



[Manuals.plus](#) /

› [LKTOP](#) /

› [LKTOP 100W USB-C Power Adapter User Manual \(Model: AD1-100FCP\)](#)

LKTOP AD1-100FCP

LKTOP 100W USB-C Power Adapter User Manual

Model: AD1-100FCP

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your LKTOP 100W USB-C Power Adapter. Please read this manual thoroughly before operating the device and retain it for future reference. This power adapter is designed for fast charging of various devices, including DJI drones, charging hubs, remote controllers, and cameras.

2. SAFETY INFORMATION

- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not disassemble or attempt to repair the adapter. Contact customer support if service is required.
- Ensure the power outlet voltage is compatible with the adapter's input voltage (100V-240V).
- Use only the provided or certified USB-C cables to prevent damage to the adapter or connected devices.
- Unplug the adapter from the power outlet when not in use or during electrical storms.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- LKTOP 100W USB-C Power Adapter (x1)
- 100W USB-C to USB-C Cable (x1)
- AC Power Cord (x1)
- Instruction Manual (x1)

What You Get



Figure 3.1: Included items in the LKTOP 100W USB-C Power Adapter package.

4. PRODUCT OVERVIEW

The LKTOP 100W USB-C Power Adapter features a compact design with dual USB-C ports for versatile charging. It supports PD/QC/PPS protocols for super-fast charging and includes intelligent temperature control for safety.

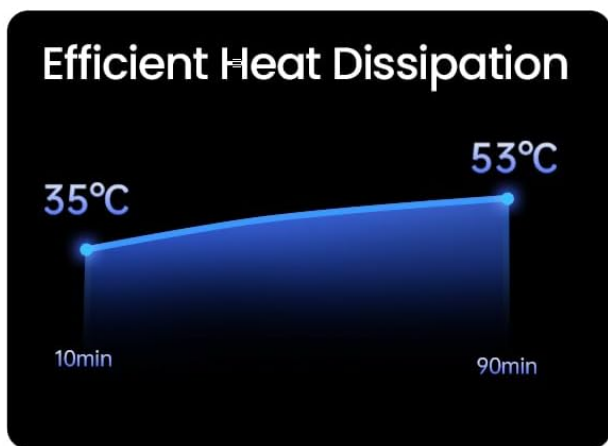
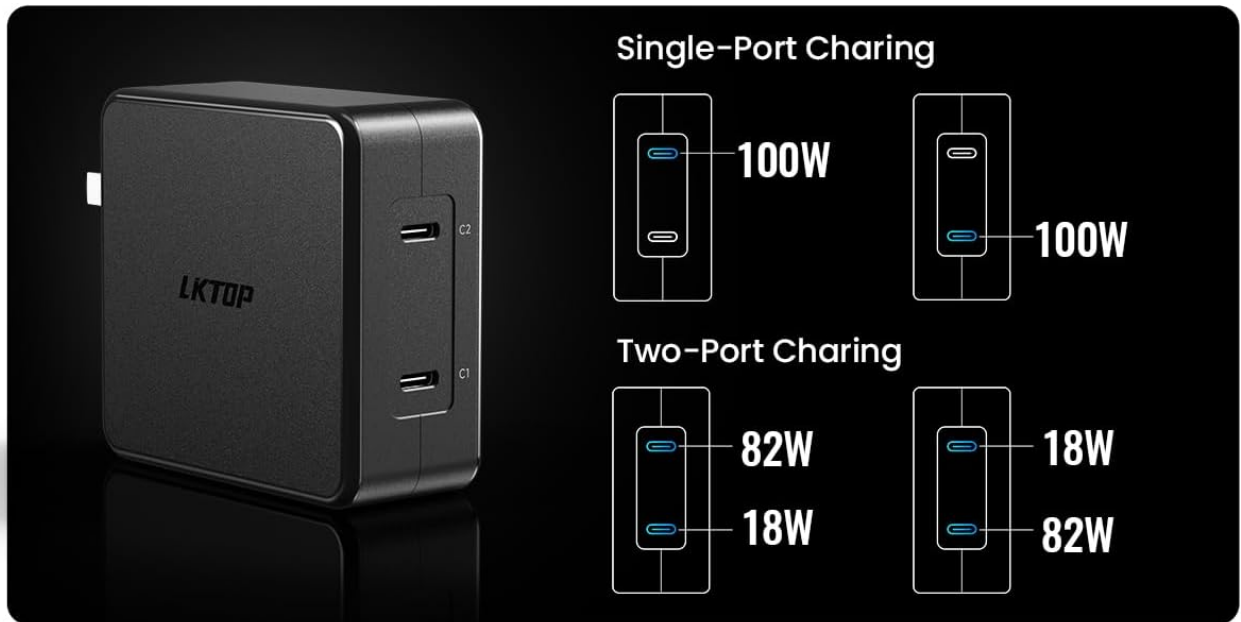


Figure 4.1: Key features of the LKTOP 100W USB-C Power Adapter.

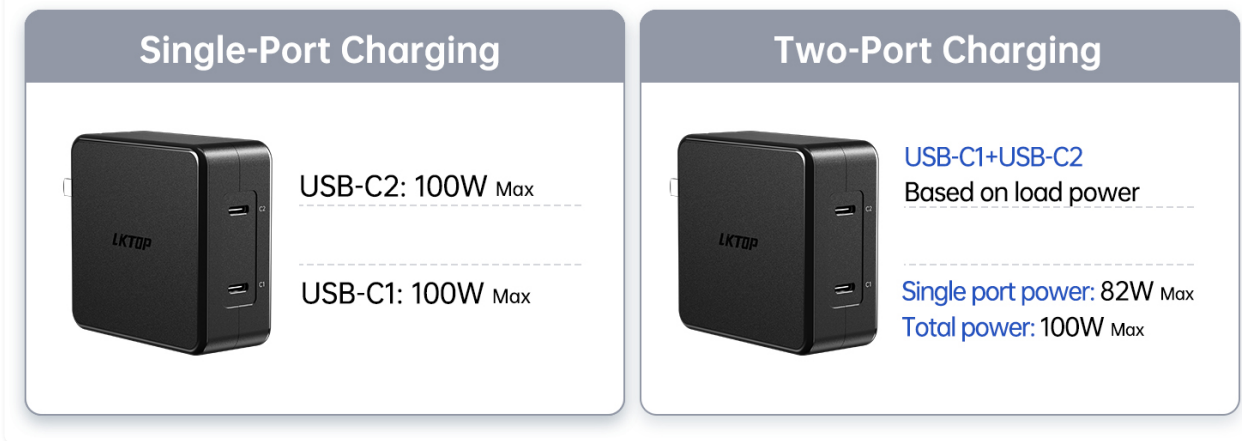


Figure 4.2: Intelligent Power Allocation for dual-port charging.

5. SETUP

1. **Unfold the Plug:** Gently pull out the foldable AC plug from the adapter body.
2. **Connect to Power:** Insert the AC plug into a standard wall outlet (100V-240V).
3. **Connect USB-C Cable:** Plug one end of the USB-C to USB-C cable into either USB-C port (C1 or C2) on the adapter.
4. **Connect to Device:** Plug the other end of the USB-C cable into your device or charging hub.

6. OPERATING INSTRUCTIONS

The LKTOP 100W USB-C Power Adapter can charge a variety of devices. When using both USB-C ports simultaneously, the adapter intelligently distributes power. USB-C1 can provide up to 82W, and USB-C2 can provide up to 18W, with a total maximum output of 100W.

















6.1. Charging Drones

Connect your drone directly to the adapter using a USB-C cable. Charging times vary by drone model.

Compatible with DJI Drone



*DJI original factory upgrade version

 For DJI Mini Series	 64-70 min	 For DJI Air 3	 80 min
 For DJI Mini 4K	 67 min	 For DJI Avata Series	 47 min
 For DJI Mavic 3 Series	 70 min	 For DJI NEO	 50 min
 For DJI Mavic 4 Pro	 115 min	 For DJI Flip	 70 min

The charging times stated above are all derived from LKTOP laboratory tests.

Figure 6.1: Approximate charging times for various DJI drones.

Your browser does not support the video tag.

Video 6.1: Demonstrates charging a DJI Mavic 4 Pro drone with the LKTOP 100W USB-C Power Adapter (2C), showing 62W output and 115 minutes charging time for a single body.

6.2. Charging Hubs

Connect your charging hub to the adapter. The adapter supports various LKTOP and DJI charging hubs.

Compatible with Charging Hub



Figure 6.2: Approximate charging times for various charging hubs.

Your browser does not support the video tag.

Video 6.2: Demonstrates charging an LKTOP 65W Neo Charging Hub with the LKTOP 100W USB-C Power Adapter (3C1A), showing 64W output and 45 minutes charging time for 3 batteries.

Your browser does not support the video tag.

Video 6.3: Demonstrates charging an LKTOP Mini 4/3 Series Charging Hub with the LKTOP 100W USB-C Power Adapter (3C1A), showing 100W output and 47 minutes charging time for 3 batteries.

Your browser does not support the video tag.

Video 6.4: Demonstrates charging a DJI Neo Charging Hub with the LKTOP 100W USB-C Power Adapter (2C), showing 57W

output and 60 minutes charging time for 3 batteries.

Your browser does not support the video tag.

Video 6.5: Demonstrates charging an LKTOP Air 3 Series Charging Hub with the LKTOP 100W USB-C Power Adapter (3C1A), showing 185W output and 70-80 minutes charging time for 3 batteries.

Your browser does not support the video tag.

Video 6.6: Demonstrates charging an LKTOP Avata 2 Charging Hub with the LKTOP 100W USB-C Power Adapter (2C), showing 97W output and 70 minutes charging time for 3 batteries.

6.3. Charging Remote Controllers

Connect your DJI remote controller to the adapter using a USB-C cable.

Compatible with DJI Remote Controller



Figure 6.3: Approximate charging times for various DJI remote controllers.

6.4. Charging Cameras

Connect your compatible camera to the adapter using a USB-C cable.

Compatible with Camera



Figure 6.4: Approximate charging times for various cameras.

Your browser does not support the video tag.

Video 6.7: Demonstrates charging an Insta 360 X3 with the LKTOP 100W USB-C Power Adapter (3C1A), showing 13W output and 90 minutes charging time for a single body.

Your browser does not support the video tag.

Video 6.8: Demonstrates charging a DJI Pocket 3 with the LKTOP 100W USB-C Power Adapter (3C1A), showing 35W output and 32 minutes charging time for a single body.

Your browser does not support the video tag.

Video 6.9: Demonstrates charging a DJI Pocket 3 with the LKTOP 100W USB-C Power Adapter (2C), showing 34W output

and 32 minutes charging time for a single body.

7. COMPATIBILITY

The LKTOP 100W USB-C Power Adapter is compatible with a wide range of devices, including:

- **DJI Drones:** Mini 5 Pro, Mini 4 Pro, Mini 3 Pro, Mini 3, 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/Neo 2, Flip.
- **DJI/LKTOP Charging Hubs:** Mini 5/4/3 Series Charging Hub, Air 3 Series Charging Hub, Mavic 3 Series Charging Hub, Avata 2 Charging Hub, Neo Charging Hub, Flip Charging Hub.
- **DJI Remote Controllers:** All USB-C compatible models.
- **DJI Action Cameras:** All USB-C compatible models.
- **Other USB-C Port Devices:** Any device compatible with PD/QC/PPS protocols.

Wide Compatibility

For Drone



DJI Mavic 4 Pro



DJI Mavic 3 Series



DJI Air 3 Series



DJI Mini Series



DJI Avata Series



DJI Neo



DJI Flip



Other Drones (with USB-C Port)

For Drone Accessories



LKTOP Charging Hub



DJI Charging Hub



DJI Remote Controller

For Camera



Osmo Pocket



Osmo Action



Osmo Mobile 7 Series



Insta 360 Series

For Others



Fans



Desk Lamps

Figure 7.1: Wide compatibility of the LKTOP 100W USB-C Power Adapter.

8. SPECIFICATIONS

Feature	Detail
Brand	LKTOP
Product Name	LKTOP 100W USB-C Power Adapter
Product Model	AD1-100FCP

Feature	Detail
Input Voltage	100-240V AC, 50-60Hz, 2.5A
Single Port Output	USB-C1: 100W (Max), USB-C2: 100W (Max)
Dual Port Output	USB-C1 + USB-C2: Single port 82W (Max), Total power 100W (Max)
Output Voltage	20 Volts
Current Rating	5 Amps
Number of Ports	2 (USB Type C)
Product Dimensions	73.5 x 70 x 32mm (2.89"D x 1.26"W x 2.76"H)
Product Weight	286 ± 5g (excluding cable weight)
Operating Temperature	0° to 40°C (32° to 104°F)
Certifications	CCC, FCC, RoHS

Product Specifications



Brand:	LKTOP
Product name:	LKTOP 100W USB-C Power Adapter
Product model:	ADT-100FCP
Input voltage:	100-240V AC, 50-60 Hz, 2.5A
Single port output:	USB-C1: 100W(Max) USB-C2: 100W(Max)
Dual port output:	USB-C1+USB-C2: Single port 82W (Max) Total power 100W (Max)
Operation temperature:	5° to 40°C (41° to 104°F)
Product size:	73.5 x 70 x 32mm
Product weight:	286±5g (excluding cable weight)
Packing list:	100W USB-C Power Adapter*1 AC Power Cord*1 USB-C to USB-C Cable*1 Instructions*1

Figure 8.1: Product dimensions and detailed specifications.

9. TROUBLESHOOTING

- **Device not charging:** Ensure the adapter is securely plugged into a working power outlet. Check that the USB-C cable is properly connected to both the adapter and the device. Verify device compatibility.
- **Slow charging:** Ensure you are using a 100W compatible USB-C cable. If charging two devices, power distribution may reduce individual port output. Disconnect one device to maximize power to the other.
- **Adapter overheating:** The adapter features intelligent temperature control. If it feels excessively hot, disconnect it immediately and allow it to cool down. Ensure adequate ventilation around the adapter during use.
- **No power indicator:** Some devices or cables may not have a visible power indicator. Refer to your device's manual for charging status.

10. MAINTENANCE

- Clean the adapter with a soft, dry cloth. Do not use liquid cleaners or aerosols.

- Store the adapter in a cool, dry place when not in use.
- Avoid bending or stressing the USB-C cables excessively to prevent internal damage.

11. WARRANTY AND SUPPORT

The LKTOP 100W USB-C Power Adapter comes with a 1-year warranty. For warranty claims, technical support, or any inquiries, please contact LKTOP customer service through the retailer where you purchased the product or visit the official LKTOP website.

Please retain your proof of purchase for warranty validation.