

onerbl 12V AC/DC Adapter

onerbl 12V AC/DC Adapter Instruction Manual

Model: 12V AC/DC Adapter

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your onerbl 12V AC/DC Adapter. Please read this manual thoroughly before using the product and retain it for future reference. This adapter is designed to provide stable power for compatible devices, including SCULPFUN S9, S10, S30, and S30 Pro Max Engraver Cutters.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following safety precautions:

- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to open or modify the adapter. Refer all servicing to qualified personnel.
- Ensure the adapter is connected to a properly grounded power outlet.
- Disconnect the adapter from the power source when not in use or during electrical storms.
- This adapter features built-in **Over Voltage Protection** and **Over Heat Protection** to safeguard your devices.

3. PRODUCT OVERVIEW

The onerbl 12V AC/DC Adapter is a high-quality replacement power supply designed for various electronic devices requiring 12V DC power. It features a robust design with multiple safety protections.

Cable Length: 127.8 inch

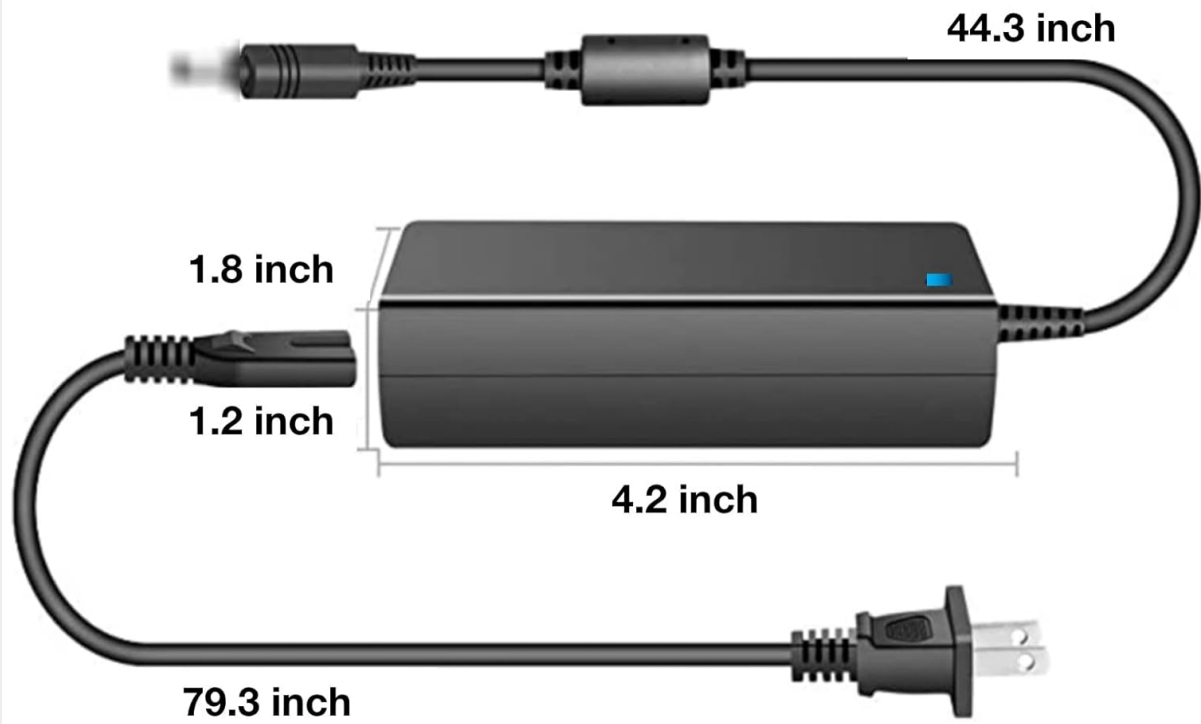


Image: The onerbl 12V AC/DC Adapter, showing the main unit and connected cables.

3.1 Components

- **AC/DC Adapter Unit:** Converts AC wall power to stable DC power.
- **AC Input Cable:** Connects the adapter unit to a wall outlet.
- **DC Output Cable:** Connects the adapter unit to your device.



Image: The AC input cable with a Type A plug.

3.2 Key Features

- **Universal Input:** AC 100-240V 50/60Hz, suitable for worldwide use.

- **Stable Output:** DC 12V 5A (60W).
- **Safety Protections:** Over Voltage Protection, Over Heat Protection, Short-circuit Protection, Over-current Protection.
- **Durable Design:** Features copper wire and a PVC jacket for enhanced longevity.



Image: Illustration highlighting quality control and durable design features, including copper wire and PVC jacket.



Image: Diagram illustrating the smart chip with multiple protection features: short-circuit, over-voltage, and over-current protection.

3.3 Dimensions and Cable Length



Image: Detailed diagram showing the dimensions of the adapter unit and the total cable length of 127.8 inches (324.6 cm), with individual segment lengths.

4. SETUP

Follow these steps to set up your onerbl 12V AC/DC Adapter:

1. **Connect the AC Input Cable:** Plug the AC input cable into the adapter unit.
2. **Connect to Device:** Plug the DC output cable from the adapter unit into the power input port of your compatible device (e.g., SCULPFUN Engraver Cutter). Ensure a secure connection.
3. **Connect to Power Outlet:** Insert the AC plug into a standard wall power outlet (100-240V AC).
4. **Verify Connection:** A blue indicator light on the adapter unit may illuminate, indicating it is receiving power.



Image: The adapter connected to a wall outlet and a device, demonstrating a typical setup.

5. OPERATING INSTRUCTIONS

Once properly set up, the onerbl 12V AC/DC Adapter operates automatically. It provides continuous power to your connected device as long as it is plugged into a live power outlet.

- Ensure the adapter is placed in a well-ventilated area to prevent overheating.
- Do not cover the adapter during operation.
- If your device has a power switch, turn it on after connecting the adapter.

6. MAINTENANCE

Proper maintenance helps extend the lifespan of your 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 cables to prevent damage.
- **Inspection:** Periodically inspect the cables and connectors for any signs of wear, cuts, or damage. If any damage is found, discontinue use and replace the adapter.

7. TROUBLESHOOTING

If you encounter issues with your adapter, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No power to device	Adapter not plugged in correctly Wall outlet is not live Faulty adapter or cable Device power issue	Ensure all connections are secure. Test the wall outlet with another device. Inspect cables for damage. If damaged, replace the adapter. Verify your device is functioning correctly with another power source if possible.
Adapter is hot to the touch	Normal operation (slight warmth) Overload or poor ventilation	A slight warmth is normal. If excessively hot, disconnect immediately. Ensure the adapter is in a well-ventilated area and not covered. Reduce load if possible. The adapter has built-in Over Heat Protection.
Device not charging/powering efficiently	Incorrect adapter specifications Damaged cable or connector	Ensure the adapter's voltage and amperage match your device's requirements. Check for bent pins or frayed wires. Replace if damaged.

If the problem persists after following these steps, please contact customer support.

8. SPECIFICATIONS

- **Brand:** onerbl
- **Model:** 12V AC/DC Adapter
- **Input Voltage:** AC 100-240V, 50/60Hz
- **Output Voltage:** DC 12V
- **Output Current:** 5A
- **Output Power:** 60W
- **Plug Type:** Type A (US Standard)
- **Number of Outlets:** 1 (DC output)
- **Power Source:** Corded Electric
- **Color:** Black
- **Cable Length:** Approximately 127.8 inches (324.6 cm) total
- **Protections:** Over Voltage Protection, Over Heat Protection, Short-circuit Protection, Over-current Protection
- **Manufacturer:** Shenzhen Waweis Technology Co., Ltd

9. WARRANTY INFORMATION

Specific warranty details for this product are not provided in the available information. Please refer to the product packaging or contact the retailer/manufacturer for warranty terms and conditions.

10. CUSTOMER SUPPORT

For technical assistance or further inquiries, please refer to the contact information provided by your retailer or the manufacturer, Shenzhen Waweis Technology Co., Ltd. No specific customer support contact details are available in this manual.