

KFD 30V AC/DC Adapter

KFD 30V AC/DC Adapter User Manual

Model: KFD 30V AC/DC Adapter for Miele Triflex HX1 HX2, Eureka NEC370

INTRODUCTION

This user manual provides essential information for the safe and effective use of your KFD 30V AC/DC Adapter. Please read this manual thoroughly before use and retain it for future reference.



Figure 1: The KFD 30V AC/DC Adapter, showing the main power brick, power cord, and barrel connector.

PRODUCT SPECIFICATIONS

Feature	Detail
Input	100-240VAC, 50-60Hz (Universal Input)
Output	30V, 0.7A

Protection Features	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Color	Black
Item Weight	7 ounces
Connectivity Technology	Barrel Connector



Figure 2: The adapter showing its input and output specifications on the label.

COMPATIBLE MODELS

This KFD 30V AC/DC Adapter is designed to be compatible with various vacuum cleaner models. Please verify your device's power requirements before connecting.

- **Miele Triflex HX1 Series:** 11423870, 11423880, 11423620, 11423630, 11423640, 11410130, 11410140, SMUL0 25.2V Li-ion Battery Stick Vacuum Cleaner.
- **Miele HX1 Pro Series:** 11423870, 11423880, 11423620, 11423630, 11015490, 11410130, 11410140, 11333340, 11410120, 11423920, 11423660, 11423900, 11423650, 11410150, 11423640, 11545250, 11015432 (LG01/03, LG01, LS03/02, LS03 / 02, LS0302).
- **Miele Triflex HX1 Lotus:** 11333340, 11410120.
- **Miele Triflex HX1 Cat & Dog:** 11423900, 11423650, 11410150.

- **Miele Triflex HX1 Ruby Red:** 11423640.
- **Miele Triflex HX1 Runner:** 11545250.
- **Miele Triflex HX2 Series:** 11827000, 11827010, 12206770, 11819170, 11819220.
- **Miele HX2 Pro Series:** 11827020.
- **Eureka NEC370 Series:** NEC370GR (25.9V 2000mAh 51.8Wh).



30V power adapter compatible models



Figure 3: Visual representation of compatible Miele Triflex vacuum models.

SETUP AND CONNECTION

1. **Unpack the Adapter:** Carefully remove the KFD 30V AC/DC Adapter from its packaging. Ensure all components are present (adapter unit, power cord).
2. **Verify Compatibility:** Before connecting, confirm that your vacuum cleaner model and its power input requirements match the specifications of this adapter (30V output). Refer to your vacuum cleaner's manual for its specific power input details.
3. **Connect to Vacuum:** Insert the barrel connector of the KFD adapter firmly into the charging port of your compatible vacuum cleaner.
4. **Connect to Power Outlet:** Plug the AC power cord of the adapter into a standard 100-240VAC wall outlet.

5. **Initiate Charging:** Once connected, your vacuum cleaner should begin charging. Refer to your vacuum cleaner's indicator lights for charging status.



Figure 4: The adapter connected to a vacuum cleaner and a wall outlet, demonstrating proper setup.

OPERATING INSTRUCTIONS

The KFD 30V AC/DC Adapter is designed for straightforward operation. It functions as a power supply and charger for compatible devices.

- **Automatic Charging:** The adapter automatically provides the correct voltage and current to your device. Charging typically stops or enters a maintenance charge mode once the device's battery is full, depending on the device's internal battery management system.
- **Safety Features:** The adapter incorporates Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard both the adapter and your connected device from electrical anomalies.

High efficiency chip solution

Multiple protection for more security



Materialien
für den
Brandschutz

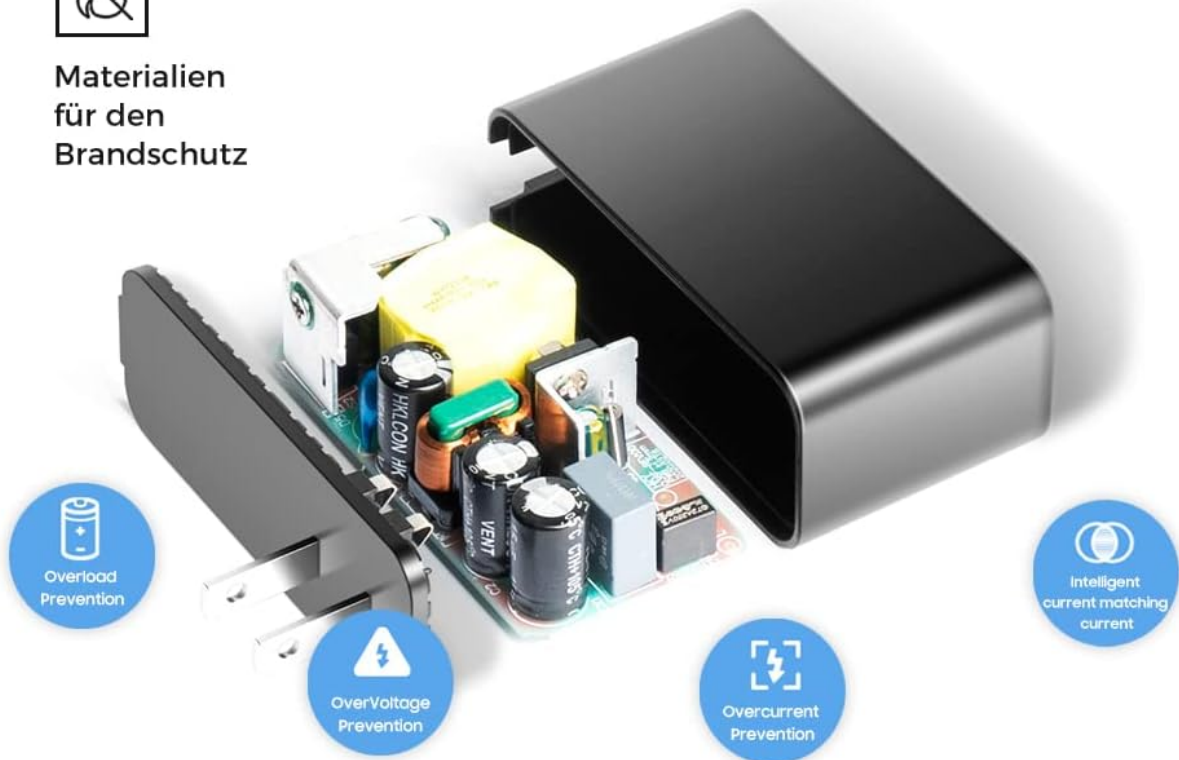


Figure 5: Diagram illustrating the internal protection mechanisms of the adapter, including Overload Prevention, Over Voltage Prevention, and Overcurrent Prevention.

MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your KFD 30V AC/DC Adapter, follow these maintenance guidelines:

- **Keep Dry:** Do not expose the adapter to water, moisture, or high humidity.
- **Clean Gently:** Wipe the adapter with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Avoid Physical Damage:** Do not drop, bend, or subject the adapter or its cables to excessive force. Avoid kinking or sharply bending the cable.
- **Proper Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Unplug When Not in Use:** For safety and energy conservation, unplug the adapter from the wall outlet when it is not actively charging a device or for extended periods of non-use.

TROUBLESHOOTING

If you encounter issues with your KFD 30V AC/DC Adapter, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device not charging	Loose connection; Incompatible device; Faulty outlet; Damaged cable/adapter.	Ensure all connections are secure. Verify device compatibility. Try a different wall outlet. Inspect cable and adapter for visible damage.
Adapter feels hot	Normal operation; Overload; Poor ventilation.	A slight warmth is normal. Ensure the adapter is not covered and has adequate ventilation. If excessively hot or emitting smoke/smell, unplug immediately and discontinue use.
Intermittent charging	Loose connection; Damaged cable/connector.	Check and secure all connections. Inspect the barrel connector and cable for bends or breaks.

If the problem persists after attempting these solutions, please contact KFD customer support for assistance.

WARRANTY AND SUPPORT

KFD stands behind the quality of its products. Your KFD 30V AC/DC Adapter comes with the following:

- **Money-Back Guarantee:** 30 Days Free Exchange / Money Back Guarantee.
- **Warranty:** 3 Years Warranty.
- **Customer Service:** 7 x 24 Hours Customer Service Support.

For warranty claims, technical support, or any inquiries, please contact KFD customer service through the retailer where you purchased the product or visit the official KFD website.