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onerbl GM50-480100-F

onerbl 48V AC/DC Adapter Instruction Manual

MODEL: GM50-480100-F

Introduction

This manual provides essential instructions for the safe and effective use of your onerbl 48V AC/DC Adapter, model GM50-480100-F. This power supply is designed to convert AC input voltage to a stable 48V DC output, suitable for various electronic devices requiring 48VDC at up to 1A.
Key features include:

- Input: AC 100-240V, 50/60Hz (Worldwide compatibility)
- Output: DC 48V, 1A (1000mA)
- Built-in protection against over-voltage, over-heat, short-circuit, and over-current.
- Tested for reliable performance.

Package Contents

Verify that all items are present in your package:

- 1 x onerbl 48V AC/DC Adapter
- 1 x AC Power Cord



Image: The onerbl 48V AC/DC adapter unit with its detachable AC power cord. The adapter is a black rectangular block with a blue indicator light, and the DC output cable is permanently attached.

Setup

1. **Connect the AC Power Cord:** Insert the C7 connector end of the AC power cord firmly into the AC input port on the adapter unit.
2. **Connect to Power Outlet:** Plug the two-prong AC plug of the power cord into a standard AC 100-240V wall outlet.
3. **Connect to Device:** Plug the DC output connector from the adapter into the corresponding power input port on your electronic device. Ensure the connector is fully inserted.
4. **Verify Power:** Once connected, the blue indicator light on the adapter should illuminate, indicating that power is being supplied.



Image: The onerbl AC/DC adapter plugged into a wall outlet, with its DC output cable connected to an unseen device on a desk. A blue indicator light is visible on the adapter.

Operating Instructions

The onerbl 48V AC/DC Adapter operates automatically once connected. It provides a stable 48V DC output to your compatible device.

- **Indicator Light:** A blue LED on the adapter unit indicates that the unit is receiving AC power and is actively supplying DC power.
- **Automatic Voltage Adjustment:** The adapter supports a wide input voltage range (AC 100-240V) and automatically adjusts, making it suitable for use in various regions without manual switching.

Important Safety Information:

- Ensure the adapter's output voltage and current match your device's requirements.
- 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 repair the adapter. Refer to qualified service personnel.

Maintenance

- **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.
- **Cable Inspection:** Periodically inspect the AC power cord and DC output cable for any signs of damage, such as fraying or cuts. Replace damaged cables immediately.

Troubleshooting

Problem	Possible Cause	Solution
Adapter indicator light is off.	No power from wall outlet; loose connection; faulty adapter.	Check wall outlet with another device; ensure all cables are securely connected; try a different outlet. If problem persists, the adapter may be faulty.
Device is not powering on.	Incorrect adapter for device; device fault; adapter fault.	Verify adapter specifications match device requirements; test device with another known-good power source; ensure adapter indicator light is on.
Adapter feels excessively hot.	Overload; poor ventilation; internal fault.	Ensure the device's power requirements do not exceed the adapter's output (48V 1A); ensure adapter is in a well-ventilated area; discontinue use if overheating persists and contact support.

Specifications

- **Model:** GM50-480100-F
- **Input:** AC 100-240V, 50/60Hz
- **Output:** DC 48V, 1A (1000mA)
- **Power Output:** 48W
- **Protection Features:** Over Voltage Protection, Over Heat Protection, Short-Circuit Protection, Over-Current Protection
- **Cable Length (Total):** Approximately 127.8 inches (324.6 cm)
- **Adapter Dimensions (Approximate):** 4.2 inches (length) x 1.8 inches (width) x 1.2 inches (height)

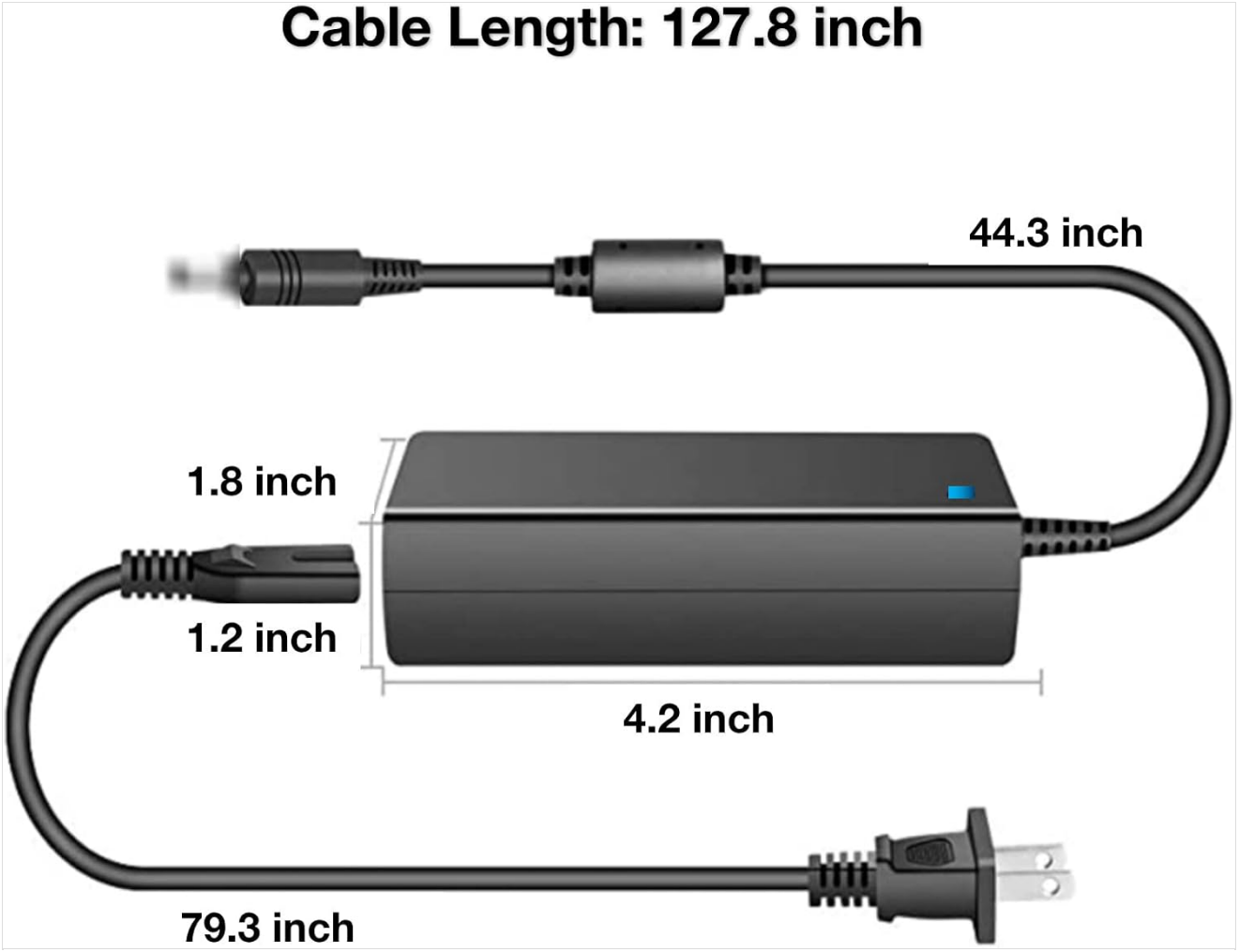


Image: A diagram illustrating the dimensions of the adapter unit and its connected cables. The adapter measures approximately 4.2 inches in length, 1.8 inches in width, and 1.2 inches in height. The total cable length is approximately 127.8 inches.



Image: Graphic illustrating the adapter's smart chip protection features, including icons for short-circuit protection, over-voltage protection, and over-current protection.



Image: A diagram showing the internal construction of the cable, highlighting the copper wire conductors and the PVC jacket for durability.

Warranty and Support

Information regarding specific warranty terms and customer support contacts is not available in the provided product data. Please refer to the product packaging or the retailer's website for details on warranty coverage and how to obtain support for your onerbl 48V AC/DC Adapter.

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