

KFD A18-2-132002820

KFD 13.2V 2.82A AC DC Adapter for DJI Air 2S and Mavic Air 2 Battery Charger User Manual

Model: A18-2-132002820

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation of your KFD 13.2V 2.82A AC DC Adapter. This charger is specifically designed for DJI Air 2S and Mavic Air 2 Intelligent Flight Drone batteries and remote controllers. Please read this manual thoroughly before using the product to ensure proper function and longevity.

2. SAFETY INFORMATION

To prevent injury or damage to the product, observe the following safety precautions:

- Do not disassemble or modify the charger. Disassembly should only be performed by qualified professionals.
- Keep the charger away from water, moisture, and high temperatures.
- Ensure the input voltage matches the specifications (100-240V).
- Do not use the charger if the cable or plug is damaged.
- Unplug the charger from the power outlet when not in use.
- This product is equipped with Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to ensure safe charging.
- Avoid covering the charger during operation to prevent overheating.

BUILT SAFETY PROTECTIONS

Designed with Safety in mind



Surge
protection



Current
stabilizer



Temperature
control



Short circuit
prevention



↳ 「L*W*H」 : 103mm*49mm*25mm

Image: KFD charger highlighting built-in safety protections including surge protection, current stabilization, temperature control, and short circuit prevention.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x KFD 13.2V AC DC Adapter for DJI Air 2S/Mavic Air 2 Drone
- 1 x US AC Power Cable
- 1 x User Manual (this document)

Note: USB charging cable and batteries are NOT included.



Image: The KFD AC DC Adapter shown with its detachable US power cable.

4. SETUP

1. Connect the US AC power cable to the KFD AC DC Adapter.
2. Plug the AC power cable into a standard 100-240V wall outlet.
3. Connect the drone battery charging cable (integrated with the adapter) to your DJI Air 2S or Mavic Air 2 drone battery.
4. To charge a remote controller or other 5V 2A USB-A devices, connect a compatible USB cable (not included) to the USB charging port on the adapter.



Image: The KFD charger connected to a DJI Mavic Air 2 battery, demonstrating a typical charging setup.

5. OPERATING INSTRUCTIONS

5.1 Charging Drone Batteries and Remote Controller

- Once connected to power and the drone battery, the charger will automatically begin charging.
- The charger can charge drone batteries and the remote controller simultaneously using its dedicated drone battery port and the 5V 2A USB-A port.
- Monitor the charging status indicators on your drone battery or remote controller (refer to your DJI device's manual for specific indicator meanings).
- Disconnect the battery and remote controller once charging is complete.

5.2 Using the USB Charging Port

- The integrated 5V 2A USB-A port can be used to charge smartphones, tablets, and other compatible USB-powered devices.
- Connect your device to the USB-A port using a suitable USB charging cable (not included).
- The USB port functions as an external power source for these devices.

Port for smartphones, tablets, and other **5V** products with **Micro USB PORT**



Image: Detail view of the KFD charger's side, highlighting the 5V 2A USB-A charging port for external devices.

6. COMPATIBILITY

This KFD charger is compatible with the following DJI models:

- DJI Air 2S Intelligent Flight Drone
- DJI Mavic Air 2 Intelligent Flight Drone
- DJI Air 2S Remote Controller
- DJI Mavic Air 2 Remote Controller

Important: This charger is NOT compatible with the following models:

- DJI Mavic Air (1st Generation)
- DJI Mavic 2 Pro
- DJI Mavic 2 Zoom
- DJI Mavic Pro

- DJI Mavic Pro Platinum
- DJI Mavic Pro Alpine White

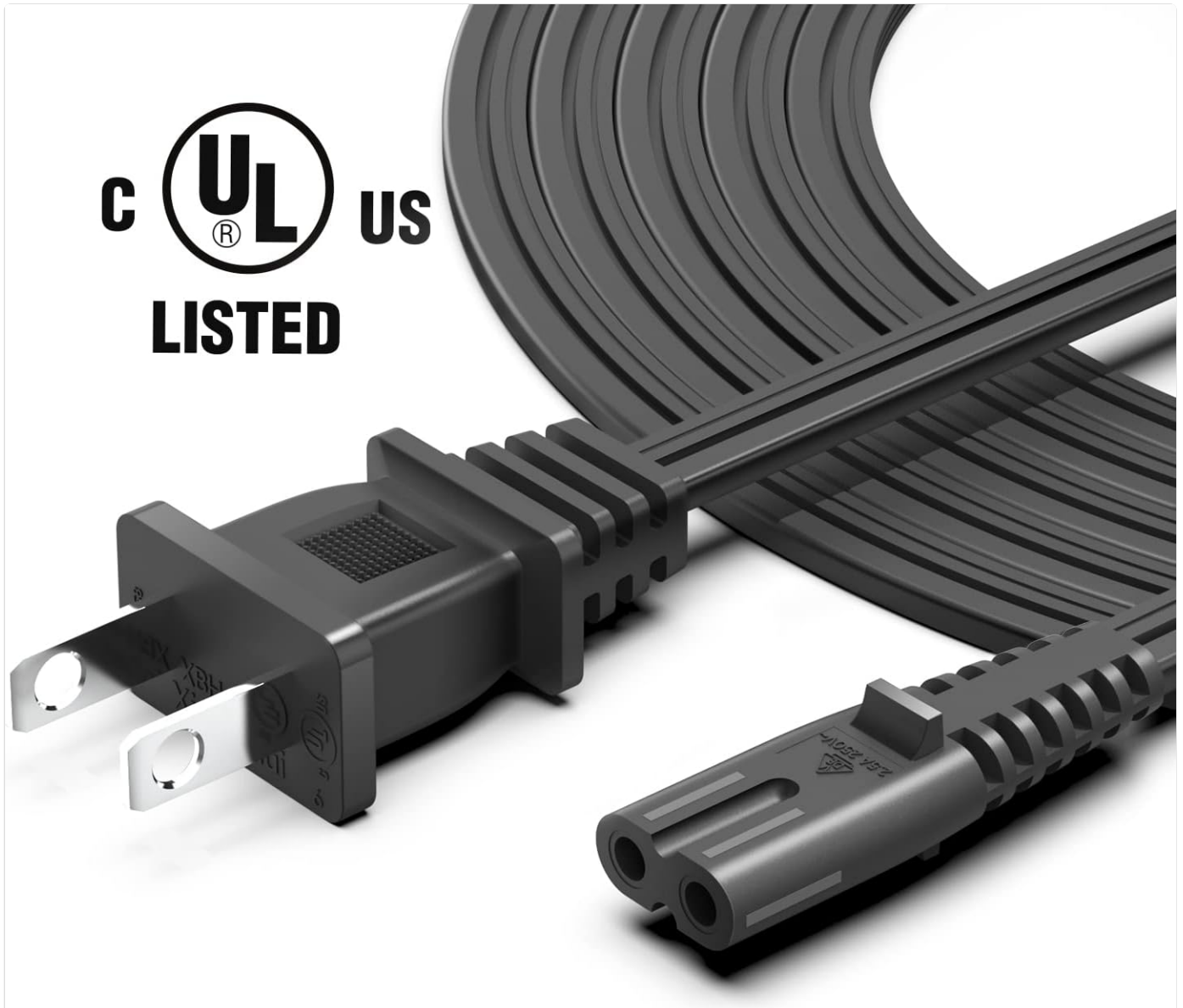


Image: Visual compatibility guide indicating the KFD charger is compatible with DJI Mavic Air 2/2S batteries and ports, but not with older DJI Mavic Air (1st Gen), Mavic 2 Pro/Zoom, or Mavic Pro series.

7. MAINTENANCE

- Keep the charger clean and dry. Use a soft, dry cloth to wipe the surface.
- Avoid dropping or subjecting the charger to strong impacts.
- Store the charger in a cool, dry place when not in use.
- Do not expose the charger to direct sunlight for extended periods.
- Regularly inspect the power cable and charging connectors for any signs of damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Charger not powering on.	No power from outlet; loose connection; damaged cable.	Check wall outlet with another device. Ensure all connections are secure. Inspect power cable for damage.
Device not charging.	Incorrect device connected; loose connection; device fault.	Verify device compatibility (see Section 6). Ensure charging cable is firmly connected. Test with another compatible device/battery.
Slow charging.	Using a non-optimal USB cable; device drawing too much power.	Ensure you are using a high-quality USB cable for the 5V port. Charging multiple devices simultaneously might slightly reduce individual charging speeds.
Charger feels warm.	Normal operation; poor ventilation.	It is normal for the charger to feel warm during operation. Ensure it is in a well-ventilated area and not covered. If it becomes excessively hot, disconnect immediately.

9. SPECIFICATIONS

Feature	Detail
Brand	KFD
Model Number	A18-2-132002820
Input Voltage	100-240V AC, 50-60Hz
Output (Drone Battery)	13.2V DC, 2.82A, 47.22W
Output (USB Port)	5V DC, 2A
Connector Type	Proprietary (for DJI batteries), USB-A
Special Feature	Fast Charging, OVP, OCP, SCP Protection
Color	Black
Material	Plastic
Certifications	CE / FCC / RoHS certified, UL Listed



DJI Mavic Air 2/2s port

Compatible with Mavic Air 2/2S battery

Not Compatible with DJI Mavic Air (1st Generation),
 DJI Mavic 2 Pro, DJI Mavic 2 Zoom, DJI Mavic Pro,
 DJI Mavic Pro Platinum, DJI Mavic Pro Alpine White



DJI Mavic Air port

Image: The KFD AC DC Adapter showing its model and electrical specifications printed on the casing.

10. WARRANTY AND SUPPORT

10.1 Warranty Information

KFD products come with a warranty to ensure customer satisfaction:

- **30 Days Free Exchange:** For any issues within 30 days of purchase.
- **36 Months Warranty:** Covers manufacturing defects for 3 years from the purchase date.

10.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your KFD product, please contact our customer support team. Refer to the contact information provided with your purchase or visit the official KFD website for support details.

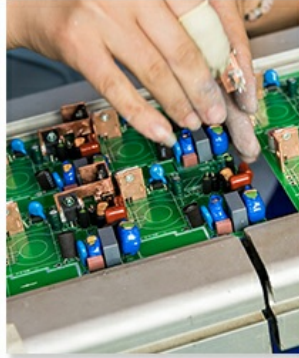


Do Our Best

Focus on power supply research and development



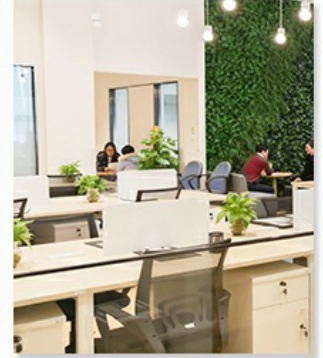
Production workshop



Chip assembly



Product testing



Office environment

Image: KFD charger alongside a DJI drone and battery, representing the product in use and the availability of support.

