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saschedross SW-084080 (dsf02280806)

saschedross 8.4V AC/DC Power Adapter User Manual

Model: SW-084080 (dsf02280806)

1. Introduction

This manual provides essential information for the safe and effective use of your saschedross 8.4V AC/DC Power Adapter. This adapter is designed to provide reliable power for compatible devices, specifically Sowtech 6-in-1 Cyclonic Suction Lightweight Handheld Cordless Vacuum Cleaners, including models HM224, HM225, HM226, ST-HM224, ST-HM225, ST-HM226, and SVC1021-L, which utilize a 7.4V Li-Ion battery.

2. Safety Information

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Input Voltage:** This adapter supports a worldwide input voltage range of 100-240VAC, 50/60Hz. Ensure the wall outlet voltage is within this range.
- **Protection Features:** The adapter is equipped with OVP (Over Voltage Output Protection), OCP (Over Current Output Protection), and SCP (Short Circuit Output Protection) to ensure safe operation and protect your devices.
- **Indoor Use Only:** Do not expose the adapter to rain, moisture, or extreme temperatures. Use only in dry, indoor environments.
- **Proper Connection:** Always ensure the adapter is securely plugged into both the wall outlet and the device. Do not force connections.
- **Avoid Damage:** Do not use the adapter if the cord or plug is damaged. Do not attempt to open or repair the adapter yourself. Contact qualified service personnel.
- **Ventilation:** Ensure adequate ventilation around the adapter during use to prevent overheating.

3. Product Overview

The saschedross 8.4V AC/DC Power Adapter is a compact and lightweight power supply designed for convenience and portability. It features a standard barrel connector for compatibility with specified devices.



Figure 1: Adapter dimensions. The adapter measures approximately 2.7 inches in length, 1.2 inches in width (from one side), and 1.6 inches in width (from another side), highlighting its compact design.



Figure 2: Adapter with cable. The power cord attached to the adapter is 6.5 feet long, providing ample reach for charging.

4. Setup

1. **Verify Compatibility:** Ensure your device requires an 8.4V DC input and has a compatible barrel connector. This adapter is specifically designed for Sowtech vacuum cleaner models HM224, HM225, HM226, ST-

HM224, ST-HM225, ST-HM226, and SVC1021-L.

2. **Connect to Device:** Insert the barrel connector of the adapter firmly into the charging port of your vacuum cleaner.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard wall power outlet (100-240VAC, 50/60Hz).

5. Operating Instructions

Once connected, the adapter will begin charging your device. Most devices will have an indicator light to show charging status. Refer to your device's manual for specific charging indicators.

- **Charging Time:** Charging time will vary depending on the battery level and capacity of your device.
- **Battery Life:** Rechargeable batteries have a finite lifespan, typically 1 to 3 years. An old or dead battery may not accept a charge, which is a battery issue, not an adapter malfunction.
- **Disconnecting:** Once charging is complete, or if you need to disconnect, first unplug the adapter from the wall outlet, then disconnect the barrel connector from your device.



Figure 3: Portability. The adapter's lightweight design allows for easy storage and transport, fitting conveniently into a pocket or bag.

6. Maintenance

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place when not in use. Avoid wrapping the cable too tightly around the adapter to prevent damage.
- **Inspection:** Periodically inspect the adapter, cable, and connector for any signs of damage, such as cuts, fraying, or bent pins. If damage is found, discontinue use and replace the adapter.

7. Troubleshooting

- **Device Not Charging:**
  - Ensure the adapter is securely plugged into both the wall outlet and the device.
  - Verify the wall outlet is functional by testing it with another appliance.
  - Check if the device's battery is old or depleted beyond its service life. Rechargeable batteries typically last 1-3 years. An old battery may not accept a charge, which is a battery issue, not an adapter fault.
  - If you suspect the adapter is faulty, a voltmeter can be used to check its output voltage.
- **Adapter Overheating:**
  - Ensure the adapter has adequate ventilation and is not covered.
  - Disconnect the adapter and allow it to cool down. If overheating persists, discontinue use.
- **Loose Connection:**
  - Ensure the barrel connector is fully inserted into the device's charging port.
  - Inspect the connector for any physical damage or debris.

8. Specifications

Brand	saschedross
Model Number	SW-084080 (dsf02280806)
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	8.4V DC
Output Current	0.8A (800mA)
Connector Type	Barrel Connector
Cable Length	6.5 feet
Special Features	Lightweight Design, OVP, OCP, SCP Protection
Manufacturer	Shenzhen Waweis Technology Co., Ltd

9. Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your purchase receipt for warranty claims.

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