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onerbl AC-DC Adapter Instruction Manual

For SKC Quick Take 30 Sample Pump (Models 228-9530, 228-9530A, 228-9531) and PHHONG PSA15R-300P

1. Introduction

This manual provides instructions for the onerbl AC-DC Adapter, designed as a replacement power supply for SKC Quick Take 30 Sample Pumps (models 228-9530, 228-9530A, 228-9531) and PHHONG PSA15R-300P. It covers setup, operation, maintenance, and safety information to ensure proper use and longevity of your device. Please read this manual thoroughly before using the adapter.

2. Product Overview

The onerbl AC-DC Adapter converts standard AC wall power into the DC power required by your compatible device. It is designed for reliable performance and includes safety features such as over-voltage and over-heat protection.
Key features include:

- Compatible with SKC Quick Take 30 Sample Pump models 228-9530, 228-9530A, 228-9531.
- Compatible with PHHONG PSA15R-300P switching power supply.
- Built-in Over Voltage Protection.
- Built-in Over Heat Protection.
- Short Circuit Protection.



Figure 2.1: The onerbl AC-DC Adapter, showing the main adapter unit, the AC input cord, and the DC output cord with a barrel connector.

3. Setup Instructions

1. **Verify Compatibility:** Ensure your device (e.g., SKC Quick Take 30 Sample Pump or PHHONG PSA15R-300P) requires the specifications provided by this adapter. Check your device's power input requirements.
2. **Connect the AC Input Cord:** Plug the AC input cord (the one with the standard wall plug) into the adapter unit.
3. **Connect to Power Outlet:** Insert the AC input cord's wall plug into a standard electrical power outlet (110V AC).
4. **Connect to Device:** Plug the DC output barrel connector from the adapter into the power input port of your SKC Quick Take 30 Sample Pump or PHHONG PSA15R-300P.
5. **Power On:** Once connected, the adapter will supply power to your device. An indicator light on the adapter may illuminate to show it is receiving power.



Figure 3.1: The adapter connected to a wall outlet and a compatible device, illustrating a typical setup.

4. Operating Instructions

The onerbl AC-DC Adapter operates automatically once connected. It provides continuous power to your device or charges its battery, depending on your device's functionality. There are no user-adjustable settings on the adapter itself.

- Ensure all connections are secure before powering on your device.
- Disconnect the adapter from the power outlet when not in use for extended periods.
- Always use the adapter in a well-ventilated area to prevent overheating.

5. Maintenance

The onerbl AC-DC Adapter requires minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** Disconnect the adapter 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 adapter in a cool, dry place when not in use. Avoid extreme temperatures and humidity.
- **Cable Care:** Do not bend or crimp the power cords excessively. Avoid placing heavy objects on the cables.

- **Inspection:** Periodically inspect the adapter and cables for any signs of damage, such as frayed wires or cracked casing. If damage is found, discontinue use immediately and replace the adapter.

6. Troubleshooting

If you encounter issues with your onerbl AC-DC Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Adapter not supplying power.	• Loose connection. • No power from outlet. • Damaged adapter or cable.	• Ensure all cables are securely plugged in. • Test the outlet with another device. • Inspect adapter and cables for damage. Replace if damaged.
Device not charging/operating correctly.	• Incorrect adapter for device. • Device issue.	• Verify the adapter's specifications match your device's requirements. • Test your device with its original power supply if available.
Adapter feels hot.	• Normal operation (slight warmth). • Poor ventilation. • Overload or internal fault.	• Ensure adequate airflow around the adapter. • If excessively hot, disconnect immediately and contact support.

7. Specifications

The following are the technical specifications for the onerbl AC-DC Adapter:

- **Brand:** onerbl
- **Manufacturer:** Shenzhen Waweis Technology Co., Ltd
- **Input Voltage:** 110 Volts (AC)
- **Connector Type:** Barrel Connector
- **Special Feature:** Short Circuit Protection, Over Voltage Protection, Over Heat Protection
- **Color:** Black
- **Power Source:** Corded Electric
- **Compatible Devices:** SKC Quick Take 30 Sample Pump (228-9530, 2289530, 228-9530A, 228-9531), PHHONG PSA15R-300P (223-245, 223245)

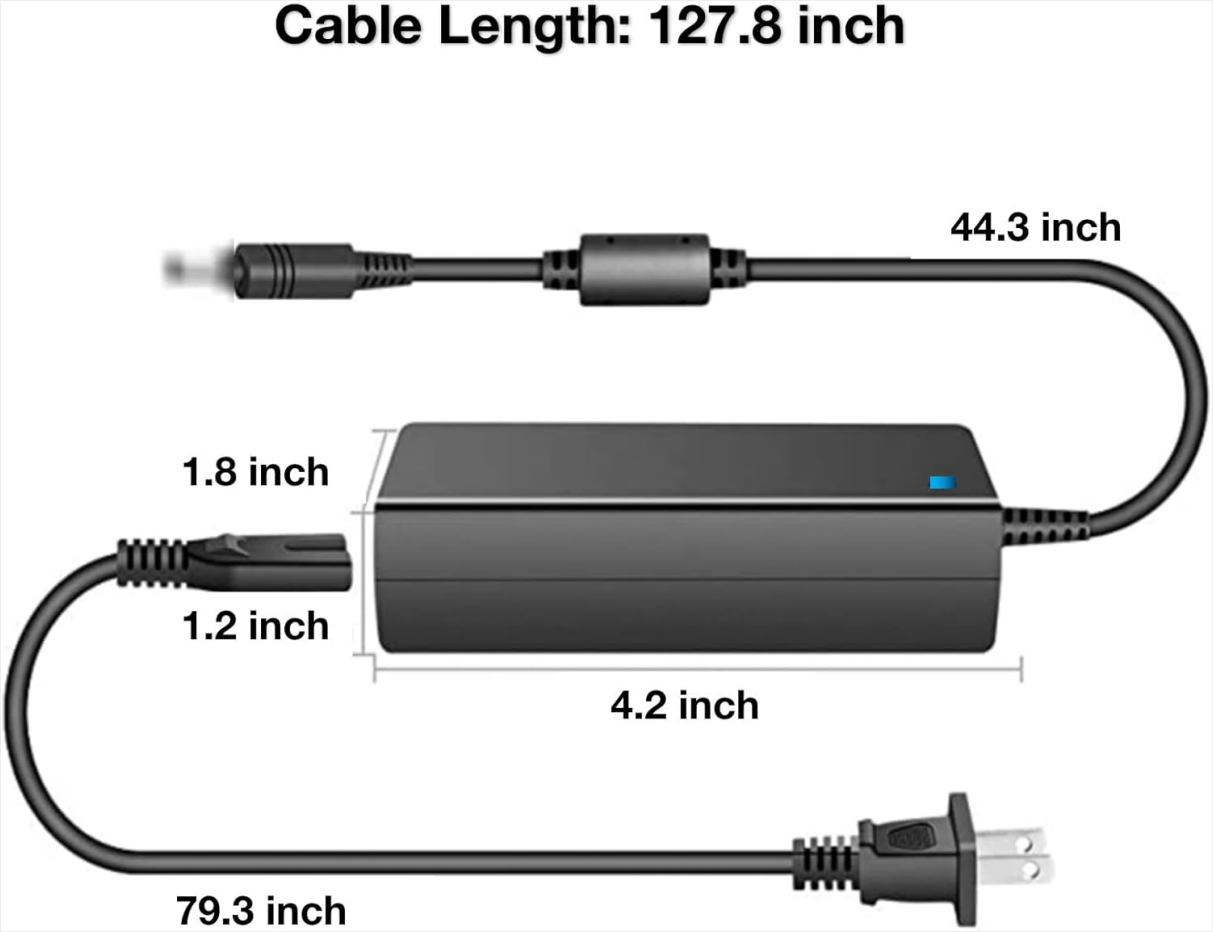


Figure 7.1: Diagram illustrating the dimensions of the adapter unit and the length of its connecting cables.

8. Safety Information

Please observe the following safety precautions to prevent injury or damage to the adapter and connected devices:

- Do not expose the adapter to water, rain, or excessive moisture.
- Do not disassemble or modify the adapter. This can lead to electric shock or fire.
- Avoid using the adapter in extremely hot or cold environments.
- Keep the adapter away from children and pets.
- Ensure the adapter is used with compatible devices only. Using it with incompatible devices may cause damage.
- If the adapter emits smoke, unusual odors, or makes strange noises, immediately disconnect it from the power outlet.

9. Warranty and Support

Information regarding specific warranty terms is not provided in this manual. For warranty claims or technical support, please refer to the retailer where the product was purchased or contact the manufacturer, Shenzhen Waweis Technology Co., Ltd, directly. Ensure you have your purchase receipt and product model information available.

The product is designed and tested to ensure it will work with your device and includes features like Over Voltage Protection and Over Heat Protection.