

## Imren IMR 18350

# IMREN IMR 18350 Rechargeable Batteries and Charger User Manual

Model: IMR 18350

## INTRODUCTION

---

This manual provides essential instructions for the safe and effective use of your IMREN IMR 18350 3.7V Button Top Rechargeable Li-ion Batteries and the accompanying battery charger. Please read this manual thoroughly before first use and retain it for future reference.

## IMPORTANT SAFETY INFORMATION

---

**Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to property.**

- Use only the provided charger or a compatible Li-ion charger specifically designed for 18350 batteries.
- Do not expose batteries or charger to water, moisture, or extreme temperatures.
- Do not disassemble, puncture, or modify the batteries or charger.
- Keep batteries away from metal objects (e.g., keys, jewelry) to prevent short circuits.
- Do not dispose of batteries in fire.
- If a battery leaks, swells, or emits an unusual odor, discontinue use immediately and dispose of it properly.
- Keep out of reach of children and pets.
- Ensure correct polarity (+/-) when inserting batteries into the charger or device.

## PACKAGE CONTENTS

---

- 4 x IMREN IMR 18350 3.7V 800mAh Rechargeable Li-ion Batteries
- 1 x IMREN 18350 Battery Charger (with Micro USB-C input)
- 1 x USB Charging Cable (may vary)

## SPECIFICATIONS

---

Feature	Specification
Battery Type	IMR 18350 Li-ion, Button Top
Nominal Voltage	3.7V
Capacity	800mAh
Max Discharge Current	15A
Battery Dimensions	18.3 x 35 mm (approx. 1.38 x 0.72 x 0.72 inches)
Charging Cycles	Over 500 cycles
Charger Input	Micro USB-C
Charger Output Current	Up to 1000mA (per slot)

**Note:** Before purchase, verify your device's manual for 18350 battery compatibility. This battery may not fit devices not explicitly listing IMR 18350.

## SETUP

---

- Unpack:** Carefully remove all components from the packaging.
- Connect Charger:** Connect the provided USB charging cable to the Micro USB-C port on the charger. Plug the other end into a compatible USB power source (e.g., wall adapter, computer USB port).
- Insert Batteries:** Insert the IMREN 18350 batteries into the charger slots, ensuring the positive (+) and negative (-) terminals align correctly with the markings on the charger. The charger typically has a spring-loaded negative contact.

# Mirco USB-C



Image: The IMREN 18350 battery charger with two batteries inserted, connected to a power source via a USB-C cable. This illustrates the correct setup for charging.



Image: A close-up of hands holding the IMREN 18350 charger with batteries, demonstrating proper battery insertion and handling.

## OPERATING INSTRUCTIONS

---

### Charging the Batteries

1. After connecting the charger and inserting batteries (as per Setup), the charger's indicator lights will illuminate to show the charging status.
2. The indicator lights typically show charging progress (e.g., blinking for charging, solid for fully charged). Refer to the charger's specific indicators for detailed status.
3. Charging time varies depending on the battery's remaining charge and the power source. The charger supports up to 1000mA per slot for faster charging.
4. Once fully charged, remove the batteries from the charger.

# FASTER CHARGING

# 1000mA



Image: The charger displaying its charging capability, indicating a fast charging rate of up to 1000mA per battery slot.

## Using the Batteries

- Insert the charged 18350 batteries into your compatible device (e.g., flashlight) according to the device's polarity markings.
- These batteries are suitable for devices such as Nitecore EC11, MT10C, Sofirn IF19, SP40, Modlite, Radiomaster Zorro RC, Surefire Scout m600DF, Thrunite T1S, and Skillhunt H04 RC.
- When the device indicates low battery, remove the batteries and recharge them.

# FLASHLIGHT BATTERY

Thrunite T1S

Nitecore EC11 and MT10C



Image: An IMREN 18350 battery next to a flashlight, illustrating its intended use in compatible devices.

# CAN BE RECHARGEABLE 500 TIMES CAPACITY: 800MAH



1 battery



500 times

Image: This graphic highlights the battery's long cycle life, indicating it can be recharged over 500 times, and its 800mAh capacity.



Image: A set of four IMREN 18350 rechargeable batteries, showcasing their button-top design and specifications.

## MAINTENANCE

---

- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge batteries to about 50% capacity.
- **Cleaning:** Keep the charger and battery contacts clean and free of dust or debris. Use a dry, soft cloth for cleaning.
- **Disposal:** Do not dispose of Li-ion batteries in household waste. Recycle them at an authorized battery recycling facility.

## TROUBLESHOOTING

---

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Batteries not charging	<ul style="list-style-type: none"> <li>◦ Charger not connected to power.</li> <li>◦ Incorrect battery insertion (polarity).</li> <li>◦ Faulty USB cable or power adapter.</li> <li>◦ Battery is fully charged.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure charger is properly plugged in.</li> <li>◦ Re-insert batteries with correct polarity.</li> <li>◦ Try a different USB cable or power adapter.</li> <li>◦ Check charger indicator lights; if solid, battery is full.</li> </ul>
Charger indicator lights not working	<ul style="list-style-type: none"> <li>◦ No power supply.</li> <li>◦ Charger malfunction.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Verify power connection.</li> <li>◦ Contact customer support if power is confirmed and charger remains unresponsive.</li> </ul>
Battery not fitting device	<ul style="list-style-type: none"> <li>◦ Device not compatible with 18350 size.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Refer to your device's manual for compatible battery types.</li> </ul>

## WARRANTY AND SUPPORT

---

IMREN products are manufactured with quality and reliability in mind. For warranty information, technical support, or any questions regarding your IMREN IMR 18350 batteries and charger, please contact IMREN customer service through their official website or the retailer where the product was purchased.

You can visit the official IMREN store for more information: [IMREN Store on Amazon](#)

