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onerbl CL2902-B Series

onerbl 2-Prong 29V AC/DC Power Adapter

MODEL: CL2902-B SERIES

Introduction Safety Contents Features Setup Operation Maintenance Troubleshooting Specifications Warranty

1. Introduction

This manual provides essential instructions for the safe and effective use of your onerbl 2-Prong 29V AC/DC Power Adapter. This adapter is designed to provide reliable power to various Mulin Electric devices requiring 29V DC input. Please read this manual thoroughly before use and retain it for future reference.

2. Important Safety Instructions

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

- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Ventilation:** Ensure adequate ventilation around the adapter. Do not cover it or place it in an enclosed space during operation.
- **Correct Voltage:** Only connect the adapter to power outlets within the specified input voltage range (AC 100-240V).
- **Avoid Overload:** Do not connect devices that exceed the adapter's output current rating (1.8A - 2A).
- **Damage Inspection:** Before each use, inspect the adapter and cables for any signs of damage. Do not use if damaged.
- **Disconnect When Not in Use:** Unplug the adapter from the wall outlet when not in use for extended periods.
- **Children and Pets:** Keep the adapter and cables out of reach of children and pets.
- **Built-in Protections:** The adapter features built-in short-circuit, over-voltage, and over-current protection for enhanced safety.

3. Package Contents

Verify that all items are present in your package:

- 1 x onerbl 29V AC/DC Power Adapter
- 2 x Power Cables (AC input cable and DC output cable)

4. Product Features and Dimensions

4.1 Key Features

- **Universal AC Input:** Supports worldwide AC input from 100V to 240V.
- **Multiple Safety Protections:** Equipped with smart chip technology for short-circuit, over-voltage, and over-current protection.
- **Durable Design:** Constructed with quality materials, including copper wire, for reliable and long-lasting performance.
- **Portable:** Compact design suitable for travel.



Figure 4.1: Smart Chip with Multiple Protection Features. This image illustrates the adapter's built-in safeguards against common electrical issues, including short-circuit, over-voltage, and over-current conditions, ensuring device safety.

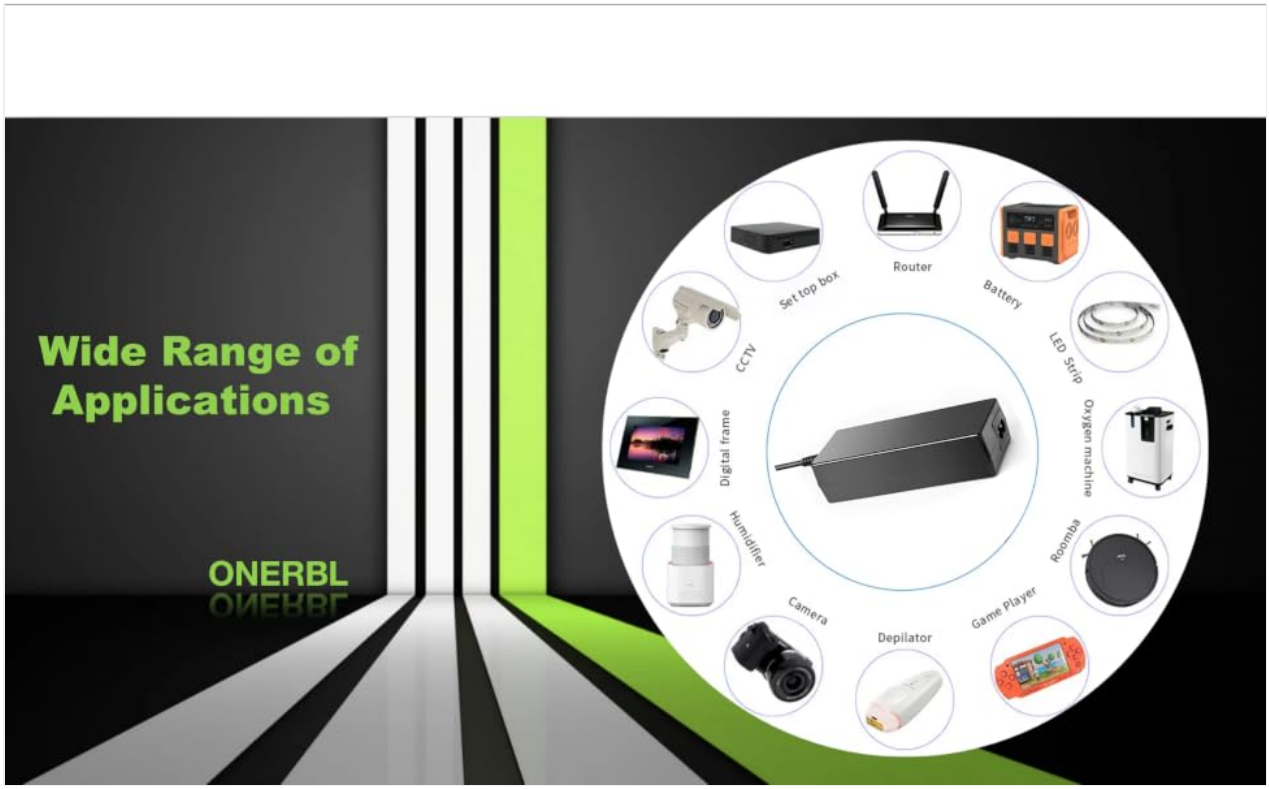


Figure 4.2: Quality Control and Durable Design. This image highlights the robust construction of the adapter, including the use of copper wire for enhanced durability and performance.

4.2 Dimensions

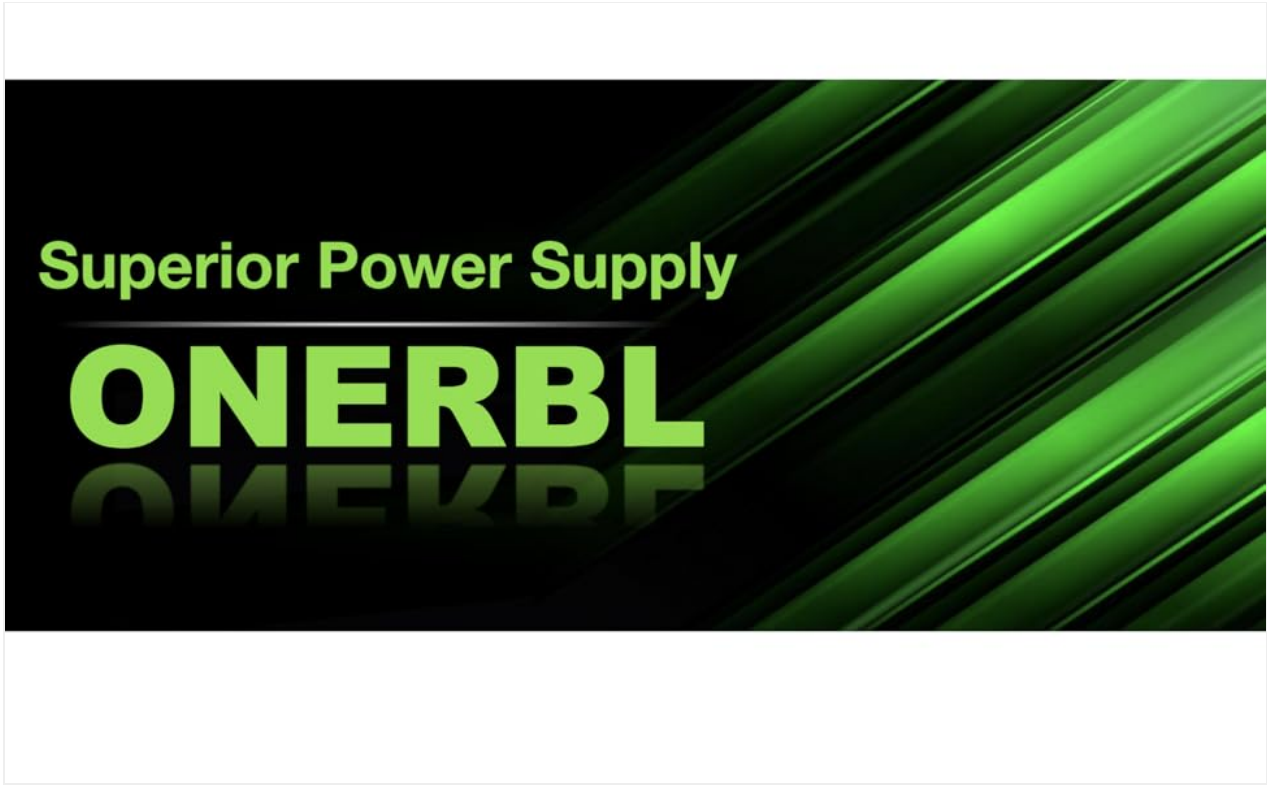


Figure 4.3: Power Adapter Dimensions. The total cable length is approximately 127.8 inches. The main adapter unit measures 4.2 inches in length. The DC output cable is approximately 44.3 inches, and the AC input cable is approximately 79.3 inches. The DC connector tip is 1.8 inches long with a 1.2 inch barrel.

5. Setup and Connection

Follow these steps to connect your power adapter:

1. **Connect DC Output:** Take the DC output cable (the one with the barrel connector) and plug it firmly into the power input port of your compatible Mulin Electric device.
2. **Connect AC Input:** Connect the 2-prong AC input cable to the corresponding input port on the power adapter unit.
3. **Plug into Wall Outlet:** Insert the 2-prong AC plug into a standard wall power outlet (AC 100-240V, Type A - North American).

Ensure all connections are secure before powering on your device.



Figure 5.1: Adapter in Use. This image shows the power adapter correctly plugged into a wall socket and connected to a device, illustrating a typical setup.

6. Operation

Once properly connected to a power source and your device, the adapter will automatically begin supplying the necessary 29V DC power. Some adapters may feature an LED indicator light that illuminates when power is active. No further user interaction is required for basic operation.

7. Care and Maintenance

To ensure the longevity and optimal performance 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:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use. Avoid tightly coiling the cables to prevent damage.
- **Cable Inspection:** Regularly inspect the cables for any cuts, fraying, or bends, especially near the connectors. Replace if any damage is observed.
- **Avoid Physical Stress:** Do not drop, hit, or apply excessive force to the adapter or its cables.

8. Troubleshooting

If you encounter issues with your power adapter, refer to the following common problems and solutions:

- **No Power to Device:**
  - Ensure the adapter is securely plugged into a working wall outlet.
  - Verify that the DC output cable is firmly connected to your device's power input.
  - Check if the wall outlet is functional by plugging in another appliance.
  - Confirm that your device is compatible with a 29V DC power supply and the adapter's connector type.
- **Intermittent Power:**
  - Check all cable connections for looseness.
  - Inspect cables for visible damage. Damaged cables should be replaced.
- **Adapter is Hot:**
  - It is normal for the adapter to feel warm during operation. However, if it becomes excessively hot to the touch, disconnect it immediately.
  - Ensure adequate ventilation around the adapter and that it is not covered.

If problems persist, contact customer support.

9. Technical Specifications

Feature	Specification
Brand	onerbl
Model Compatibility	CL2902-B, CL2902B, CL2902-1, CL29021, CL 2902 B, CL2902-E, CL2902E, CL2902-A, CL2902A Mulin Electric
Input Voltage	AC 100-240V, 50/60Hz (Worldwide Auto Sensing)
Output Voltage	DC 29V
Output Current	1.8A - 2A
Connector Type	2-Pin (DC Barrel)
Power Plug Type	Type A - 2 pin (North American)
Safety Protections	Over Voltage Protection, Over Heat Protection, Short-Circuit Protection
Manufacturer	Shenzhen Waweis Technology Co., Ltd

10. Warranty and Customer Support

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the retailer/manufacturer directly. Keep your purchase receipt as proof of purchase.

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