Luqeeg Luqeeg6dwg91n3fc-13

Luqeeg Drone Battery User Manual

Model: Luqeeg6dwg91n3fc-13
Brand: Luqeeg

1. Introduction

Thank you for choosing the Luqeeg 3.7V 1800mAh Lithium Battery. This battery is designed as a reliable replacement power source for a range of remote control (RC) drones, providing stable and long-lasting power for extended flight times. This manual will guide you through its features, proper usage, maintenance, and important safety information.



Front view of the Luqeeg 3.7V 1800mAh Lithium Battery designed for drones.

2. Important Safety Warnings

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 water or moisture.
- Do not expose the battery to fire or high temperatures (above 60°C / 140°F).
- Use only chargers specifically designed for 3.7V Lithium batteries.
- Do not overcharge or over-discharge the battery.
- Keep the battery away from children and pets.
- If the product is found damaged, deformed, or exhibiting abnormal performance (e.g., swelling, overheating, leakage), discontinue use immediately and contact customer support.



This image displays a critical safety warning: If the product is found damaged, deformed, or exhibiting abnormal performance, discontinue use immediately and contact customer support.

3. Product Overview

The Luqeeg drone battery is engineered for durability and consistent performance. Key features include:

- **ABS Material:** The battery casing is constructed from robust ABS material, ensuring strength and stability during use and storage.
- **Stable Performance:** Provides a stable output current and a consistent 3.7V voltage, essential for reliable operation of your RC drone model.
- **Portable Design:** Features a compact and lightweight design, making it easy to carry and convenient for drone enthusiasts on the go.
- **Extended Service Life:** Designed for a long service life, providing sustained power to extend your drone's operational time.



The drone battery shown in context with a drone flying, illustrating its purpose.



This image highlights the battery's role in powering drones, emphasizing its long service life.





The battery is designed to provide a stable 3.7V output, crucial for consistent drone performance.





A detailed side view of the Luqeeg drone battery, showing its compact form factor.





An overhead view of the Luqeeg drone battery, revealing its internal structure through the transparent casing.



A close-up shot of the battery's casing, displaying the 'MADE IN CHINA' label and CE certification mark.



A detailed view of the battery's connector port, where it interfaces with the drone or charger.

4. Compatibility

This Luqeeg 3.7V 1800mAh Lithium Battery is compatible with a range of popular RC drone models. Please verify your drone's battery specifications before purchase to ensure full compatibility.
Known compatible models include:

- E58
- L800
- JY019
- S168
- X Pro
- E88
- E88MAX
- E525
- E99

- K3



The battery's compatibility with various remote control drone models, including E88, E88MAX, E525, E99, and K3, is shown here. Please refer to the specifications for a complete list of compatible models.

5. Setup and Installation

Before installing the battery, ensure both the battery and your drone are powered off.

1. Locate the battery compartment on your drone. Refer to your drone's specific user manual for exact location and opening instructions.
2. Carefully insert the Luqeeg battery into the compartment, ensuring the connectors align correctly. Do not force the battery if it does not fit easily.
3. Gently push the battery until it clicks into place or is securely seated. Ensure there is no loose connection.
4. Close the battery compartment cover securely.

6. Operating the Battery (Charging and Usage)

6.1. Charging the Battery

To ensure the longevity and safety of your battery, follow these charging guidelines:

- Use only the original charger provided with your drone or a compatible 3.7V Lithium battery charger.
- Connect the battery to the charger. Ensure the connection is firm.
- Plug the charger into a power source.
- Monitor the charging indicator on your charger. Charging time may vary depending on the charger and battery's current charge level.
- Do not leave the battery unattended while charging.
- Disconnect the battery from the charger once fully charged to prevent overcharging.

6.2. Battery Usage

- Always ensure the battery is fully charged before each flight for optimal performance.
- Monitor your drone's battery level indicator during flight.
- Avoid completely draining the battery, as this can reduce its lifespan. It is recommended to land your drone when the battery level is low.
- Allow the battery to cool down before recharging after a flight.

7. Maintenance and Storage

Proper maintenance and storage will extend the life of your Luqeeg battery:

- **Cleaning:** Use a dry, soft cloth to clean the battery and its connectors. Do not use liquids or solvents.
- **Storage Temperature:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures (below 0°C / 32°F or above 40°C / 104°F).
- **Long-Term Storage:** For long-term storage (more than a week), it is recommended to store the battery with approximately 50-60% charge. Do not store it fully charged or completely discharged.
- **Avoid Impact:** Protect the battery from physical shocks or drops.

8. Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Charger not connected properly; Faulty charger; Damaged battery; Power outlet issue.	Ensure secure connection; Try a different charger/outlet; Inspect battery for damage (if damaged, discontinue use); Contact customer support.
Short flight time	Battery not fully charged; Battery degradation; Extreme weather conditions.	Ensure full charge before flight; Consider replacing old batteries; Avoid flying in strong winds or very cold temperatures.
Battery does not fit in drone	Incorrect battery model; Obstruction in compartment.	Verify battery compatibility with your drone model; Check for any debris or obstructions in the battery compartment.

9. Specifications

Feature	Detail
Item Type	RC Drones Lithium Battery
Brand	Luqeeg
Model Number	Luqeeg6dwg91n3fc-13
Material	ABS
Voltage	3.7V
Battery Type	Lithium-ion Battery
Battery Capacity	1800mAh
Item Weight	0.352 ounces (approx. 10g)
Package Dimensions	5.08 x 3.15 x 0.91 inches (approx. 12.9 x 8 x 2.3 cm)
Country of Origin	China

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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