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> [TAIFU](#) /

> [TAIFU 31V 500MA Charger Instruction Manual for Cordless Vacuum Cleaners](#)

## TAIFU 31V 500MA Charger

# TAIFU 31V 500MA Charger Instruction Manual

For Cordless Vacuum Cleaners: HOMPANY SmartVac12, SmartVac13, Buture Pro BP10, Buture JR400, Laesar Elite 1/3/4/5/6 Pro, Voweeek VW-VC09

## 1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your TAIFU 31V 500MA Charger. This power adapter is designed to provide reliable charging for various cordless vacuum cleaner models, including HOMPANY SmartVac12, SmartVac13, Buture Pro BP10, Buture JR400, Laesar Elite 1, 3, 4, 5, 6 Pro, and Voweeek VW-VC09. Please read this manual thoroughly before use and retain it for future reference.

## 2. SAFETY INFORMATION

Your safety is paramount. Please observe the following precautions:

- **Indoor Use Only:** This charger is designed for indoor use in dry conditions. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the power outlet voltage matches the charger's input specifications (110-240V).
- **Avoid Damage:** Do not use the charger if the cable or plug is damaged. Avoid bending, twisting, or stretching the cable excessively.
- **Ventilation:** Ensure adequate ventilation around the charger during use to prevent overheating. Do not cover the charger.
- **Disconnection:** Always unplug the charger from the power outlet before cleaning or if it will be unused for an extended period.
- **No Disassembly:** Do not attempt to open or modify the charger. There are no user-serviceable parts inside.
- **Children and Pets:** Keep the charger out of reach of children and pets.
- **Safety Certifications:** This charger is UL, CE, FCC, and RoHS certified, ensuring it meets high safety and quality standards. It includes Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard your devices.

## 3. PRODUCT FEATURES

- **Wide Input Voltage:** Supports 110-240V AC, suitable for various regions.

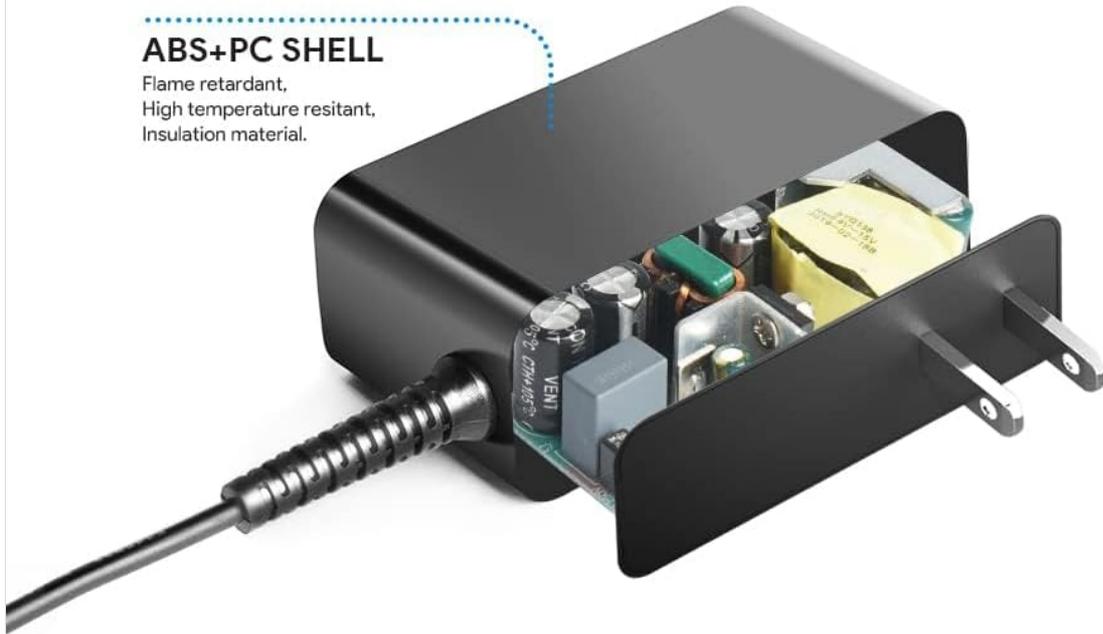
- **Stable Output:** Provides a consistent 31V DC, 500mA output for efficient charging.
- **Advanced Safety:** Equipped with multiple protection features including Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP).
- **Durable Construction:** Features an ABS+PC shell for flame retardancy and high temperature resistance.
- **Compact Design:** Lightweight and portable, ideal for home and travel.

## PREVENT OVERHEATING

Using pure copper plate to High-speed heat dissipation,  
Reduce heat when charging

### ABS+PC SHELL

Flame retardant,  
High temperature resistant,  
Insulation material.



Good heat  
Resistance



VO-Grade  
Fire-Retardant



Overcharge  
Protection



Overvoltage  
Protection



Overheat  
Protection



Overcurrent  
Protection

Image: Internal view of the TAIFU charger highlighting safety features and heat dissipation.

# Multiple Protection Design

With multi protection chip controller charges your devices more safe



*Image: Diagram illustrating the multiple protection design of the TAIFU charger.*

## 4. SETUP

1. **Unpack the Charger:** Carefully remove the TAIFU charger from its packaging. Inspect it for any visible damage.
2. **Identify the Charging Port:** Locate the charging port on your cordless vacuum cleaner. Refer to your vacuum cleaner's instruction manual if you are unsure.
3. **Connect the Charger to the Vacuum:** Insert the DC output plug of the TAIFU charger into the charging port of your vacuum cleaner. Ensure a secure connection.
4. **Connect to Power Outlet:** Plug the charger's AC input plug into a standard wall power outlet (110-240V).



*Image: The TAIFU charger connected to a cordless vacuum cleaner for charging.*

## 5. OPERATING INSTRUCTIONS

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Once properly connected, the charger will begin supplying power to your vacuum cleaner's battery. The charging process is typically indicated by an LED light on your vacuum cleaner or its battery pack. Please consult your vacuum cleaner's specific manual for details on charging indicators and expected charging times.

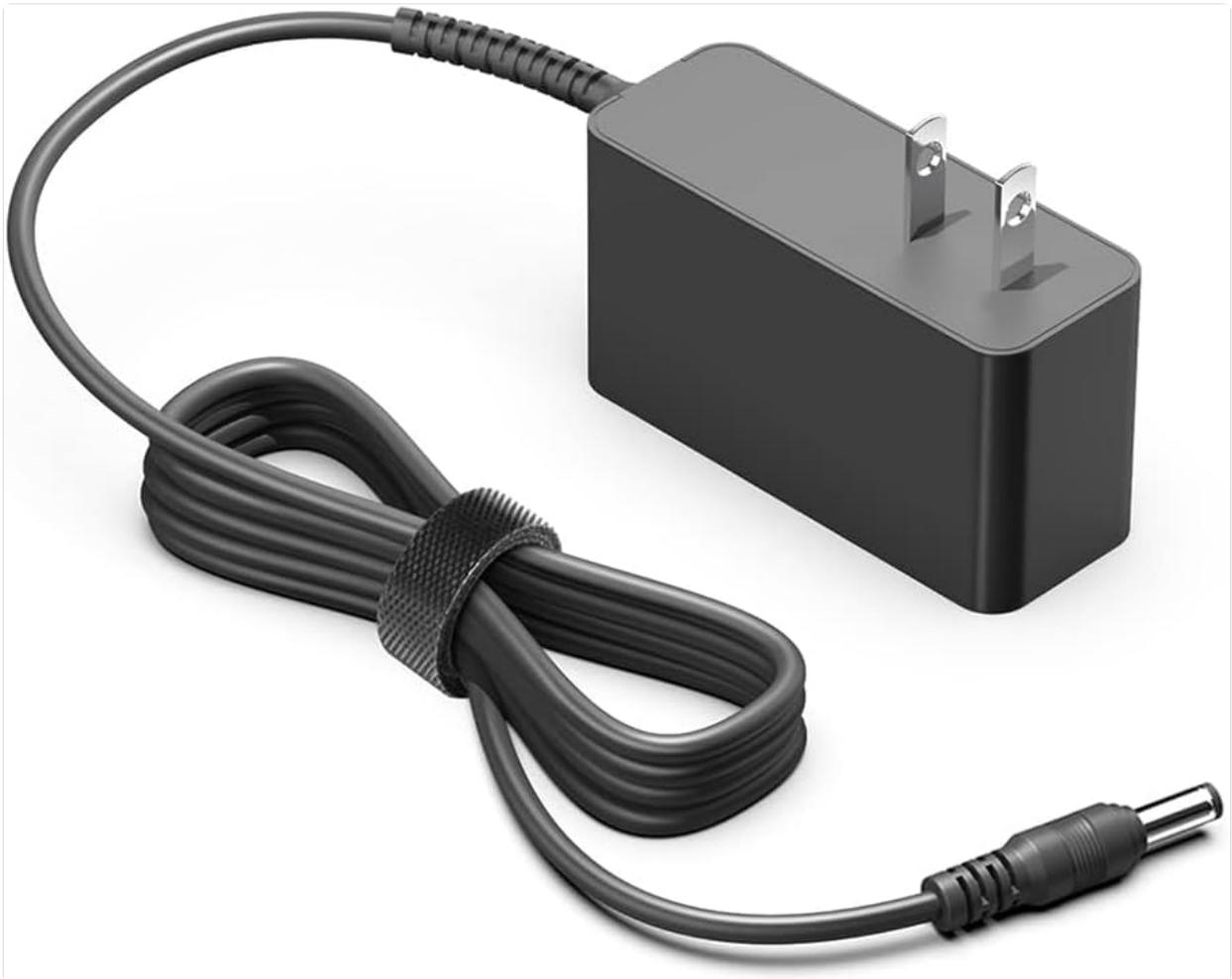
- **Charging Status:** Observe the charging indicator on your vacuum cleaner. It may change color or turn off when charging is complete.
- **Disconnection:** Once the vacuum cleaner is fully charged, unplug the charger from the wall outlet first, then disconnect it from the vacuum cleaner.
- **Optimal Performance:** For best battery life, avoid completely draining the vacuum's battery before recharging, and avoid leaving it plugged in indefinitely after it's fully charged.

## 6. MAINTENANCE

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- **Cleaning:** Disconnect the charger from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.

- **Storage:** Store the charger in a cool, dry place away from direct sunlight and moisture when not in use.
- **Cable Care:** Avoid wrapping the cable too tightly around the charger. Do not place heavy objects on the cable.



*Image: The TAIFU charger with its cable neatly organized for storage.*

## 7. TROUBLESHOOTING

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If your vacuum cleaner is not charging, consider the following:

1. **Check Connections:** Ensure the charger is securely plugged into both the wall outlet and the vacuum cleaner's charging port.
2. **Verify Power Outlet:** Test the wall outlet with another device to confirm it is supplying power.
3. **Inspect Charger and Cable:** Look for any visible damage to the charger unit or its cable. If damaged, discontinue use and replace.
4. **Vacuum Cleaner Status:** Some vacuum cleaners may display error codes if there's a charging issue or incompatibility. Refer to your vacuum cleaner's manual for specific error code interpretations (e.g., an "E2" error on some models may indicate an aftermarket charger).
5. **Compatibility:** Double-check that your vacuum cleaner model is listed as compatible with this TAIFU charger. While this charger is designed for broad compatibility, specific vacuum models may have unique requirements.

## 8. SPECIFICATIONS

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Feature	Specification
Input Voltage	AC 110-240V
Output Voltage	DC 31V
Output Current	500mA
Power Output	10 Watts
Connector Type	DC Adapter
Product Dimensions (approx.)	71mm x 38mm x 27mm (charger unit)
Item Weight	5.6 ounces (approx. 159g)
Color	Black
Safety Certifications	UL, CE, FCC, RoHS
Compatible Devices	HOMPANY SmartVac12, SmartVac13 (25.9V 2500mAh Li-ion Battery Model VC-7S1P-702), Buture Pro Model BP10, Buture JR200, JR400, JR500, JR600, VC40, VC50, Laesar Elite 1, 3, 4, 5, 6 Pro, Voweeek VW-VC09, Belife BVC-V11, BVC-V12 (25.9V 2600mAh)

# Reliable Quality You Can Count On



Image: Product label displaying technical specifications and compliance marks.

# Compact Size

Mini appearance is the best choice for your home travel



*Image: The compact size of the TAIFU charger, with dimensions indicated.*

## 9. WARRANTY AND SUPPORT

**Warranty:** This TAIFU charger comes with a 3-year warranty from the date of purchase. Additionally, a 3-month money-back guarantee is offered. This warranty covers manufacturing defects and ensures the product performs as described under normal use.

**Customer Support:** If you encounter any issues, have questions about your order, or require assistance with the product, please contact TAIFU customer support. Refer to your purchase documentation or the seller's platform for specific contact details. Our goal is to provide fast and effective service to ensure your satisfaction.