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› Cheerwing U38S-22 Drone Battery User Manual

## Cheerwing U38S-22

# Cheerwing U38S-22 Drone Battery User Manual

Model: U38S-22

## INTRODUCTION

This manual provides essential information for the safe and effective use of your Cheerwing U38S-22 Drone Battery. This high-performance 11.1V 2600mAh 28.86Wh Li-po rechargeable battery is specifically designed for the Udirc U38S GPS Drone, ensuring optimal power and flight duration.



Image: Cheerwing U38S-22 Drone Battery. A black rectangular battery pack with green indicator lights and a power button on top.

## SAFETY INFORMATION

Please read and understand all safety warnings before using the battery. Failure to follow these instructions may result in fire, injury, or property damage.

- Do not disassemble, puncture, or modify the battery.
- Do not expose the battery to extreme temperatures (above 60°C/140°F or below 0°C/32°F), direct sunlight, or fire.
- Do not short-circuit the battery terminals.
- Use only the specified charger for this battery.
- Keep out of reach of children.
- If the battery swells, leaks, or shows any signs of damage, discontinue use immediately and dispose of it properly according to local regulations.

## SETUP AND CHARGING

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### Initial Charging

Before first use, fully charge the battery. Connect the battery to the appropriate charger designed for Li-po batteries. The charging time may vary depending on the charger and the battery's initial charge level. Always supervise the battery during charging.

### Battery Installation

To install the battery into your Udirc U38S GPS Drone:

1. Ensure the drone is powered off and disconnected from any power source.
2. Locate the battery compartment on the drone (refer to your drone's manual for exact location).
3. Carefully insert the battery into the compartment, ensuring the connectors align correctly.
4. Secure the battery in place according to the drone's specific design (e.g., latch, clip). Ensure it is firmly seated to prevent dislodging during flight.

## OPERATION

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Once the battery is installed and fully charged, you can power on your Udirc U38S GPS Drone. The battery provides the necessary power for flight and all drone functions. Monitor the battery level indicators on your drone or remote control during operation to avoid unexpected power loss.

### Important Notes:

- Always ensure the battery is securely connected before flight.
- Avoid completely draining the battery, as this can significantly reduce its lifespan and performance.
- If the drone indicates a low battery warning, land it safely and immediately replace or recharge the battery.

## MAINTENANCE AND STORAGE

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### Battery Care

- Clean the battery terminals periodically with a dry, soft cloth to ensure good electrical contact.
- Do not expose the battery to water or excessive moisture. If it gets wet, dry it thoroughly before use or charging.
- Avoid dropping or subjecting the battery to severe impacts, as this can damage internal components.

### Storage

For long-term storage, it is recommended to store the Li-po battery at a partial charge (around 50-60% of its capacity). Store it in a cool, dry place, away from direct sunlight, heat sources, and flammable materials. Do not store fully charged or fully depleted for extended periods.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging	Incorrect charger used; Loose connection; Damaged battery or charger	Ensure the correct charger for Li-po batteries is used; Check all connections are secure; Inspect battery and charger for visible damage.
Short flight time	Battery not fully charged; Old or degraded battery; Overuse or aggressive flying style	Fully charge the battery before each use; Consider replacing the battery if it's old or shows significant capacity loss; Adjust flying style to conserve power.
Drone not powering on	Battery not installed correctly; Battery completely depleted; Damaged battery	Reinstall the battery, ensuring it clicks into place; Charge the battery fully; Inspect the battery for any signs of damage or swelling.

## SPECIFICATIONS

Feature	Detail
Model	U38S-22
Battery Type	Li-po Rechargeable Battery
Voltage	11.1V
Capacity	2600mAh
Energy	28.86Wh
Weight	220g / 7.76oz
Compatibility	Udirc U38S GPS Drone

## WARRANTY AND SUPPORT

For specific warranty information and customer support, please refer to the official Cheerwing website or contact their customer service directly. It is advisable to keep your purchase receipt as proof of purchase for any warranty claims.

Cheerwing is committed to providing high-quality products and outstanding after-sales service to ensure customer satisfaction.