycling through: Red Dropflow Light → Green Dropflow Light → Blue Dropflow Light.
- **Press and Hold:** Turns the side light OFF from any mode.

Side Light Mode Specifications:

Mode	Runtime
UV Light	5h
White Light	8.8h
Red Light	20.9h
Green Light	20.8h
Blue Light	20.2h
Flowing Rainbow Light	2h
Red & Blue Flash	22.2h
Red Dropflow Light	36.2h
Green Dropflow Light	35.7h
Blue Dropflow Light	34.8h

Your browser does not support the video tag.

Video: Demonstration of BORUIT EV15 UV Light and RGB Side Light functions.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your BORUIT EV15 flashlight.

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery health, avoid fully discharging the battery frequently. Recharge the flashlight regularly, especially if it will be stored for an extended period.

- **Water Resistance:** While IP65 rated, avoid prolonged submersion in water. Ensure the USB-C port cover is securely closed to maintain water and dust resistance.



Figure 8: IP65 Waterproof and Drop Resistance

7. TROUBLESHOOTING

If you encounter issues with your BORUIT EV15 flashlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flashlight does not turn on.	Low battery; Incorrect operation.	Charge the battery fully. Ensure you are using the correct button presses (single-click for main light, press and hold to turn off).
Light output is dim.	Low battery; Not in desired brightness mode.	Recharge the battery. Cycle through main light modes with single-clicks or double-click for Turbo mode.

Problem	Possible Cause	Solution
Flashlight not charging.	Faulty cable/adapter; Loose connection.	Ensure the USB-C cable is securely connected to both the flashlight and the power source. Try a different USB-C cable or power adapter.
UV light or RGB side light not working.	Incorrect button press.	For UV light, single-click the side light button. For RGB modes, double-click the side light button. For color infusion modes, triple-click the side light button.

8. SPECIFICATIONS

Feature	Detail
Model	EV15-1
Brand	BORUIT
Material	Aluminum Alloy
Light Source Type	LED
Power Source	Battery Powered (Rechargeable)
Color	Black
White Brightness	1000 Lumens (Max)
Beam Distance	Up to 100M
UV Light Wavelength	365nm
Battery Capacity	1000 mAh
Charging Port	USB-C
Charge Time	Approx. 3 hours
Water Resistance Level	IP65 Waterproof
Drop Resistance	1 Meter (39 inches)
Product Dimensions	2.7"D x 1.5"W x 1"H
Item Weight	3.98 ounces
Country of Origin	China

9. WARRANTY AND SUPPORT

The BORUIT EV15 flashlight is manufactured with high-quality materials and undergoes rigorous quality control. For any product-related inquiries, technical support, or warranty claims, please contact the seller directly through your purchase platform. Please retain your proof of purchase for any warranty services.

For more information about BORUIT products, you may visit the official BORUIT Store: [BORUIT Store on Amazon](#).



