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onerbl 12V-24V AC-DC Adapter

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User Manual for ELECAENTA Mars EM200 Portable Power Station

Brand: onerbl

Introduction

This manual provides detailed instructions for the safe and effective use of the onerbl 12V-24V AC-DC Adapter. This adapter is designed as a replacement power supply for the ELECAENTA Mars EM200 Portable Power Station, ensuring reliable charging and operation. Please read this manual thoroughly before use to ensure proper functionality and safety.



Figure 1: onerbl AC-DC Adapter. This image displays the complete onerbl AC-DC adapter unit, including the main power brick, the detachable AC input power cord, and the DC output cable with a barrel connector.

Safety Precautions

- Ensure the adapter is used with compatible devices only, specifically the ELECAENTA Mars EM200 Portable Power Station.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impacts.
- Do not attempt to open or modify the adapter. This will void any potential warranty and may cause damage or injury.
- Unplug the adapter from the power outlet when not in use or during electrical storms.
- Keep out of reach of children.

Setup

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

1. **Connect the AC Power Cord:** Take the detachable AC power cord (Figure 2) and firmly insert its C7 connector end into the AC input port on the adapter brick.
2. **Connect to Wall Outlet:** Plug the two-prong end of the AC power cord into a standard 100-240V AC wall outlet.
3. **Connect to Device:** Insert the barrel connector of the DC output cable into the designated DC input port on your ELECAENTA Mars EM200 Portable Power Station.
4. **Verify Connection:** Once connected, a blue indicator light on the adapter brick should illuminate, indicating that power is being supplied (Figure 3).



Figure 2: Detachable AC Power Cord. A close-up view of the detachable AC power cord, which connects the adapter to a wall outlet. It features a standard two-prong plug on one end and a C7 connector on the other.



Figure 3: Adapter in Use. This image shows the onerbl AC-DC adapter in an operational setting, plugged into a wall outlet and presumably connected to a portable power station (not fully visible). A blue indicator light on the adapter is illuminated, signifying power.

Operating

The onerbl AC-DC Adapter operates automatically once properly connected. Its primary function is to convert AC wall power to DC power suitable for charging the ELECAENTA Mars EM200 Portable Power Station.

- **Power Indicator:** The blue LED light on the adapter indicates that the unit is receiving power and is ready to supply power to the connected device.
- **Charging:** Once connected to the ELECAENTA Mars EM200, the power station will begin charging according to its internal charging management system. Refer to the ELECAENTA Mars EM200 manual for specific charging status indicators.
- **Safety Features:** The adapter is equipped with Over Voltage Protection and Over Heat Protection to safeguard both the adapter and your connected device.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your adapter.

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. When storing, coil the cables loosely to prevent kinks or damage.
- **Cable Care:** Avoid bending or twisting the cables sharply, especially near the connectors. Regularly inspect cables for any signs of wear, cuts, or damage. Replace damaged cables immediately.

Troubleshooting

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

Problem	Possible Cause	Solution
Adapter not powering on (no blue LED)	No power from wall outlet; loose AC cord connection; faulty adapter.	Check wall outlet with another device; ensure AC cord is firmly connected to both adapter and wall; try a different wall outlet. If problem persists, the adapter may be faulty.
Device not charging	Loose DC output connection; incompatible device; device charging port issue.	Ensure DC barrel connector is fully inserted into the ELECAENTA Mars EM200; confirm the adapter is specifically for the EM200; check the EM200's charging port for damage.
Adapter feels excessively hot	Poor ventilation; prolonged heavy load; internal fault.	Ensure adapter is in a well-ventilated area; disconnect for a few minutes to cool down. If overheating persists or is extreme, discontinue use immediately.

If troubleshooting steps do not resolve the issue, please contact the seller or manufacturer for further assistance.

Specifications

The following are the technical specifications for the onerbl 12V-24V AC-DC Adapter:

- **Input Voltage:** 100-240V AC, 50/60Hz
- **Output Voltage:** 12V-24V DC (Auto-sensing/Adjusting)
- **Max Output Current:** 5 Amps
- **Max Output Wattage:** 100 Watts
- **Connector Type:** Barrel Connector
- **Compatible Devices:** ELECAENTA Mars EM200 Portable Power Station
- **Special Feature:** Travel-friendly design
- **Manufacturer:** Shenzhen Waweis Technology Co., Ltd
- **ASIN:** B0D31DPX2B

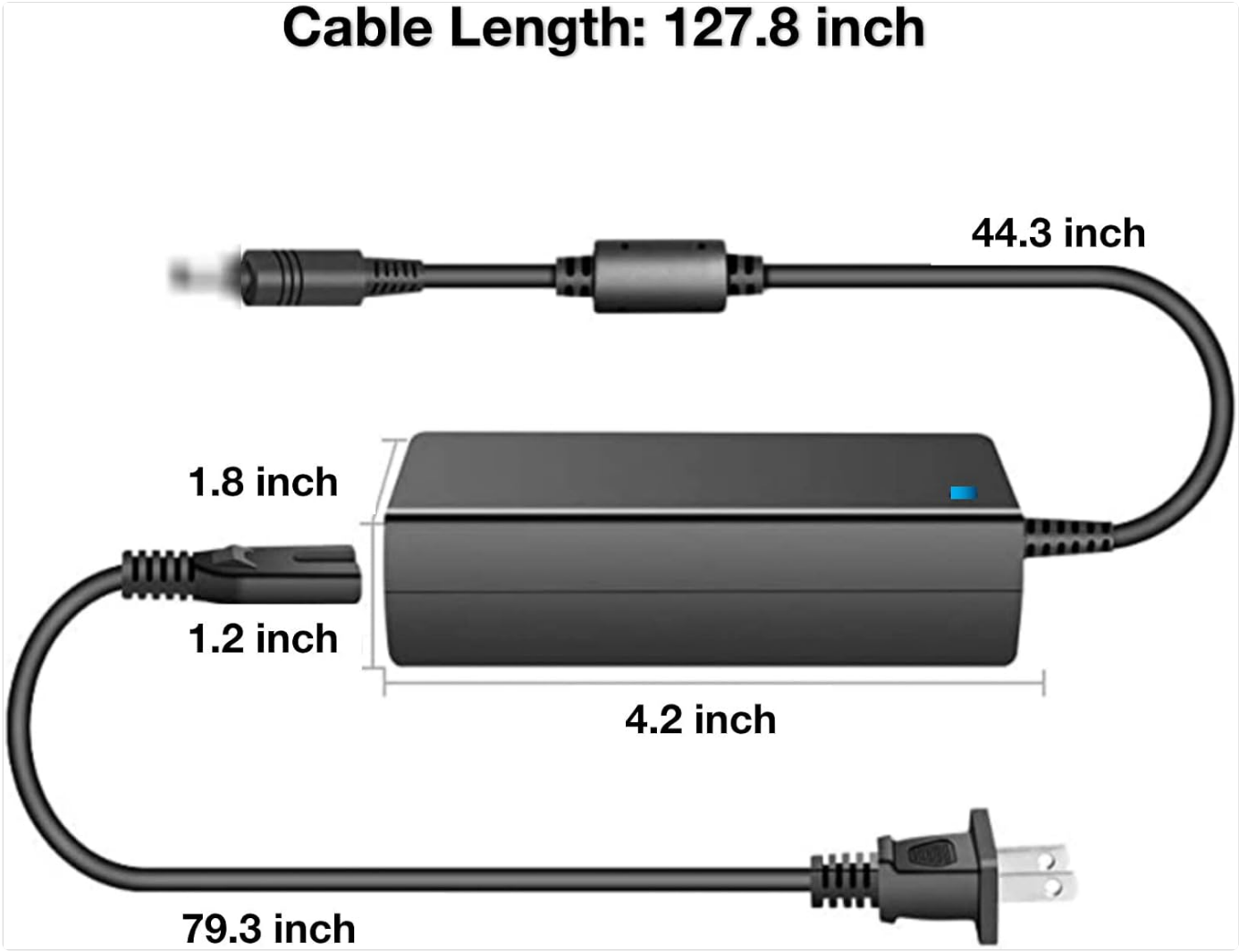


Figure 4: Adapter Dimensions. This diagram illustrates the physical dimensions of the onerbl AC-DC adapter and its associated cables. It shows the length of the AC input cable (79.3 inches), the DC output cable (44.3 inches), and the adapter brick's length (4.2 inches), width (1.8 inches), and height (1.2 inches).

Warranty and Support

For information regarding warranty coverage, return policies, or technical support, please refer to the documentation provided at the time of purchase or contact the seller directly. The manufacturer of this product is Shenzhen Waweis Technology Co., Ltd, and the brand is onerbl.

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