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DJI N1540

DJI WB37 Intelligent Battery User Manual

Model: N1540

1. INTRODUCTION

The DJI WB37 Intelligent Battery is a high-performance 2S 4920mAh LiPo battery designed for various DJI professional devices. It features excellent discharge performance, particularly at low temperatures, and supports quick charging. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your WB37 Intelligent Battery.

2. PRODUCT OVERVIEW

The WB37 Intelligent Battery is a compact and robust power source. It includes a power button and LED indicators to display the current battery level.



Figure 1: Angled view of the DJI WB37 Intelligent Battery. This image shows the overall shape and texture of the battery unit.

Key Features:

- **Capacity:** 4920 mAh
- **Voltage:** 7.6 V
- **Battery Type:** LiPo
- **Energy:** 37.39 Wh
- Optimized for low-temperature discharge performance.
- Quick charging capability.



Figure 2: Top view of the DJI WB37 Intelligent Battery, highlighting the power button and four LED indicators for battery status.



Figure 3: Bottom view of the DJI WB37 Intelligent Battery, displaying the product label with specifications and the electrical connectors.

3. SETUP

3.1 First Use and Charging

The WB37 Intelligent Battery is shipped in an inactive state. Before first use, it must be fully charged to activate it. Use a compatible DJI charger (sold separately) to charge the battery. The LED indicators on the battery will show the charging progress and current charge level.

1. Connect the WB37 Intelligent Battery to a compatible DJI charger.
2. Plug the charger into a power outlet.
3. The battery's LED indicators will illuminate to show the charging status. A full charge is indicated when all LEDs are solid and no longer blinking.
4. Once fully charged, disconnect the battery from the charger.

3.2 Installation

Insert the fully charged WB37 Intelligent Battery into the designated battery compartment of your compatible DJI device (e.g., CrystalSky monitor, Cendence Remote Controller). Ensure the battery is securely seated and locked into place to prevent accidental disconnection during operation.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- **To Power On:** Press the power button once, then press and hold it for two seconds. The LED indicators will light up.
- **To Power Off:** Press the power button once, then press and hold it for two seconds. The LED indicators will turn off.

4.2 Checking Battery Level

Press the power button once to check the current battery level. The LED indicators will illuminate to show the remaining charge. Each solid LED typically represents approximately 25% of the battery's capacity.

4.3 Compatibility

The WB37 Intelligent Battery is compatible with the following DJI products:

- DJI RC Plus
- DJI High-Bright Remote Monitor
- DJI Video Transmitter
- DJI Video Receiver
- CrystalSky Monitors
- Cendence Remote Controller
- DJI FPV Remote Controller
- DJI D-RTK 2 High-Precision GNSS Mobile Station

Always ensure your device firmware is up to date for optimal battery performance and compatibility.

5. MAINTENANCE

5.1 Storage

- Store the battery in a cool, dry place away from direct sunlight and heat sources.
- For long-term storage, it is recommended to discharge the battery to approximately 50-60% of its capacity. Storing a fully charged or completely depleted battery for extended periods can reduce its lifespan.
- Keep the battery away from flammable materials.

5.2 Handling and Care

- Avoid dropping or subjecting the battery to strong impacts.
- Do not disassemble, puncture, or short-circuit the battery.
- If the battery shows signs of swelling, leakage, or damage, discontinue use immediately and dispose of it properly.
- Clean the battery terminals periodically with a dry, clean cloth to ensure good electrical contact.
- Operate and charge the battery within the recommended temperature ranges specified by DJI.

6. TROUBLESHOOTING

6.1 Battery Not Charging

- Ensure the charger is properly connected to a power source and the battery.
- Verify that the charger is compatible with the WB37 Intelligent Battery.
- Check for any visible damage to the battery or charger.
- Try charging in a different power outlet.

6.2 Battery Not Powering On Device

- Ensure the battery is fully charged. Check the LED indicators.
- Verify the battery is correctly inserted and securely locked into the device.
- Confirm the device is compatible with the WB37 Intelligent Battery.
- Attempt to power on the device with a different, known-good battery if available.

6.3 Reduced Battery Life

- Battery performance can degrade over time with repeated charge cycles.
- Extreme temperatures (hot or cold) during operation or storage can affect battery life.
- Ensure proper charging and storage practices as outlined in the Maintenance section.

If issues persist, refer to the Support section for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Name	CP.BX.000229
Model Number	N1540
Battery Type	LiPo (Lithium Polymer)
Capacity	4920 mAh
Voltage	7.6 V
Energy	37.39 Wh
Weight	0.21 Kilograms (170 Grams)
Dimensions (L x W x H)	4.84 x 1.69 x 3.07 inches
Reusability	Rechargeable
UPC	190021291799

8. WARRANTY INFORMATION

The DJI WB37 Intelligent Battery is covered by the standard DJI Warranty. For detailed information regarding warranty terms, conditions, and duration, please refer to the official DJI website or contact DJI customer support. Proof of purchase may be required for warranty claims.

9. SUPPORT

For further assistance, technical support, or to access the latest product documentation and firmware updates, please visit the official DJI support website:

www.dji.com/support

You may also contact DJI customer service directly through their website for personalized support.