

LKTOP AC341

LKTOP 100W Avata 2 Battery Charging Hub User Manual (Model: AC341)

Efficient and versatile charging solution for DJI Avata 2 Intelligent Flight Batteries.

1. INTRODUCTION

Thank you for choosing the LKTOP 100W Avata 2 Battery Charging Hub. This device is designed to efficiently charge up to three DJI Avata 2 Intelligent Flight Batteries, offering multiple charging modes and additional functionality as a power supply. Please read this manual thoroughly to ensure safe and optimal use of your charging hub.

2. SAFETY INFORMATION

- Use only recommended power adapters (100W USB-C PD adapter recommended) to avoid damage and ensure optimal performance.
- Do not expose the charging hub to water or moisture.
- Keep out of reach of children.
- Do not disassemble or attempt to repair the device.
- Ensure proper ventilation during charging to prevent overheating.
- Operate within the specified charging environment temperature of 5°C-40°C.

3. PRODUCT OVERVIEW

The LKTOP 100W Avata 2 Battery Charging Hub features a compact design with an LED screen for real-time information and multiple charging modes.

Key Features:

- **100W High-Power Output:** Fast charging for DJI Avata 2 batteries.
- **Two Charging Modes:** Sequential and Parallel charging.
- **60% Storage Mode:** Optimizes battery health for long-term storage.
- **2-in-1 Design:** Functions as a charging hub and a power supply for other USB-C devices.
- **Smart Management:** LED screen display and APP control for monitoring and settings.
- **Comprehensive Protection:** Includes over-temperature, short-circuit, over-voltage, under-voltage, over-current, and over-power protection.

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100W Avata 2 Parallel Charging Hub for DJI Avata 2



LED Screen



Fast Charging



Charge 3 Batteries Simultaneously



2 Charging Mode



As Power Supply



APP Control

In Parallel Mode



Image: The LKTOP 100W Avata 2 Battery Charging Hub connected to a power adapter, with three DJI Avata 2 batteries inserted.

4. SETUP

1. **Unpack:** Carefully remove the charging hub, USB-C to USB-C cable, and instruction manual from the packaging.
2. **Power Source:** Connect the charging hub to a compatible 100W USB-C Power Adapter (not included,

LKTOP/DJI 100W USB-C Power Adapter recommended) using the provided USB-C to USB-C cable. Ensure the power adapter is plugged into a wall outlet.

3. **Insert Batteries:** Insert up to three DJI Avata 2 Intelligent Flight Batteries into the designated slots on the charging hub.
4. **Power On:** The charging hub will automatically power on and begin charging.



Image: The charging hub set up with batteries and connected to an external power source, ready for use.

5. OPERATING INSTRUCTIONS

5.1 Charging Modes

The charging hub supports two primary charging modes, selectable via the control buttons or the mobile APP:

- **Sequential Mode (Turn):** Charges batteries one by one, prioritizing the battery with the highest power level first. A single battery can be fully charged in approximately 40 minutes.
- **Parallel Mode:** Charges all inserted batteries simultaneously. Three batteries can be fully charged in approximately 70 minutes.
- **60% Storage Mode:** Charges or discharges batteries to approximately 60% for optimal long-term storage, preserving battery health.

2 Charging Mode



Long Press 3s	→	Short Press
	↓	
Charging in sequence	↻	Charging simultaneously
40 min		1hr 10min
1hr 20 min		
2hr		

Image: Visual representation of Sequential and Parallel charging modes, showing charging times for one, two, and three batteries.

5.2 Using as a Power Supply (2-in-1 Design)

The charging hub can also function as a power bank. Without an external power source, simply insert a charged DJI Avata 2 battery into the hub and connect your device (e.g., remote controller, action camera, phone) to the USB-C output port on the hub.

As Power Supply Emergency Charging

for remote controller, action camera,
and other devices (USB-C port)



Image: The charging hub acting as a power supply, charging a remote controller and a pocket action camera.

5.3 LED Screen Display

The integrated LED screen provides real-time information about the charging process:

- Charging Status
- Current Battery Level (%)
- Input Charging Power (W)
- Charging Voltage & Current (V, A)
- Battery Cycle Count

- Battery Temperature (°C)



Image: The LED screen showing detailed battery and charging information.

5.4 APP Control

For enhanced control and monitoring, download the companion app:

1. Scan the QR code in the image below or visit https://www.isdt.co/down/appJumplink/index_new.html to download the Polying app.
2. Power on the charging hub.
3. Turn on Bluetooth on your mobile device.

4. Open the Polyling app, log in, connect to the charging hub, and follow the prompts to bind the device.
5. Operate functions and monitor charging parameters in real-time via the app.

Support APP Control



Step ①



scan & download

Step ②



power on the charging hub

Step ③



turn on

Step ④



open→log in→
connect→
follow prompts→
select binding

Step ⑤



operate the functions
of the charging hub
(also can be upgraded
in real-time)

Image: Instructions for APP control, including QR code and connection steps.

Your browser does not support the video tag.

Video: Official product video demonstrating the LKTOP 100W Avata 2 Battery Charging Hub in action, highlighting its features and usage.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the charging hub. Do not use liquid cleaners or solvents.
- **Storage:** Store the charging hub in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Storage:** For long-term battery storage, use the 60% Storage Mode to maintain battery health.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charging hub not powering on.	Insufficient power input from adapter.	Ensure your USB-C power adapter provides at least 65W, ideally 100W. Check cable connection.
Batteries not charging or charging slowly.	Low power input; incorrect charging mode selected.	Verify power adapter output. Switch to Parallel Mode for faster simultaneous charging. Check battery health.
LED screen not displaying information.	Power issue or display malfunction.	Ensure the hub is powered. If problem persists, contact support.
Cannot connect to APP.	Bluetooth off; app not installed; binding issue.	Ensure Bluetooth is enabled. Reinstall app. Follow binding steps carefully.

8. SPECIFICATIONS

- **Brand:** LKTOP
- **Model Number:** AC341
- **Compatibility:** DJI Avata 2 Intelligent Flight Battery (BW520-2150-14.76)
- **Input:** 5V-20V = 5A (100W Max)
- **Output:** 5V = 3A, 9V = 3A, 12V = 3A (36W Max)
- **Recommended Power Adapter:** DJI/LKTOP 100W USB-C Power Adapter
- **Charging Environment Temperature:** 5°C-40°C
- **Product Weight:** 0.17 Kilograms (7.05 oz ± 10%)
- **Product Dimensions:** 5"D x 1.2"W x 2.4"H
- **Number of Ports:** 3 (for batteries)

- **Connector Type Used on Cable:** USB-C
- **Battery Charge Time (3 batteries):** 70 minutes (Parallel Mode)
- **Certifications:** CE, FCC, RoHS



Image: Detailed product dimensions and specifications.

9. WARRANTY

This product comes with a **1-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects but does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

10. SUPPORT

For further assistance, technical support, or warranty inquiries, please contact LKTOP Direct through their official Amazon store or website.

LKTOP Direct Amazon Store: Visit LKTOP Direct Store