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## KFD TDW-1753-DE

# KFD 35V 500mA Power Adapter User Manual

Model: TDW-1753-DE

## INTRODUCTION

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This manual provides essential information for the safe and efficient use of your KFD 35V 500mA power adapter. This adapter is designed to provide precise power to compatible cordless vacuum cleaners, ensuring optimal charging and performance. Please read these instructions carefully before use and retain them for future reference.

# How to choose the right adapter

1. Please confirm the vacuum cleaner information before purchasing



Volts	Amps	Watts	Compatible
35V	500mA	17.5W	✓
36V	500mA	18W	✗
31V	500mA	15.5W	✗
30V	500mA	15W	✗
27V	500mA	13.5W	✗
26V	500mA	13W	✗

2. Confirm the information of the original adapter  
(Voltage, current, watts, part number)

**Output:**  
**35V 0.5A 17.5W**



3. Check the interface size of the Vacuum cleaner and ensure that the purchased interface is correct

Figure 1: The KFD 35V 500mA power adapter.

## IMPORTANT SAFETY INSTRUCTIONS

- **Voltage Compatibility:** Ensure the input voltage of the adapter (240V AC) matches your local power supply.
- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Connection:** Always connect the adapter to the vacuum cleaner first, then plug it into the wall outlet. Disconnect from the wall outlet before disconnecting from the vacuum cleaner.
- **Avoid Damage:** Do not use the adapter if the cable or plug is damaged. Avoid bending the cable excessively or placing heavy objects on it.
- **Ventilation:** Ensure adequate ventilation around the adapter during use to prevent overheating. Do not cover the adapter.
- **Children and Pets:** Keep the adapter out of reach of children and pets.

- **Integrated Safety Features:** This adapter includes built-in protections against overvoltage (OVP), overcurrent (OCP), and short circuits (SCP) to safeguard your device.

# BUILT SAFETY PROTECTIONS

Designed with Safety in mind



Surge  
protection



Current  
stabilizer



Temperature  
control



Short circuit  
prevention



↳ **76mm\*40mm\*27mm**  
**2.79in\*1.57in\*1.06in**

Figure 2: Built-in safety protections of the KFD power adapter, including surge protection, current stabilization, temperature control, and short circuit prevention.

# Built in with safety electronics



Over-Temp  
Protection



Over Current  
Protection



Over Voltage  
Protection



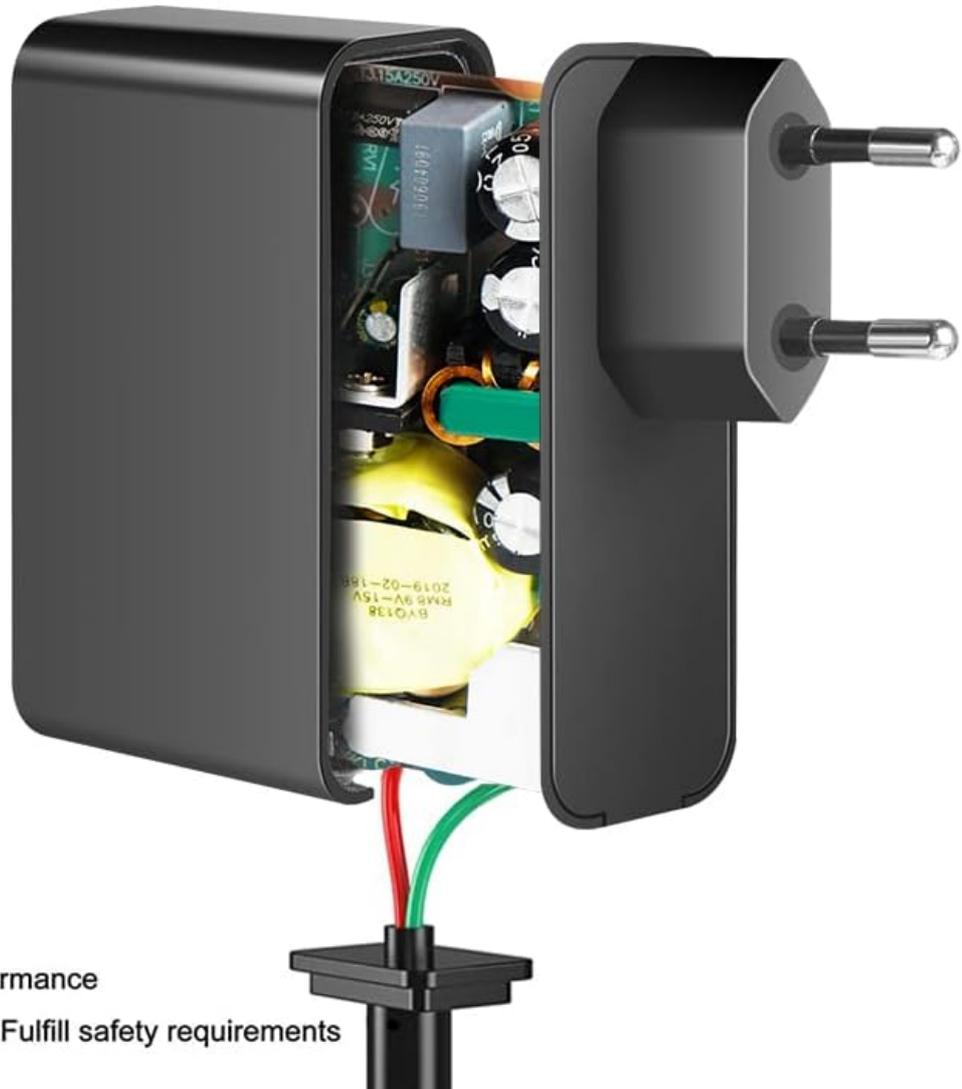
Over Load  
Protection



Short Circuit  
Protection



Over Charger  
Protection



★ IC control :Better performance

★ Isolating transformer: Fulfill safety requirements

Figure 3: Internal view of the KFD power adapter highlighting its comprehensive safety electronics, including IC control for better performance and an isolating transformer for safety requirements.

## SETUP AND FIRST USE

The KFD power adapter is designed for plug-and-play operation. Follow these steps for initial setup:

1. **Verify Compatibility:** Before connecting, confirm that your vacuum cleaner requires a 35V, 500mA (17.5W) power supply and has a compatible 2-pin Type F connector. Refer to your vacuum cleaner's manual or its original charger for specifications.
2. **Connect to Vacuum:** Insert the adapter's output plug firmly into the charging port of your cordless vacuum cleaner.
3. **Connect to Power Outlet:** Plug the adapter's European 2-pin Type F plug into a standard wall power outlet.
4. **Charging Indicator:** Your vacuum cleaner's charging indicator (if present) should activate, signaling that charging

has begun.



Figure 4: Guide for selecting the correct adapter, emphasizing verification of voltage, current, wattage, and connector type.



Figure 5: Example of the KFD power adapter connected to a cordless vacuum cleaner for charging.

## OPERATING INSTRUCTIONS

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

- Allow the vacuum cleaner to charge fully for optimal battery life. Refer to your vacuum cleaner's manual for typical charging times.
- Disconnect the adapter from the wall outlet and then from the vacuum cleaner once charging is complete or when the vacuum is not in use.

## COMPATIBILITY

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This KFD power adapter is compatible with a wide range of cordless vacuum cleaners requiring a 35V 500mA power supply. Please verify your device's specifications before use.

## Known Compatible Models:



Figure 6: Examples of compatible cordless vacuum cleaner models for the KFD 35V 500mA power adapter.

This adapter is compatible with, but not limited to, the following models:

- AEG QX7-1ULTAN, QX7-1-P5SW, QX7-1-OKO, QX7-1P52IB, QX7-1P52SW, QX7-ANIM
- AEG QX8-2-PALR, QX8-2-PANI, QX8-2-ANIM, QX8-2-16MB
- AEG QX9-1-40, QX9-1-ALRG, QX9-1-50IB, QX9-1-ANIM, QX9-1-ALRS, QX9-1-ANIS, QX9-1-P4GG, QX9-1-ULTS, QX9-1-UO, QX9-1-ULT, QX9-1-P5IB
- AEG AS52H212XN, AS62B25OKO, AS62CB25HI, AS62A25UOT, AS62CB25DH, AS62P25WET, AS52AB21UG, AS52B21OKO, AS52CP21OG, AS52A212XN, AS52CB21DB, AS62B25GRN, AS62HB25UV, AS52CB25UG, AS62A25ULT, AS62CP25DB, AS62HB25SH, AS62AB25UG, AS62CB25UG, AS62CB25DH, AS62AP25UG, AS52HP25SH, AS52B25WET, AS52AB25WB
- Electrolux ES62B25GRN, SH1F9, WQ71-ANIMA, FX9-1-4ST
- Bulelink Zenith G10, Fiety V9
- Replaces AEG 4055487393, Electrolux KSC-18W-350050HE PSE50354 EU Charger, AEG 14007 to 60 54 05/9, KSC-18W-350050HK, Electrolux 140117630230

## Known Incompatible Models:

Konzentrieren Sie sich auf Produkte  
und tun es am besten

Fokus auf Die Forschung und  
Entwicklung der Stromversorgung

Produktionsprozess

1. Draht-  
Workshop



2. Automatische  
Plug-In-Workshop



4. Plug-In-Line-  
Workshop



3. Transformier-  
Produktionswerkstatt

Endprodukt-Montage

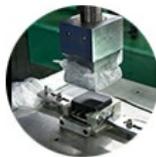


Figure 7: Examples of cordless vacuum cleaner models that are not compatible with this adapter.

This adapter is not suitable for models requiring different voltage or current specifications, or those with incompatible connector types. Specifically, it is not compatible with models like AEG AG5012, AG5012T, AG5020, AG5022, ZB5012, ZB5020, ZB5022, ZB5024G, or any device requiring a 5517 connector type if different from the adapter's.

## MAINTENANCE

- **Cleaning:** Disconnect the adapter from the power outlet before cleaning. Use a dry, soft cloth to wipe the surface. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and moisture.
- **Cable Care:** Avoid sharp bends or kinks in the power cable. Do not wrap the cable too tightly around the adapter. The cable is designed for durability, withstanding multiple bends.

## STRONG AND STURDY

The product can withstand multiple bends without breaking the copper wire

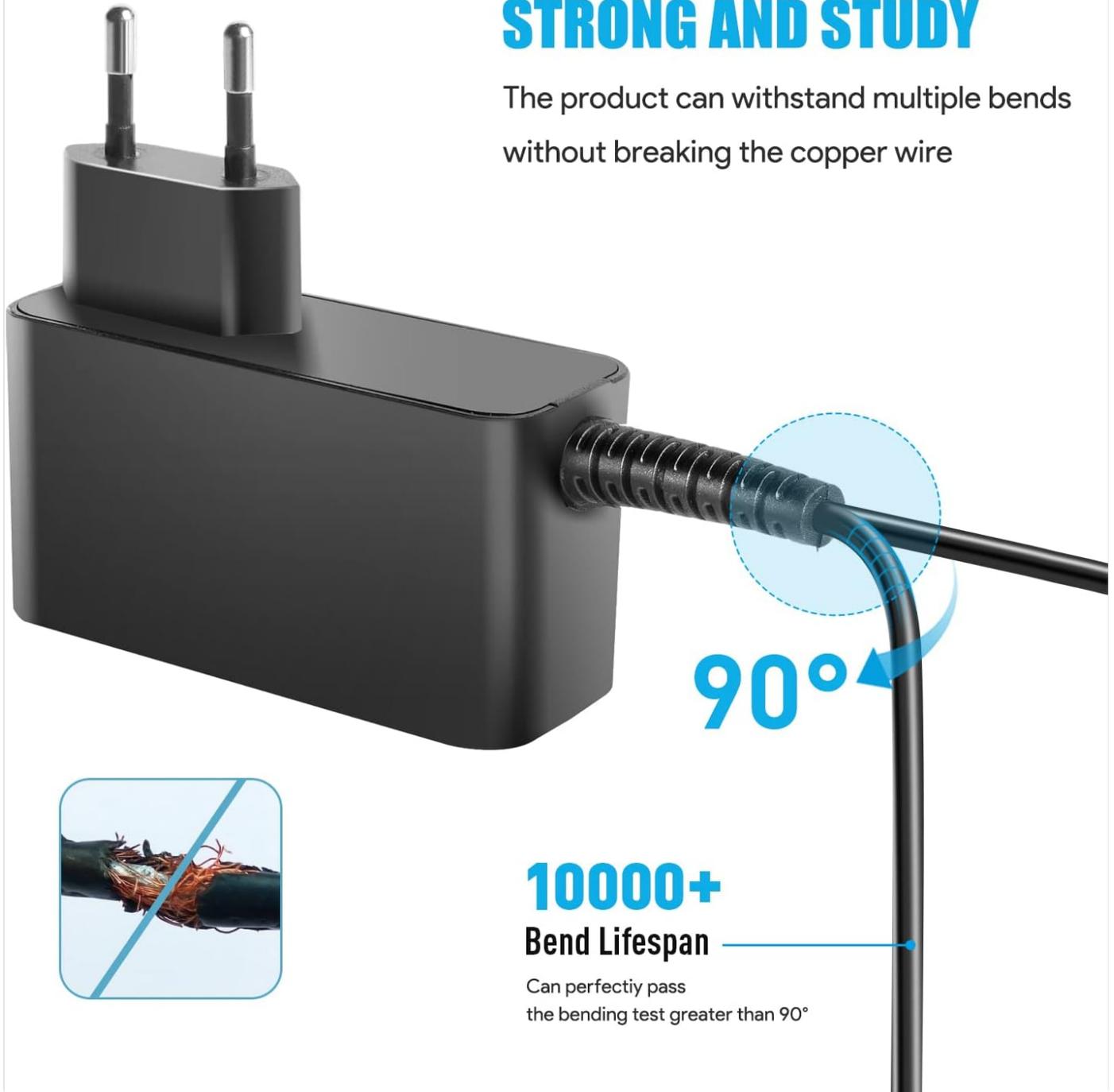


Figure 8: The adapter's cable is designed for durability, capable of withstanding over 10,000 bends.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Vacuum cleaner not charging.	<ul style="list-style-type: none"> <li>◦ Adapter not properly connected.</li> <li>◦ Power outlet not functioning.</li> <li>◦ Vacuum cleaner battery issue.</li> <li>◦ Incompatible vacuum cleaner.</li> <li>◦ Damaged adapter or cable.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Ensure both ends of the adapter are securely plugged in.</li> <li>◦ Test the power outlet with another device.</li> <li>◦ Consult your vacuum cleaner's manual for battery troubleshooting.</li> <li>◦ Verify your vacuum cleaner's voltage, current, and connector type match the adapter's specifications.</li> <li>◦ Inspect the adapter and cable for visible damage. If damaged, discontinue use and replace.</li> </ul>
Adapter feels hot during charging.	<ul style="list-style-type: none"> <li>◦ Normal operation (slight warmth is expected).</li> <li>◦ Poor ventilation.</li> <li>◦ Overload or internal fault.</li> </ul>	<ul style="list-style-type: none"> <li>◦ A slight warmth is normal.</li> <li>◦ Ensure the adapter is in an open area with good airflow. Do not cover it.</li> <li>◦ If the adapter is excessively hot or emitting smoke/smell, immediately unplug it and discontinue use.</li> </ul>

## SPECIFICATIONS

Feature	Detail
Brand	KFD
Model Number	TDW-1753-DE
Product Type	Standard Power Adapter
Input Voltage	240 Volts (AC)
Frequency Range	50 to 60 Hz
Output Voltage	35 Volts (DC)
Output Current	500mA
Power	17.5 Watts
Connector Type	Type F 2-pin
Special Feature	Short-circuit protection, Overvoltage protection, Overcurrent protection, Temperature control
Compatible Devices	Cordless Vacuum Cleaners (specific models listed in Compatibility section)
Power Source	Electrical Cable
Number of Items	1 (Adapter)

# COMPATIBLE MODELS:



AEG QX7-1-I360



AEG QX7-1-ULTAN



AEG FX9-1-MBM



AEG QX7-1-ULTAL



QX9-1-40



QX8-1-40

AEG QX7-1-I360

Akku Staubsauger QX7-1-ULTAN

FX9-1-MBM

QX7-1-ULTAL

QX8-1-40

QX9-1-40

QX9-1-ULT

QX7-1-50IB

QX9-1-50IB KSC-18W-350050HE



Figure 9: Detailed specifications label on the KFD power adapter.

# Not Fit 35V 0.5A 5517



Figure 10: Dimensions of the KFD power adapter.

## WARRANTY AND SUPPORT

KFD products are designed for reliability and performance. While specific warranty details are not provided in this manual, please retain your proof of purchase for any potential warranty claims.

For technical support or inquiries regarding your KFD power adapter, please contact the seller or refer to the KFD official website for customer service information.

