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LKTOP 100W Charger

LKTOP 100W USB-C Power Adapter Instruction Manual

Model: 100W Charger

1. INTRODUCTION

Thank you for choosing the LKTOP 100W USB-C Power Adapter. This high-performance charger is designed to provide efficient and safe power delivery for a wide range of DJI drones, remote controllers, and other USB-C compatible devices. Please read this manual carefully before use to ensure optimal performance and safety.

2. PRODUCT OVERVIEW

The LKTOP 100W USB-C Power Adapter features two USB-C output ports supporting PPS and PD protocols for fast charging. It delivers a continuous 100W output, enabling simultaneous charging of your DJI intelligent flight battery and remote controller. Built-in safety features protect your devices from over-voltage and over-current.



Image 2.1: The LKTOP 100W USB-C Power Adapter, a compact black charging brick with two USB-C ports, shown next to various DJI drones and accessories, highlighting its compatibility and power output.

3. COMPATIBILITY

This charger is widely compatible with numerous DJI products and other USB-C devices:

- **DJI Drones:** Mini 4 Pro, Mini 3, Mini 3 Pro, Mini 4K, Mini 2 SE, Mini 2, Mini SE, Mavic Mini, Air 3, Air 3S, Mavic 3 Pro, Mavic 3 Cine, Mavic 3 Classic, Mavic 3, Mavic 3 Enterprise Series, Mavic 4 Pro, Avata/Avata 2, Neo, Flip.
- **DJI Charging Hubs:** DJI/LKTOP Mini 4/3 Series Charging Hub, DJI/LKTOP Air 3 Series Charging Hub, DJI Mavic 3 Series Charging Hub, DJI Mavic 4 Pro Parallel Charging Hub.
- **DJI Controllers & Accessories:** DJI Remote Controller, DJI Goggles 2 Battery.
- **Other Devices:** Any device with a USB-C port that supports PD (Power Delivery) or PPS (Programmable Power Supply) protocols.



Compatible with Mini Series



Image 3.1: The LKTOP 100W USB-C Power Adapter connected to a DJI Mini 4 Pro drone, illustrating its direct charging capability

for Mini series drones.



Compatible with Air 3 Charging Hub

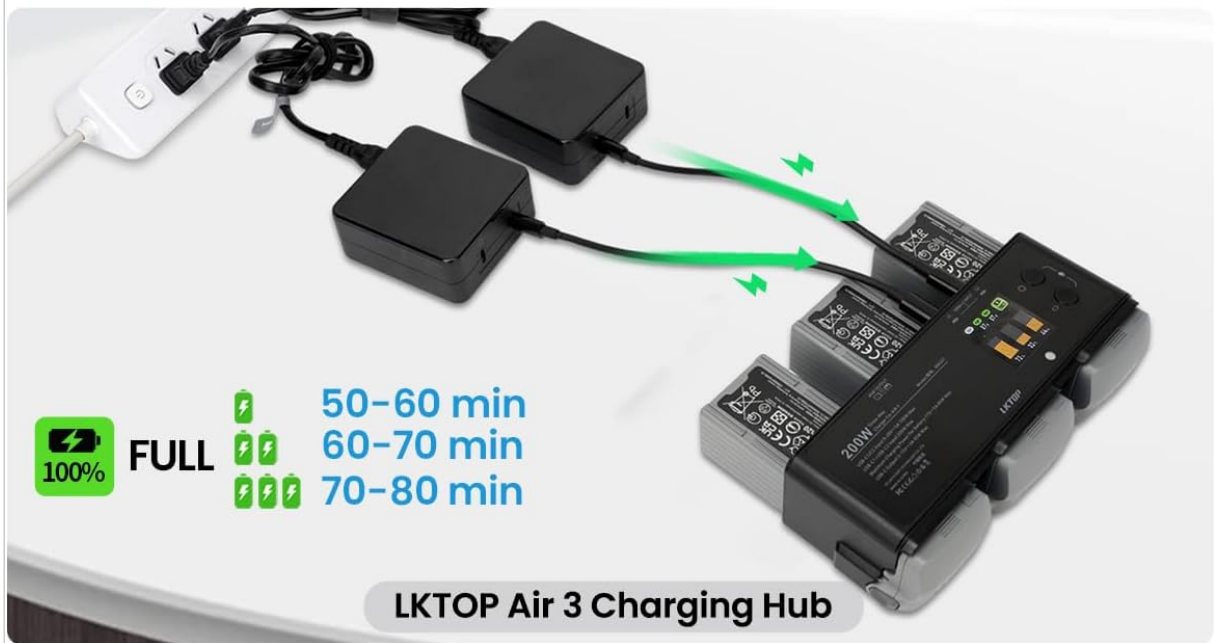


Image 3.2: The LKTOP 100W USB-C Power Adapter connected to a DJI Air 3 drone, demonstrating its compatibility with the Air series.



Compatible with 100W Mavic 3 Series Charging Hub



Image 3.3: The LKTOP 100W USB-C Power Adapter connected to a DJI Mavic 3 series drone, showcasing its use with Mavic series drones.

For DJI Neo



Image 3.4: The LKTOP 100W USB-C Power Adapter connected to a DJI Neo drone, indicating its compatibility with the DJI Neo.

For DJI Avata Series



For Avata/
Avata 2 Drone



For DJI Avata 2
Two-Way Charging Hub



For DJI Avata Battery
Charging Hub



For LKTOP 100W
Avata 2 Charging Hub



Image 3.5: The LKTOP 100W USB-C Power Adapter connected to various DJI Avata series devices, including the drone and charging hubs, demonstrating broad compatibility.




 DJI RC-N1	 2hr 40min 	 DJI RC-N2/N3	 2hr 
 DJI RC	 1.5 hr 	 DJI RC 2	 2 hr 
 DJI RC Pro	 2 hr 	 DJI RC Pro Plus	 1hr 30min 

Image 3.6: The LKTOP 100W USB-C Power Adapter connected to various DJI Remote Controllers (RC-N1, RC-N2/N3, RC, RC 2, RC Pro, RC Pro Plus), showing its ability to charge different controller models.

4. SETUP

- 1. Connect to Power Outlet:** Plug the LKTOP 100W USB-C Power Adapter into a standard AC power outlet using the provided AC power cord.
- 2. Connect Charging Cable:** Insert one end of the USB-C charging cable (provided or compatible) into one of the USB-C output ports on the adapter.
- 3. Connect to Device:** Connect the other end of the USB-C charging cable to your DJI drone, remote controller, charging hub, or other USB-C compatible device.
- 4. Verify Connection:** Ensure all connections are secure. The device should indicate that it is charging.

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Video 4.1: A demonstration of unboxing and connecting the LKTOP 100W USB-C Power Adapter to a power strip and then to a DJI Mini series charging hub, showing the charging process.

5. OPERATING INSTRUCTIONS

5.1. Fast Charging

The charger supports fast charging for USB-C devices using PPS and PD protocols. Charging times for DJI intelligent flight batteries are approximately 64-80 minutes, depending on the model and battery state.

5.2. Simultaneous Charging

With its powerful 100W output, the adapter can charge both your DJI intelligent flight battery and DJI remote controller concurrently. This saves time and ensures your equipment is ready for use.

Charge 2 Devices Simultaneously



Charge Your Phone



Image 5.1: The LKTOP 100W USB-C Power Adapter simultaneously charging a DJI charging hub with batteries and a DJI remote controller, demonstrating its multi-device charging capability.

5.3. Intelligent Power Allocation

The charger features intelligent power allocation. When only one port is in use, it can deliver up to 100W. When both USB-C ports are used simultaneously, the power is dynamically allocated based on the load, with a single port maximum of 82W and a total maximum output of 100W.

Intelligent Power Allocation

Single-Port Charging



USB-C2: 100W Max

USB-C1: 100W Max

Two-Port Charging



USB-C1+USB-C2
Based on load power

Single port power: 82W Max
Total power: 100W Max

Image 5.2: A diagram illustrating the intelligent power allocation of the LKTOP 100W USB-C Power Adapter, showing 100W max for single-port charging and dynamic allocation for two-port charging (82W max per port, 100W total).

6. MAINTENANCE

- Keep the charger clean and dry. Avoid exposure to moisture or extreme temperatures.
- Do not attempt to disassemble or repair the charger. Contact customer support if issues arise.
- Store the charger in a cool, dry place when not in use.
- Use only approved charging cables to prevent damage to the charger and your devices.

7. TROUBLESHOOTING

7.1. Device Not Charging

- Ensure the charger is securely plugged into a working power outlet.
- Check that the USB-C cable is firmly connected to both the charger and the device.
- Try using a different USB-C cable or a different power outlet.
- Verify that your device is compatible with USB-C PD/PPS charging.

7.2. Slow Charging

- Ensure you are using a high-quality USB-C cable capable of supporting 100W power delivery.
- If multiple devices are connected, the power is shared. Disconnect other devices for faster charging of a single device.
- Check if your device supports fast charging protocols (PD/PPS).

7.3. Overheating

- The charger has built-in protection against overheating. If it feels excessively hot, disconnect it immediately.
- Ensure adequate ventilation around the charger during use. Avoid covering it.
- If overheating persists, discontinue use and contact customer support.

8. SPECIFICATIONS

Product Dimensions	1.5 x 3.5 x 3.5 inches (1.5"D x 3.5"W x 3.5"H)
Item Weight	13.4 ounces
Output Voltage	12 Volts
Max Output Power	100W
Safety Certifications	CE, FCC, RoHS
Color	Black
Manufacturer	SHENZHEN HONOR ELECTRONIC COL TD

9. WHAT'S IN THE BOX

- LKTOP 100W USB-C Power Adapter
- 1 Meter Double C-Port Cable
- 1 Meter AC Power Cord



Image 9.1: An illustration showing the contents of the product box: the LKTOP 100W USB-C Power Adapter, a 1-meter double USB-C cable, and a 1-meter AC power cord.

10. WARRANTY AND SUPPORT

LKTOP products are manufactured to the highest quality standards. For warranty information, technical support, or any inquiries, please refer to the contact information provided on the product packaging or visit the official LKTOP website. Keep your purchase receipt for warranty claims.