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## Holy Stone HS110D Battery

# Holy Stone 3.7V 1000mAh Modular Rechargeable Li-po Battery User Manual for HS110D RC Quadcopter Drone

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective use of your Holy Stone 3.7V 1000mAh Modular Rechargeable Li-po Battery, specifically designed for the HS110D RC Quadcopter Drone. Please read this manual thoroughly before use to ensure optimal performance and safety.



Image 1.1: The Holy Stone 3.7V 1000mAh Modular Rechargeable Li-po Battery.

## 2. SAFETY INFORMATION

Lithium Polymer (Li-po) batteries require careful handling. Failure to follow these safety guidelines can result in fire, personal injury, or property damage.

- **Charging:** Use only the original Holy Stone charger designed for this battery. Never leave charging batteries unattended. Disconnect the battery from the charger once fully charged.
- **Storage:** Store batteries in a cool, dry place, away from direct sunlight, heat sources, and flammable materials. Do not store fully charged or fully discharged for extended periods.
- **Handling:** Do not puncture, drop, short-circuit, or disassemble the battery. Avoid exposing the battery

to water or extreme temperatures.

- **Disposal:** Dispose of depleted or damaged batteries according to local regulations. Do not dispose of batteries in household waste.
- **Compatibility:** This battery is specifically for the Holy Stone HS110D drone. It is **NOT** compatible with the HS110G GPS drone.

Image 2.1: The battery complies with UL1642 and UL2054 certification standards in the United States, ensuring safety and quality.

### 3. PACKAGE CONTENTS

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The package includes:

- 1 x Holy Stone 3.7V 1000mAh Modular Rechargeable Li-po Battery

### 4. SETUP AND INSTALLATION

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To install the battery into your Holy Stone HS110D drone:

1. Ensure the drone is powered off.
2. Locate the battery compartment on the drone. Refer to your HS110D drone's instruction manual for specific compartment location and opening procedures.
3. Carefully insert the 3.7V 1000mAh modular battery into the compartment, ensuring it clicks securely into place.
4. Close the battery compartment cover.

## POWERFUL ORIGINAL MODULAR BATTERY



Image 4.1: The modular battery design allows for easy and secure insertion into the drone, providing intelligent and safer power.

## 5. CHARGING INSTRUCTIONS

Follow these steps to charge your Li-po battery:

1. Connect the battery to the designated Holy Stone charger.
2. Plug the charger into a suitable power source.
3. The red indicator light on the charger will turn on, indicating that the battery is currently charging.
4. Once charging is complete, the red indicator light will turn off or change color (refer to your charger's specific instructions).
5. Disconnect the battery from the charger.

**Note:** Always use the charger provided with your Holy Stone drone or an official Holy Stone replacement charger. Using unauthorized chargers may damage the battery and void your warranty.

# CONSTANT VOLTAGE CONTINUOUS STORING

3.7V 1000MAH RECHARGEABLE LI-PO BATTERY



Image 5.1: The 3.7V 1000mAh rechargeable Li-po battery features constant voltage continuous storing for stable power delivery.

## 6. OPERATING THE BATTERY

Once installed and charged, the battery powers your HS110D drone. The modular design ensures a secure connection and reliable power during flight.

- Ensure the battery is fully charged before each flight for optimal performance and flight duration.
- Monitor the drone's battery indicator during flight to avoid sudden power loss.
- After use, allow the battery to cool down before recharging.



Image 6.1: The modular battery design offers long battery life and is user-friendly and safe for drone operation.

## 7. MAINTENANCE AND STORAGE

Proper maintenance and storage extend the lifespan of your battery:

- **Cleaning:** Keep battery contacts clean and free from debris. Use a dry cloth to wipe the battery if necessary.
- **Long-Term Storage:** For storage longer than a week, discharge the battery to approximately 50-60% of its capacity. This helps preserve battery health.
- **Temperature:** Store batteries at room temperature (15-25°C or 59-77°F). Avoid extreme hot or cold environments.



Image 7.1: The modular battery is designed for longer and safer operation, requiring proper care and storage.

## 8. TROUBLESHOOTING

If you encounter issues with your battery, consider the following:

- **Battery Not Charging:**

- Ensure the charger is properly connected to both the battery and the power source.
- Verify that the power outlet is functional.
- Check for any visible damage to the battery or charger. If damaged, discontinue use and replace.

- **Short Flight Time:**

- Ensure the battery is fully charged before use.
- Battery performance can degrade over time with repeated charge cycles. Consider replacing older batteries.
- Environmental factors (e.g., strong winds, cold temperatures) can affect flight duration.

- **Battery Not Fitting:**

- Confirm that you have the correct battery for your drone model (HS110D). This battery is not compatible with HS110G.

## 9. SPECIFICATIONS

Feature	Specification
Battery Type	Lithium Polymer (Li-po)
Voltage	3.7V
Capacity	1000mAh
Item Weight	1.44 ounces
Package Dimensions	5.59 x 4.49 x 1.69 inches
Compatibility	Holy Stone HS110D RC Quadcopter Drone (Not HS110G)

## 10. WARRANTY AND SUPPORT

Holy Stone is committed to providing quality products and customer service. For warranty information, technical support, or any inquiries regarding your battery, please visit the official Holy Stone website or contact their customer support directly. Refer to your product packaging or the Holy Stone website for the most current contact information.

**Manufacturer:** Holy Stone

**Date First Available:** October 17, 2017

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