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Autel Robotics EVO Lite+ Battery Instruction Manual

Model: EVO Lite+ Battery (Part No. 102000973)

INTRODUCTION

This manual provides essential information for the safe and efficient use of your Autel Robotics EVO Lite+ Battery. The EVO Lite+ Battery is a quick-change 6175mAh, 11.13V Lithium-Polymer battery designed to provide up to 40 minutes of flight time for the Autel Robotics EVO Lite series drones. Please read this manual thoroughly before operation to ensure proper handling and longevity of your battery.

SAFETY INFORMATION

Always prioritize safety when handling and operating the battery. Failure to follow these instructions may result in damage to the battery, drone, or personal injury.

- Do not disassemble, puncture, impact, or throw the battery.
- Avoid short-circuiting the battery terminals.
- Do not expose the battery to water or fire.
- Keep the battery out of reach of children.
- Use only official Autel Robotics chargers and accessories.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately.

PRODUCT OVERVIEW

The Autel Robotics EVO Lite+ Battery is a high-performance Lithium-Polymer battery designed for the EVO Lite series drones. It features a quick-change design for easy installation and removal.



Figure 1: Top view of the Autel Robotics EVO Lite+ Battery in orange.



Figure 2: Bottom view of the Autel Robotics EVO Lite+ Battery, showing the connection terminals.



Figure 3: Close-up of the battery's information labels, indicating specifications like 6175mAh, 11.13V, and 68.7Wh. The manufacturer part number is [B919213200FW](#).

SPECIFICATIONS

Feature	Detail
Battery Type	Lithium Polymer (Li-Po)
Capacity	6175 mAh
Voltage	11.13 V
Energy	68.7 Wh
Approx. Flight Time	40 minutes
Weight	12.3 ounces (approx. 348.7g)
Dimensions	5.58 x 3.12 x 2.54 inches
Model Number	102000973

SETUP AND FIRST USE

This section guides you through the initial setup of your Autel Robotics EVO Lite series drone and battery.

1. Unboxing and Components

Upon opening the drone package, carefully remove all components. The Premium Bundle typically includes the aircraft, remote controller, multi-charger, power adapter, charging cable, RC cables, spare batteries, command sticks, gimbal cover, screwdriver, and spare screws. The Standard Package includes the aircraft, remote controller, charging cable, spare battery, command sticks, gimbal cover, screwdriver, spare propellers, and manuals.

Your browser does not support the video tag.

Video 1: Unboxing and First Use Guide for Autel EVO Nano Drone. This video demonstrates the unboxing process, identifying components, and initial setup steps for the drone and its accessories, including the battery.

2. Downloading the Autel Sky App

The Autel Sky app is essential for controlling your drone and managing its features. You can download it by scanning the QR code on the drone's packaging box or by visiting the official Autel Robotics website.

3. Preparing the Aircraft

1. Remove the gimbal cover and propeller holder from the aircraft.
2. Carefully unfold the aircraft's front arms, followed by the back arms, until they lock into place.
3. Ensure the battery is securely inserted into the aircraft's battery compartment.

4. Preparing the Remote Controller

1. Mount the command sticks onto the remote controller and screw them in securely.
2. Pull out the mobile device holder and place your smartphone or tablet into it.
3. Connect the Type-C end of the RC cable to the remote controller, and the other end to your mobile device.

OPERATING THE BATTERY AND DRONE

1. Powering On

1. To power on the remote controller, press the power button for 2 seconds.

2. To power on the aircraft, press the power button on the battery for 3 seconds. The battery indicator lights will illuminate.

2. Activation

When connecting the aircraft for the first time, it needs to be activated through the Autel Sky App to obtain warranty service. Open the Autel Sky App and follow the on-screen instructions to complete the activation process. If you have purchased Autel Robotics Care, ensure to bind it to your aircraft within 48 hours.

3. Flight Time

The EVO Lite+ Battery provides an industry-leading flight time of approximately 40 minutes, allowing for extended aerial photography and videography sessions.

MAINTENANCE

1. Charging Guidelines

- Always use the official Autel Robotics charger and charging cable provided with your drone.
- Charge the battery in a well-ventilated area, away from flammable materials.
- Do not leave the battery unattended while charging.
- Disconnect the charger once the battery is fully charged.

2. Storage

For long-term storage, it is recommended to discharge the battery to approximately 50-60% capacity. Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.

1. To prepare the aircraft for storage, fold the back arms, then the front arms.
2. Attach the propeller holder and mount the gimbal cover.
3. Place the aircraft and remote controller into the shoulder bag or designated storage case.

3. Cleaning

Wipe the battery and its terminals with a clean, dry cloth. Do not use liquid cleaners or solvents.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging	Incorrect charger, damaged cable, or battery fault.	Ensure official charger and cable are used. Check for visible damage. Contact support if issue persists.
Drone not powering on	Battery not inserted correctly, low battery, or drone fault.	Re-insert battery firmly. Charge battery fully. Ensure power button is pressed for 3 seconds.
Short flight time	Battery degradation, extreme temperatures, or aggressive flying.	Ensure battery is fully charged. Operate within recommended temperature range. Consider replacing old batteries.

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please visit the official Autel Robotics website or contact their customer service. Keep your proof of purchase for warranty claims.
Official Autel Robotics Website: www.autelrobotics.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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.

Submit question