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› [OLIGHT ORB-16C05-10C 550mAh Rechargeable Battery Instruction Manual for S1R II, Perun Mini, and Baton3 Flashlights](#)

OLIGHT ORB-16C05-10C

OLIGHT ORB-16C05-10C 550mAh Rechargeable Battery Instruction Manual

For Olight S1R II (1000 lumens), Perun Mini, and Baton3 (1200 lumens) Flashlights

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your OLIGHT ORB-16C05-10C 550mAh rechargeable batteries. These custom-designed batteries offer high-performance power and are specifically engineered for compatibility with select OLIGHT flashlights. Please read this manual thoroughly before use and retain it for future reference.

2. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	OLIGHT
Model Number	ORB-16C05-10C
Battery Type	Custom Designed Lithium Ion
Battery Capacity	550 mAh
Voltage	3.7 V
Recharge Cycles	Up to 500 times
Dimensions (L x W x H)	1.35" x 0.66" x 0.66" (34.3mm x 16.8mm x 16.8mm)
Weight	0.6 oz (17g)

3. PACKAGE CONTENTS

- Two (2) OLIGHT ORB-16C05-10C 550mAh Rechargeable Batteries
- One (1) Battery Organizer



Image: Two OLIGHT 16C05-10C 550mAh rechargeable batteries stored within a clear plastic organizer. The organizer helps keep the batteries secure and protected.

4. COMPATIBILITY

These OLIGHT ORB-16C05-10C batteries are **custom-designed** and are compatible with the following OLIGHT flashlight models:

- Olight S1R II (1000 lumens version)
- Olight Perun Mini headlamp
- Olight Baton3 (1200 lumens version) flashlight

Important Compatibility Notes:

- These batteries are **NOT** compatible with the Olight S1R I (900 lumens version). If your light does not explicitly state "S1R II", it will not work.
- These batteries are **NOT** compatible with any other flashlight models or devices not listed above.

5. CHARGING INSTRUCTIONS

The OLIGHT ORB-16C05-10C batteries must be charged exclusively within their compatible OLIGHT flashlights using the Olight magnetic charging system.

- Insert the battery into a compatible Olight S1R II, Perun Mini, or Baton3 flashlight.
- Attach the Olight magnetic charging cable to the tailcap of the flashlight.
- Ensure the charging indicator on the magnetic charger or flashlight shows a successful connection and charging status.

Critical Charging Warning:

- **DO NOT** attempt to charge these batteries with any external charger. Using an incompatible charger may damage the battery, the charger, or pose a safety risk.

Your browser does not support the video tag.

Video: An official OLIGHT video demonstrating the features of the Baton 4 flashlight, which is compatible with the ORB-16C05-10C battery and utilizes the magnetic charging system.

6. SAFETY INFORMATION

To ensure safe operation and prolong the lifespan of your batteries, please adhere to the following safety guidelines:

- **Do Not Modify:** Never attempt to modify the battery in any way. Unauthorized modifications can lead to overheating, fire, or explosion.
- **Proper Use:** Use these batteries only with the specified compatible OLIGHT flashlights.
- **Protection Features:** The batteries are equipped with built-in circuit protection and triple over-heat protection to safeguard against shorts and over-discharging.
- **Avoid Damage:** Do not expose batteries to extreme temperatures, direct sunlight, water, or impact.
- **Keep Away from Children:** Store batteries out of reach of children.

7. USAGE GUIDELINES

- For optimal performance, fully charge the batteries before first use.
- Avoid completely draining the battery whenever possible to extend its overall lifespan.
- If storing the batteries for an extended period, charge them to approximately 50% capacity and store them in a cool, dry place.

8. STORAGE AND DISPOSAL

- **Storage:** Store batteries in the provided battery organizer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Disposal:** Do not dispose of batteries in household waste. Always follow local regulations for battery recycling and disposal.

9. TROUBLESHOOTING

If you experience issues with your OLIGHT ORB-16C05-10C batteries, consider the following:

- **Battery Not Charging:** Ensure the battery is correctly inserted into a compatible OLIGHT flashlight and the magnetic charger is properly connected and powered. Verify that the flashlight model is listed as compatible.
- **Short Runtime:** Battery capacity may decrease over time with repeated charge cycles. Ensure the battery is fully charged before use.
- **Light Not Functioning:** Confirm the battery is fully charged and correctly inserted. Check the flashlight for any other issues according to its specific manual.

If problems persist, please contact OLIGHT customer support.

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official OLIGHT website or contact your authorized OLIGHT dealer. Keep your proof of purchase for warranty claims.

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