onerbl 24V 1A AC/DC Adapter

onerbl 24V AC/DC Power Adapter User Manual

Model: 24V 1A AC/DC Adapter

1. Product Overview

The onerbl 24V AC/DC Power Adapter is designed to provide a stable 24V DC power supply for compatible electronic devices. It features universal AC input (100-240V) and incorporates safety protections against over-voltage and over-heating.



Image 1: Front and side view of the onerbl 24V AC/DC Power Adapter. The adapter is black with a standard US two-prong plug on one side and a barrel tip connector on the other, connected by a cable.

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 damage to the product or connected devices.

- Use only with devices that require 24V DC and a current of 1A or less.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Do not disassemble or modify the adapter.
- Ensure proper ventilation around the adapter during use.
- Unplug the adapter from the power outlet when not in use for extended periods.



Image 2: Diagram illustrating the adapter's built-in safety features, including protection against short-circuits, over-voltage, and over-current, indicated by respective icons.

3. Setup Instructions

1. **Verify Compatibility:** Before connecting, ensure your device requires a 24V DC input and has a compatible barrel tip connector. Check your device's specifications for voltage and current requirements. This adapter provides 24V at 1A (1000mA).
2. **Connect to Device:** Insert the barrel tip connector of the adapter firmly into the power input port of your electronic device.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard AC 100-240V 50/60Hz wall outlet.
4. **Power On:** Once connected, your device should receive power. Follow your device's specific instructions to power it on.



Image 3: The onerbl 24V AC/DC Power Adapter is shown plugged into a white power strip on a desk, indicating a typical setup for powering a device.

4. Operating Instructions

This power adapter operates automatically once connected. No user intervention is required for its basic function. It converts AC wall power to 24V DC for your device.

- Ensure the adapter is placed in a well-ventilated area to prevent overheating.
- Avoid placing heavy objects on the adapter or its cable.
- If the adapter feels excessively hot, disconnect it immediately and check for proper ventilation or device compatibility.

5. Maintenance

Proper maintenance ensures the longevity and safe operation of your power adapter.

- **Cleaning:** Disconnect the adapter from the power outlet and your device before cleaning. Use a soft, dry 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. Avoid tightly coiling the cable to prevent damage.

- **Inspection:** Periodically inspect the adapter and cable for any signs of damage, such as cuts, frayed wires, or bent prongs. If damage is found, discontinue use and replace the adapter.

6. Troubleshooting

Problem	Possible Cause	Solution
Device not powering on.	Adapter not fully plugged in. Power outlet is not active. Device is incompatible (wrong voltage/current). Adapter or device is faulty.	Ensure adapter is securely plugged into both the wall outlet and the device. Test the outlet with another device. Verify device's power requirements match the adapter's output (24V 1A). Try a different compatible adapter or test the device with its original power supply if available.
Adapter feels hot.	Lack of ventilation. Overloaded (device draws too much current). Normal operation (slight warmth is common).	Ensure adapter is in a well-ventilated area. Verify device's current draw does not exceed 1A. If excessively hot, disconnect immediately.

7. Specifications

Feature	Detail
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	DC 24V
Output Current	1A (1000mA)
Wattage	24 Watts
Connector Type	Barrel Tip
Protection Features	Over Voltage Protection, Over Heat Protection, Short-Circuit Protection, Over-Current Protection
Cable Length	Approx. 76 inches (6.3 feet)
Dimensions (Adapter Body)	Approx. 2.6 x 1.6 x 1.2 inches (L x W x H)

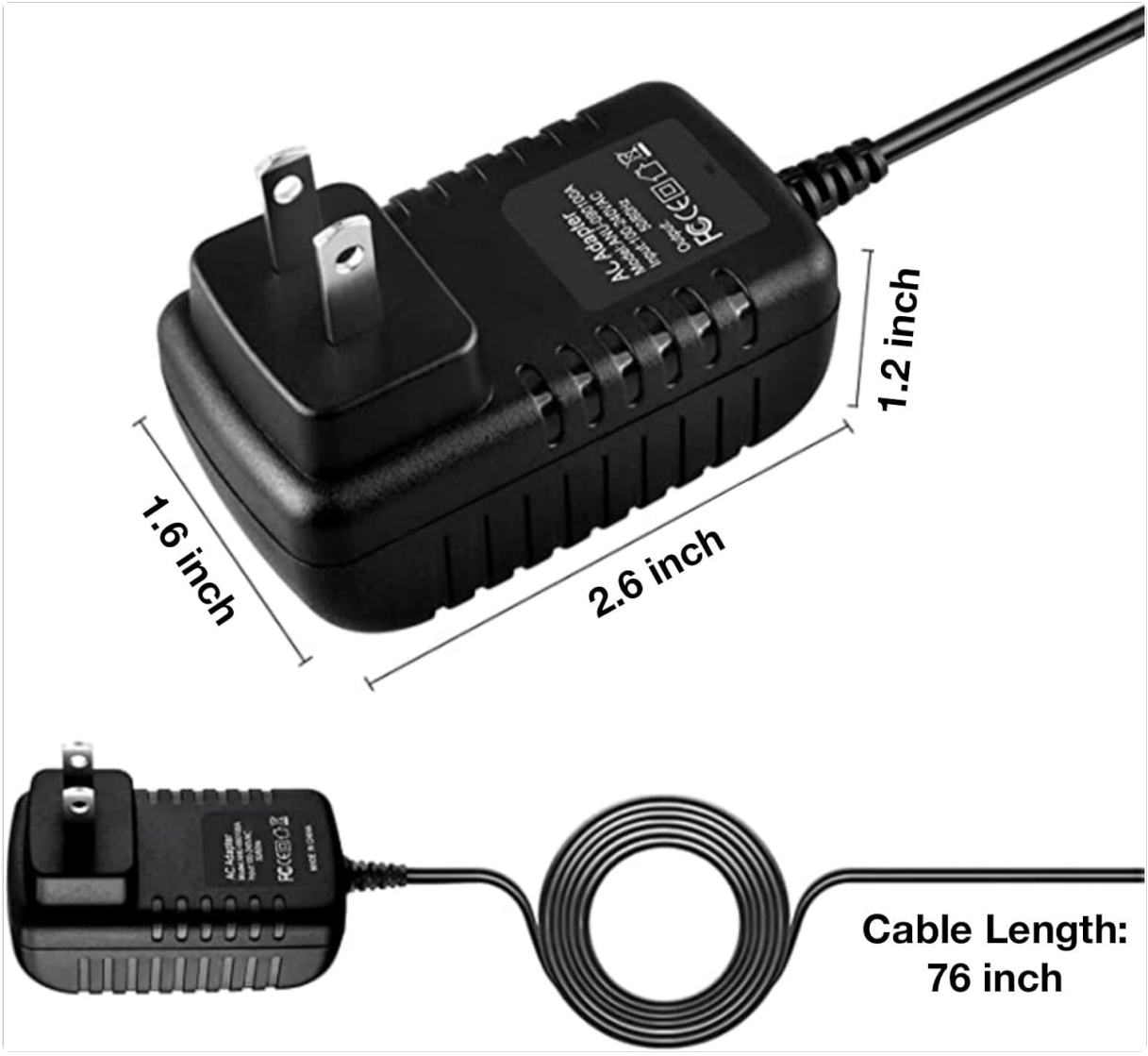


Image 4: This image provides key dimensions of the adapter body (2.6 inches length, 1.6 inches width, 1.2 inches height) and the cable length (76 inches).

8. Warranty and Support

For warranty information and customer support, please refer to the manufacturer's official website or contact the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.
Manufacturer: Shenzhen Waweis Technology Co., Ltd
Brand: onerbl

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