onerbl XVE024-1680140

onerbl AC/DC Adapter Instruction Manual

Model: XVE024-1680140

Introduction

This manual provides instructions for the safe and efficient use of the onerbl AC/DC Adapter, Model XVE024-1680140. This adapter is designed to provide a stable power supply for compatible Li-ion rechargeable lithium-ion batteries and devices requiring a DC 16.8V 1.4A input.



Image: The onerbl brand logo, indicating the manufacturer of the power adapter.

Important Safety Information

- Read all instructions before use.
- Do not expose the adapter to water or moisture.
- Do not disassemble the adapter. Refer servicing to qualified personnel.
- Ensure the input voltage matches your local power supply (AC 100-240V).
- Use only with devices requiring DC 16.8V 1.4A. Using with incompatible devices may cause damage.
- Disconnect from power outlet when not in use.
- This adapter features built-in over-voltage, over-current, and short-circuit protection for enhanced safety.

Specifications

Feature	Specification
Model	XVE024-1680140
Input	AC 100-240V, 50/60Hz
Output	DC 16.8V, 1.4A (23.52W)
Connector Type	DC Barrel Plug
Cable Length	Approximately 76 inches (193 cm)
Dimensions (Adapter Body)	Approximately 2.6 x 1.6 x 1.2 inches
Weight	Approximately 8 ounces (227 grams)
Safety Features	Over Voltage Protection, Over Heat Protection, Short-Circuit Protection



Image: The AC adapter with its approximate dimensions labeled: 2.6 inches length, 1.6 inches width, and 1.2 inches height for the main body, and a cable length of 76 inches.

Setup and Installation

1. **Verify Compatibility:** Before connecting, ensure your device requires a DC 16.8V 1.4A power input and has a compatible DC barrel connector.
2. **Connect to Device:** Insert the DC output plug of the adapter firmly into the power input port of your device.
3. **Connect to Power Outlet:** Plug the AC input prongs of the adapter into a standard AC 100-240V wall outlet.
4. **Power On:** Your device should now receive power or begin charging.

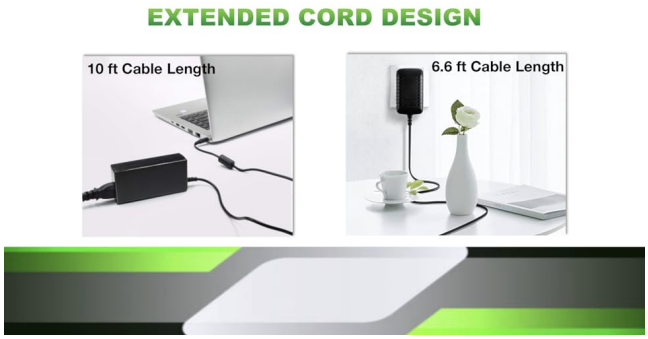


Image: The AC adapter plugged into a power strip on a desk, demonstrating a typical setup scenario.

Operation

Once properly connected, the adapter will automatically supply power to your device or charge its battery. No additional user interaction is required for basic operation. The adapter is designed for continuous use within its specified parameters.

Safety Protections

The onerbl AC/DC Adapter incorporates a smart chip with multiple protection features:

- **Short-Circuit Protection:** Prevents damage from electrical shorts.
- **Over-Voltage Protection:** Safeguards against excessive voltage input.
- **Over-Current Protection:** Protects against drawing too much current.



Image: Front and side views of the AC adapter, highlighting its compact design and robust construction.

Maintenance

The onerbl AC/DC Adapter requires minimal maintenance.

- Keep the adapter clean and free from dust. Use a dry, soft cloth for cleaning.
- Avoid placing heavy objects on the power cord.
- Store in a cool, dry place when not in use.
- Regularly inspect the cable and connector for any signs of damage. If damage is observed, discontinue use and replace the adapter.



Image: The onerbl AC/DC adapter with its cable coiled, illustrating its design for storage and handling.

Troubleshooting

Adapter is not providing power.

- Ensure the adapter is securely plugged into a working wall outlet.
- Verify the DC output plug is fully inserted into your device.
- Check if the wall outlet is functional by plugging in another device.
- Confirm your device's power requirements match the adapter's output (DC 16.8V 1.4A).
- Inspect the adapter cable and connector for any visible damage.

Device is not charging or powering on correctly.

- Ensure the device itself is functioning correctly.
- Verify the battery (if applicable) is properly installed and not fully discharged or damaged.
- Confirm the adapter's output specifications (16.8V 1.4A) are precisely what your device requires.

Wide Range of Applications

This adapter is suitable for various electronic devices that require a 16.8V DC power input, including but not limited to:

- CCTV Cameras
- Set-top Boxes
- Routers
- LED Strips

- Oxygen Machines
- Robotic Vacuums (e.g., Roomba compatible models)
- Portable Game Players
- Depilators
- Digital Photo Frames
- Humidifiers
- Various Li-ion Battery Chargers



Image: The AC adapter showing its label with input and output specifications, crucial for verifying compatibility with various devices.

Warranty and Support

For warranty information or technical support, please refer to the contact details provided by your retailer or visit the official onerbl website. Keep your purchase receipt as proof of purchase.

Manufacturer: Shenzhen Waweis Technology Co., Ltd

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