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> QOJH 18650 3.7V 3000mAh Flat Top Rechargeable Lithium Battery User Manual

## QOJH 18650

# QOJH 18650 3.7V 3000mAh Flat Top Rechargeable Lithium Battery User Manual

Model: 18650 | Brand: QOJH

## INTRODUCTION

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This manual provides essential information for the safe and effective use of your QOJH 18650 3.7V 3000mAh Flat Top Rechargeable Lithium Batteries. Please read this manual thoroughly before use and retain it for future reference.



Image: Two QOJH 18650 3.7V 3000mAh flat top rechargeable lithium batteries, showing their cylindrical shape and flat positive terminal.

## SAFETY INFORMATION

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Lithium-ion batteries require careful handling. Adhere to the following safety guidelines to prevent injury or damage:

- Do not disassemble, crush, puncture, or short-circuit the battery.
- Do not expose the battery to water or extreme temperatures (above 60°C/140°F or below -20°C/-4°F).
- Do not dispose of batteries in fire.
- Use only chargers specifically designed for 18650 lithium-ion batteries.
- Keep batteries away from children and pets.
- If the battery leaks, swells, or emits an odor, discontinue use immediately and dispose of it properly.
- Ensure correct polarity (+/-) when inserting batteries into devices or chargers.

## PRODUCT OVERVIEW

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The QOJH 18650 battery is a high-capacity, flat-top rechargeable lithium-ion cell designed for various electronic devices. Key features include:

- **Voltage:** 3.7 Volts (Standard)
- **Capacity:** 3000mAh
- **Type:** Flat Top Lithium-Ion
- **Recharge Cycles:** Over 2000 times
- **Low Self-Discharge:** Maintains over 60% power after 2 years of non-use.



Image: A graphic highlighting the 3000mAh capacity of the QOJH 18650 battery, indicating long-lasting power.

## SETUP

1. **Check Compatibility:** Before use, confirm that your device requires a 3.7V 18650 flat top lithium battery with dimensions of approximately 18mm x 65mm (0.7" x 2.55"). This battery is a flat top type, which differs from button top batteries in height.

2. **Initial Charge:** The batteries are pre-charged and ready for immediate use. For optimal performance and longevity, it is recommended to fully charge them before the first extended use.
3. **Insert Battery:** Carefully insert the battery into your device or charger, ensuring the positive (+) and negative (-) terminals align correctly. Incorrect insertion can damage the battery or device.

## CAUTION

The height of the button top battery and the flat top battery is different. So please make sure your device can use this item before placing an order.



Image: A diagram illustrating the difference in height between a flat top 18650 battery (65mm) and a button top 18650 battery (67mm), emphasizing the importance of checking device compatibility.

## OPERATING INSTRUCTIONS

These batteries are designed for a wide range of compatible devices:

- LED flashlights
- Headlamps
- Solar lights
- Game controllers

- Emergency lights
- Portable electronic devices
- Toys and remote controls
- Doorbells

Always refer to your device's manual for specific battery installation and usage guidelines.



Image: A collage demonstrating the universal compatibility of 18650 batteries with various devices such as flashlights, headlamps, remote control cars, and game controllers.

## MAINTENANCE

- **Charging:** Use a dedicated 18650 lithium-ion battery charger. Avoid overcharging or deep discharging, as this can reduce battery lifespan. The batteries can be recharged over 2000 times.
- **Storage:** Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to store them at approximately 50% charge.

- **Self-Discharge:** These batteries feature a low self-discharge rate, retaining over 60% of their charge after 2 years of non-use.
- **Disposal:** Do not dispose of lithium-ion batteries with household waste. Recycle them at an authorized battery recycling facility.

# RECHARGED UP TO 2000+ TIMES

Saving money for you on purchasing disposable alkaline batteries, reduce environmental damage.



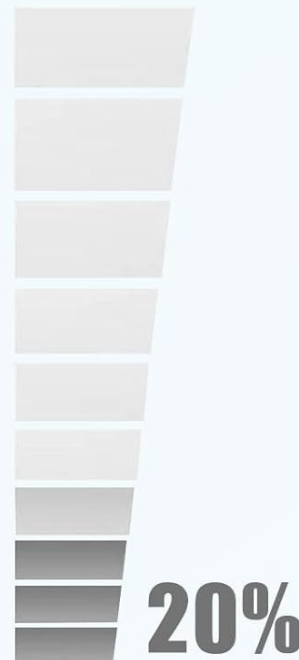
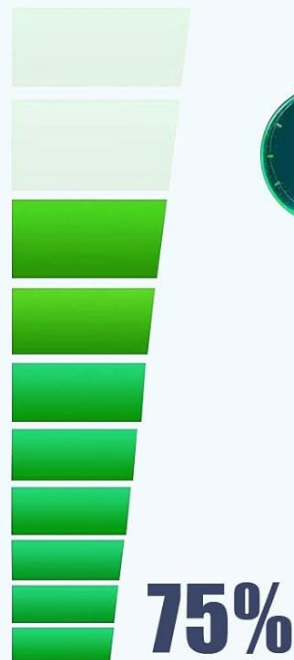
2000+ Times



Image: A visual representation of the QOJH 18650 battery being rechargeable over 2000 times, equating to saving many disposable alkaline batteries.

# LOW-SELF DISCHARGE FUNCTION

Maintaining more than 75% power after 3 years of storage.  
longer life-span for durable performance



RAFZCCF Rechargeable batteries



Other Brand Batteries

Image: A graph demonstrating the low self-discharge function of QOJH rechargeable batteries, showing they maintain over 75% power after 3 years of storage, significantly better than other brands.

## TROUBLESHOOTING

If you encounter issues with your QOJH 18650 batteries, consider the following:

- **Battery Not Charging:**

- Ensure the charger is compatible with 18650 lithium-ion batteries.
- Check for proper battery insertion and polarity.
- Inspect the battery and charger for any visible damage.

- **Device Not Powering On:**

- Verify the battery is fully charged.
- Confirm correct battery orientation in the device.
- Check if the device itself is functioning correctly with other known good batteries.

- **Reduced Run Time:**

- Batteries naturally degrade over many charge cycles.
- Ensure the device is not drawing excessive power.
- Consider replacing older batteries if performance significantly diminishes.

## SPECIFICATIONS

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Feature	Detail
<b>Model</b>	18650
<b>Battery Type</b>	Lithium Ion
<b>Nominal Voltage</b>	3.7V
<b>Capacity</b>	3000mAh
<b>Dimensions (L x D)</b>	65mm x 18mm (2.55" x 0.7")
<b>Top Type</b>	Flat Top
<b>Recharge Cycles</b>	2000+ times
<b>Self-Discharge Rate</b>	Retains >60% charge after 2 years
<b>Operating Temperature</b>	Stable performance in low or high temperature environments
<b>Manufacturer</b>	RAFZCCF

# UNDER ANY CONDITIONS

Stable and good performance at low or high temperature environment



Image: An illustration depicting the 18650 battery performing stably in both cold (snowy mountains) and warm (sunny golf course) environments.

## WARRANTY AND SUPPORT

QOJH provides a 1-month return and exchange policy for these batteries. If you have any questions, concerns, or require assistance with your QOJH 3.7V 18650 batteries, please contact our customer service team. We are committed to providing professional solutions and satisfactory services.

For support, please refer to the contact information provided with your purchase or visit the official QOJH store on Amazon.

**QOJH Store Link:** [QOJH Official Store](#)



