

KFD A4

KFD 19V 600mA Power Adapter for Robotic Vacuum Cleaners User Manual

Model: A4 | Brand: KFD

INTRODUCTION

This manual provides essential information for the safe and efficient use of your KFD 19V 600mA Power Adapter. This adapter is designed to provide reliable power to a wide range of robotic vacuum cleaners. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

SAFETY INFORMATION

The KFD power adapter is engineered with multiple safety features to protect both the device and the connected appliance. Adherence to these guidelines is crucial for safe operation.

- **Over Voltage Protection (OVP):** Prevents damage from excessive input voltage.
- **Over Current Protection (OCP):** Safeguards against damage from excessive output current.
- **Short Circuit Protection (SCP):** Automatically shuts down in case of a short circuit.
- **Surge Protection:** Protects against sudden power surges.
- **Temperature Control:** Manages internal temperature to prevent overheating.
- **Current Stabilizer:** Ensures a stable and consistent current delivery.

BUILT SAFETY PROTECTIONS

Designed with Safety in mind



Surge
protection



Current
stabilizer



Temperature
control



Short circuit
prevention



This diagram highlights the built-in safety features of the KFD power adapter, including surge protection, current stabilization, temperature control, and short circuit prevention, ensuring safe operation.

COMPATIBILITY

This KFD power adapter is compatible with a wide range of robotic vacuum cleaners. Before purchase and use, please verify that the output voltage, output current, and plug size of this adapter match the requirements of your original power supply or device.

Compatible Models Include:

- **ILIFE Robotic Vacuums:** A4, A4s, A6, V80, V3, V5, V5S Pro, V7, X5
- **Eufy RoboVac:** 11 (T2102), 11+ (AK-T21041F2), 11S (T2108), 11+ 2nd Gen (AK-T21041F1), 30 (AK-T2116111), 12 (AK-T2109111), 15C (AK-848061058499), 30C (AK-T2118111), 35C (AK-T2117Z11)
- **Medion Robotic Vacuums:** S30 SW (MD 20021), E40 (MD 19700), MD19510, MD19511, MD18379, MD18500, MD19900, MD16192, X20 SW (MD 11415), P20 SW (MD 19731), S10 (MD 19601)
- **Tesvor:** V300, V300s, X500
- **Pure Clean Smart Robotic Vacuums:** PUCRC15, PUCRC25, PUCRC26B, PUCRC90
- **Coredy Robotic Vacuums:** R500, R500+, R300

Note: This adapter is not suitable for Smart Pure-Clean PUCRC95 or PUCRC96B robotic vacuums. Charging station is not included.

SETUP

Follow these steps to properly set up your KFD power adapter:

1. **Unpack:** Carefully remove the power adapter from its packaging.
2. **Inspect:** Check the adapter and cable for any visible damage. Do not use if damaged.
3. **Connect to Device:** Insert the DC output connector of the adapter firmly into the charging port of your robotic vacuum cleaner.
4. **Connect to Power Outlet:** Plug the European two-pin plug of the adapter into a standard, functional wall power outlet (AC 100-240V, 50-60Hz).
5. **Verify Connection:** Ensure both connections are secure. The device should indicate that it is charging (e.g., via an indicator light).



The image depicts the KFD power adapter in use, plugged into a standard wall socket and connected to a robotic vacuum cleaner, demonstrating its charging function.

OPERATING INSTRUCTIONS

Once connected, the KFD power adapter will automatically begin charging your robotic vacuum cleaner. No further user interaction is typically required during the charging process.

- Ensure the adapter is placed in a well-ventilated area during operation to prevent heat buildup.
- Avoid covering the adapter while it is in use.
- Disconnect the adapter from the power outlet when not in use for extended periods.

MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your power adapter.

- **Cleaning:** Disconnect the adapter from power before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or crimping the cable excessively, especially near the connectors, to prevent internal wire damage.
- **Inspection:** Periodically inspect the adapter and cable for any signs of wear, fraying, or damage. Replace if any damage is found.

TROUBLESHOOTING

If you encounter issues with your KFD power adapter, refer to the following common problems and solutions:

- **Device Not Charging:**
 - Ensure the adapter is securely plugged into both the wall outlet and the robotic vacuum cleaner.
 - Verify the wall outlet is functional by plugging in another device.
 - Check if the adapter's specifications (voltage, current, plug size) are correct for your device.
 - Inspect the cable and connectors for any damage.
- **Adapter Overheating:**
 - Ensure the adapter is in a well-ventilated area and not covered.
 - Disconnect the adapter and allow it to cool down. If overheating persists, discontinue use and contact support.
- **Loose Connection:**
 - Ensure the DC connector is fully inserted into the device's charging port.
 - If the connection remains loose, the port on your device or the adapter's connector may be worn.

If these steps do not resolve the issue, please refer to the Customer Support section.

SPECIFICATIONS

Detailed technical specifications for the KFD 19V 600mA Power Adapter:

Feature	Specification
Brand	KFD
Model Number	A4
Color	Black
Input Voltage	AC 100-240V, 50-60Hz
Output Voltage	DC 19V
Output Current	600mA (compatible with 500mA, 400mA, 300mA, 200mA, 100mA)
Connector Type	2-pin European plug, DC barrel connector
Special Features	Wireless charging (referring to device compatibility), Portable, Additional power outlet, Charging station (referring to device compatibility)
Product Weight	Approx. 105g (as per image)
Dimensions	Approx. 1.8 x 1.8 x 1.1 inches (45 x 45 x 27 mm) (as per image)



This image shows the KFD power adapter, featuring a compact black design with a European two-pin plug and a DC output cable with a standard barrel connector. The adapter's label displays input and output specifications.



PERFACE FOR TRAVEL

New Super Slim Design Is Ideal For Travelling



1.8inch*1.8inch*1.1inch
45mm*45mm*27mm



105g



The image shows the KFD power adapter resting in a person's palm, highlighting its small and lightweight design, ideal for portability and travel.

WARRANTY INFORMATION

KFD products are manufactured to high standards and undergo rigorous testing. This power adapter comes with a **3-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use.

The warranty does not cover damage caused by misuse, accident, unauthorized modification, or connection to incompatible devices. Please retain your proof of purchase for warranty claims.



**KFD offers
high level protection**



Over Voltage
Protection



Over Heat
Protection



Over Current
Protection



Short Circuit
Protection




This graphic displays the KFD brand logo with a prominent '3 Years Warranty' seal, emphasizing the product's quality and extended support.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty claims, please contact KFD customer service through the retailer where you purchased the product or visit the official KFD website for contact information.

When contacting support, please have your product model number (A4) and proof of purchase readily available.

Related Documents - A4

	<p>Инструкция по эксплуатации кварцевых часов-хронографов Orient TV (KFC), TW (KFD)</p> <p>Полное руководство по эксплуатации кварцевых часов-хронографов Orient моделей TV (KFC) и TW (KFD). Содержит информацию о мерах предосторожности, водонепроницаемости, батарееке, технических характеристиках, функциях и уходе.</p>
	<p>(Raun)</p> <p>LE CMOS CD LE-M10 LE-ILS-F31-C</p>
	<p>ORIENT Кварцевые часы-хронограф TV (KFC), TW (KFD) - Инструкция по эксплуатации</p> <p>Полное руководство пользователя для кварцевых часов-хронографов ORIENT моделей TV (KFC) и TW (KFD). Содержит инструкции по эксплуатации, уходу, водонепроницаемости, технические характеристики и функции.</p>
	<p>ReadTheDocs-Breathe Documentation: A Comprehensive Guide</p> <p>Explore the ReadTheDocs-Breathe Documentation, a detailed guide covering ROCm language support, installation, programming, tools, and deep learning frameworks. This document provides essential information for developers and users.</p>
	<p>Audi A4/A5/Q5 Radio Upgrade System Wiring Diagram and Installation Guide</p> <p>A comprehensive guide to installing an upgraded radio system for Audi A4, A5, and Q5 models, including wiring diagrams, connection instructions, and troubleshooting tips.</p>
	<p>Roborock S7 MaxV Ultra Assembly and Component Guide</p> <p>Detailed guide illustrating the components and assembly steps for the Roborock S7 MaxV Ultra robotic vacuum cleaner and its docking station.</p>