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onerbl K1211-2406000D

onerbl AC-DC Adapter Instruction Manual

Model: K1211-2406000D

Introduction

This manual provides essential instructions for the safe and effective use of your onerbl AC-DC Adapter. This power supply is designed to convert AC power from a standard electrical outlet into the DC power required by compatible devices. It is specifically validated for use with ALGOLASER Alpha 22W, Alpha MK2 20W, and Delta 22W Diode Engravers, as well as ALM-20BD K1211-2406000D devices requiring a 24V DC power input.
Please read this manual thoroughly before using the adapter to ensure proper operation and to prevent damage to the adapter or your connected device.

Safety Information

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury:

- Ensure the adapter's voltage and current ratings match your device's requirements. This adapter provides 24V DC output.
- Do not expose the adapter to water, rain, or excessive moisture.
- Avoid using the adapter in extremely hot or cold environments.
- Do not open or attempt to repair the adapter. Refer all servicing to qualified personnel.
- Keep the adapter away from children.
- Ensure proper ventilation around the adapter during use to prevent overheating.
- Disconnect the adapter from the power outlet when not in use for extended periods.
- This adapter features Over Voltage Protection and Over Heat Protection for enhanced safety.

Package Contents

Verify that all items are present in your package:

- onerbl AC-DC Adapter Unit
- AC Power Cord (for connecting to wall outlet)

- DC Output Cable with Barrel Connector (integrated with adapter unit)



Image: The onerbl AC-DC adapter unit with its integrated DC output cable and the detachable AC power cord.

Setup

Follow these steps to set up your onerbl AC-DC Adapter:

1. **Connect the AC Power Cord:** Insert the female end of the AC power cord firmly into the AC input port on the onerbl adapter unit.
2. **Connect to Wall Outlet:** Plug the male end of the AC power cord into a standard electrical wall outlet (AC 100-240V, 50/60Hz).
3. **Connect to Device:** Insert the barrel connector of the adapter's DC output cable into the corresponding power input port on your compatible device (e.g., ALGOLASER Alpha 22W/MK2 20W/Delta 22W Diode Engraver). Ensure the connection is secure.



Image: The onerbl AC-DC adapter properly connected to a wall outlet and a device, ready for operation.

Once connected, the adapter is ready to supply power to your device. The adapter is designed for worldwide AC input (100-240V).

Operating Instructions

The onerbl AC-DC Adapter operates automatically once connected. There are no user-adjustable settings on the adapter itself.

1. After completing the setup steps, ensure your device is properly connected to the adapter.
2. Power on your device according to its own instruction manual. The adapter will provide the necessary 24V DC power.
3. To disconnect, first power off your device, then unplug the adapter from the wall outlet, and finally disconnect the DC barrel connector from your device.

Maintenance

To ensure the longevity and optimal performance of your onerbl AC-DC Adapter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the adapter unit and cables. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cables to prevent damage.
- **Inspection:** Periodically inspect the adapter unit and cables for any signs of damage, such as cuts, fraying, or bent pins. If any damage is observed, discontinue use and replace the adapter.

Troubleshooting

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

Problem	Possible Cause	Solution
Device not receiving power.	Adapter not plugged into wall outlet. Wall outlet is not functioning. DC connector not fully inserted into device. Damaged adapter or cable.	Ensure all connections are secure. Test the wall outlet with another device. Verify the DC connector is firmly seated. Inspect adapter and cables for damage. If damaged, replace the adapter.
Adapter feels excessively hot.	Poor ventilation. Overload (device drawing too much power). Internal fault.	Ensure the adapter is in an open area with good airflow. Verify your device's power requirements do not exceed the adapter's output. Disconnect immediately and replace if overheating persists or is extreme.
Intermittent power supply.	Loose connections. Damaged cable or connector.	Check all connections for tightness. Inspect cables and connectors for damage. Replace if necessary.

If the problem persists after trying these solutions, please contact customer support.

Specifications

Feature	Detail
Model	K1211-2406000D
Input Voltage	AC 100-240V, 50/60Hz (Worldwide Auto-sensing)
Output Voltage	24V DC
Compatibility	ALGOLASER Alpha 22W / Alpha MK2 20W Diode Engraver, Delta 22W, ALM-20BD
Connector Type	Barrel Connector

Feature	Detail
Special Features	Over Voltage Protection, Over Heat Protection, Short Circuit Protection
Color	Black
Manufacturer	Shenzhen Waweis Technology Co., Ltd

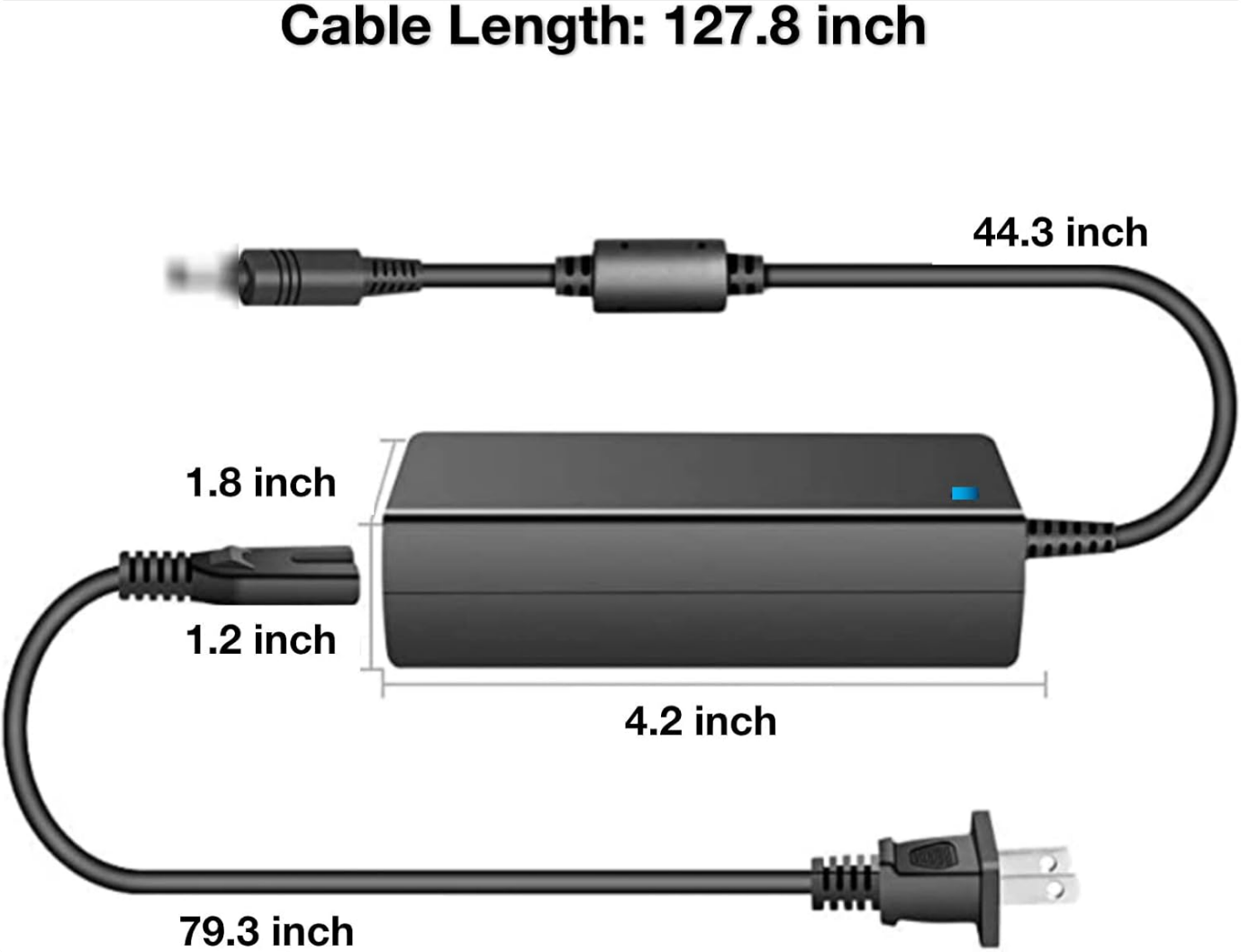


Image: Detailed dimensions of the onerbl AC-DC adapter unit and its associated cables. The total cable length is approximately 127.8 inches.



Image: The detachable AC power cord, which connects the adapter to the wall outlet.

Warranty and Support

This onerbl AC-DC Adapter is manufactured to high-quality standards. For specific warranty information, please refer to the documentation provided at the time of purchase or contact the seller directly. General protection plans may be available for purchase separately.

For technical support or inquiries, please contact the seller, GreatComputerParts, through the platform where the purchase was made. Provide your order details and the product model number (K1211-2406000D) for efficient assistance.

Seller Information: GreatComputerParts

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