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> [Relybo A11 XHQ100 Ultra Powerful LED Rechargeable Flashlight User Manual](#)

## Relybo A11 XHQ100

# Relybo A11 XHQ100 Ultra Powerful LED Rechargeable Flashlight User Manual

Model: A11 XHQ100 | Brand: Relybo

## 1. INTRODUCTION

Thank you for choosing the Relybo A11 XHQ100 Ultra Powerful LED Rechargeable Flashlight. This high-performance flashlight is designed for various applications, including camping, hiking, fishing, running, dog walking, emergency situations, and general daily use. Featuring an advanced XHQ100 LED chip, an intelligent control system, and robust construction, it provides exceptional brightness and reliability. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your device.

## 2. SAFETY INFORMATION

- **Do not look directly into the LED beam:** The powerful light can cause temporary vision impairment or permanent eye damage.
- **Keep out of reach of children:** This flashlight is not a toy.
- **Use only specified batteries:** Using incorrect batteries may cause fire, explosion, or injury.
- **Do not disassemble or modify the flashlight:** This may void the warranty and pose safety risks.
- **Avoid extreme temperatures:** Do not expose the flashlight to direct sunlight, high temperatures, or freezing conditions for extended periods.
- **Water Resistance:** The flashlight is IPX6 water-resistant, meaning it can withstand strong jets of water. It is not designed for submersion.

## 3. PACKAGE CONTENTS

Please check the box for the following items:

- Relybo A11 Flashlight (x1)
- Rechargeable Batteries (4000 mAh) (x3)
- USB-C Charging Cable (x1)
- UV Black Light Flashlight (x1)
- Lanyard (x1)

- User Manual (x1)
- Gift Box (x1)

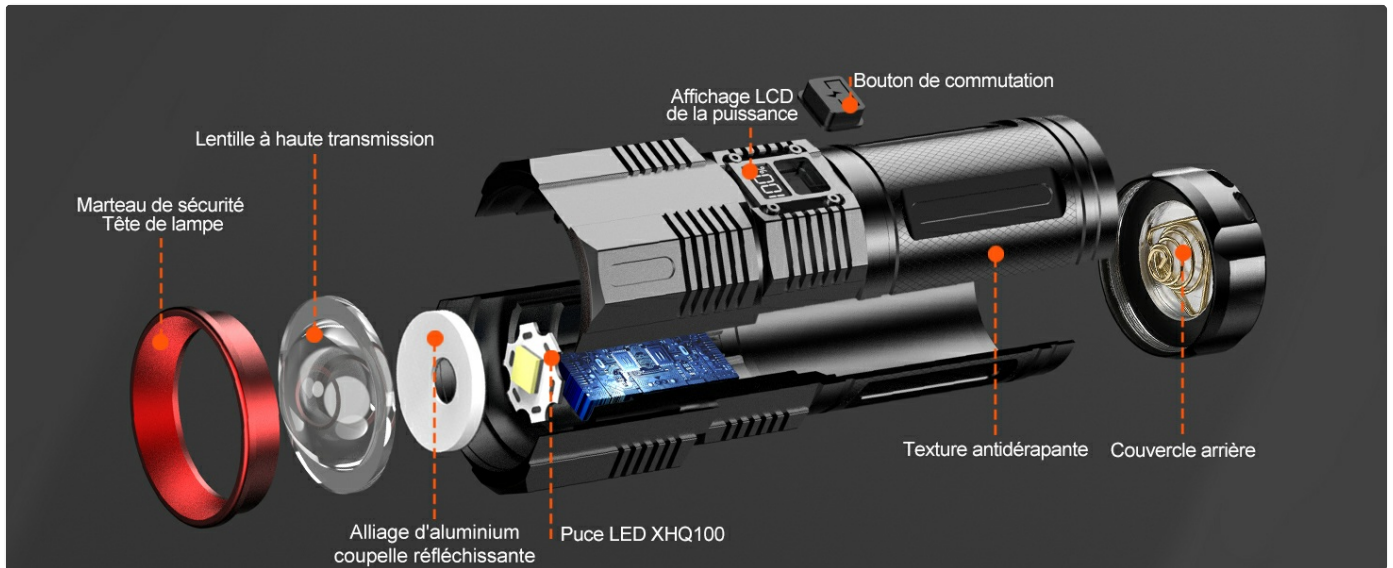


Figure 3.1: Included components in the Relybo A11 package.

## 4. PRODUCT OVERVIEW

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The Relybo A11 XHQ100 flashlight is constructed from aerospace-grade aluminum, ensuring durability and resistance to impact, scratches, and extreme temperatures. It features an IPX6 water-resistant rating, making it suitable for challenging environments. The integrated LCD display provides real-time battery status. Its design incorporates a bionic shark fin structure for efficient heat dissipation, maintaining optimal performance during extended use.



Figure 4.1: Exploded view of the Relybo A11 Flashlight components.



Figure 4.2: Bionic shark fin structure for efficient heat dissipation.



Figure 4.3: IPX6 Water Resistance and Durability Features.

## 5. SETUP

### 5.1 Battery Installation

1. Unscrew the tail cap of the flashlight.
2. Identify the positive (+) and negative (-) poles of the batteries.
3. Insert the three rechargeable batteries correctly into the battery holder, observing polarity.
4. Insert the battery holder correctly into the flashlight body.
5. Securely screw the tail cap back onto the flashlight.
6. The flashlight is now ready for use.



Figure 5.1: Battery installation steps.

### 5.2 Initial Charging

Before first use, it is recommended to fully charge the flashlight. Connect the provided USB-C cable to the flashlight's Type-C input port and plug the other end into a compatible USB power source (e.g., wall adapter, computer, power bank). The LCD display will show the charging progress. A full charge provides up to 48 hours of continuous light in low mode.



Figure 5.2: Charging the flashlight via Type-C input.

## 6. OPERATING INSTRUCTIONS

### 6.1 Power On/Off and Mode Selection

- **Power On/Off:** Press the power button once to turn the flashlight on or off.
- **Normal Modes:** While the flashlight is on, press the power button once to cycle through the normal modes: High > Low > Strobe.
- **SOS Mode:** Double-press the power button consecutively to quickly activate the SOS emergency signal mode.
- **Stepless Dimming:** Press and hold the power button to activate the stepless dimming function, allowing you to adjust brightness between 1,000 and 1,000,000 lumens. Release the button at your desired brightness level.
- **Quick Off Feature:** If the flashlight has been operating in any mode for more than 8 seconds, a single press of the power button will turn it off directly, without cycling through other modes.



Figure 6.1: Intelligent Switch and Lighting Modes.

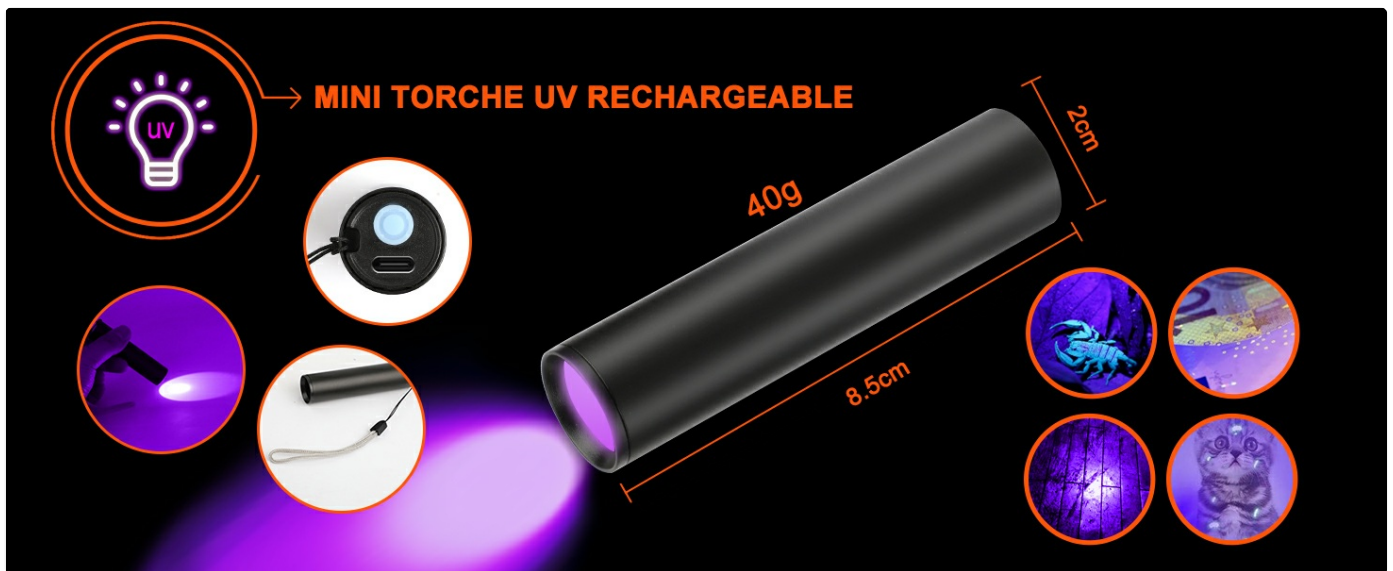


Figure 6.2: Concentrated Beam and Floodlight Capabilities.

## 6.2 Power Bank Function

The Relybo A11 flashlight can also function as a power bank. Connect your mobile device (e.g., smartphone, smartwatch, earbuds) to the flashlight's USB-A output port using a compatible charging cable. The flashlight will begin charging your device, providing a convenient power source during emergencies or when away from traditional outlets.



Figure 6.3: Using the flashlight as a power bank.

## 6.3 UV Mini Flashlight

The included mini UV flashlight is useful for various daily tasks such as detecting counterfeit currency, identifying pet stains, or checking for scorpions. Simply press the button on the UV flashlight to turn it on or off.



Figure 6.4: Included UV Mini Flashlight and its applications.

## 7. MAINTENANCE

- **Cleaning:** Wipe the flashlight with a clean, soft cloth. For stubborn dirt, use a slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** If the flashlight will not be used for an extended period, remove the batteries to prevent leakage. Store batteries in a cool, dry place.
- **Lubrication:** Periodically lubricate the O-rings and threads with silicone grease to maintain water resistance and smooth operation.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flashlight does not turn on.	Low battery or incorrect battery installation.	Charge the batteries or ensure they are inserted with correct polarity.
Light is dim or flickers.	Low battery or loose connections.	Recharge batteries. Tighten the tail cap and ensure battery holder is secure.
Flashlight does not charge.	Faulty cable or power source.	Try a different USB-C cable or power adapter. Ensure the cable is fully inserted.
Power bank function not working.	Low flashlight battery or incompatible device.	Ensure flashlight is sufficiently charged. Try charging a different device.

## 9. SPECIFICATIONS

Feature	Detail
Brand	Relybo
Model Number	A11 XHQ100

Feature	Detail
Product Dimensions	18 x 4.9 x 6 cm
Weight	406 grams
Batteries	3 x 4000 mAh Rechargeable Lithium-ion (included)
LED Chip	XHQ100
Luminous Flux	Up to 1,000,000 Lumens (5E+4 lm listed in specs, but 1M in features, using 1M as per product title)
Power	60.0 W
Material	Aluminum
Color	Black
Water Resistance	IPX6
Special Features	Adjustable focus, Stepless dimming, LCD display, Type-C input, USB output (power bank), Durable, Shock-resistant, Weather-resistant

## 10. WARRANTY AND SUPPORT

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Relybo products are designed for quality and reliability. For warranty information or technical support, please refer to the specific warranty card included with your product or contact the seller directly through your purchase platform. Please retain your proof of purchase for any warranty claims.

