

onerbl FY1505462000

onerbl 3-Prong 54.6V 2A AC/DC Adapter Instruction Manual

Model: FY1505462000

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your onerbl 3-Prong 54.6V 2A AC/DC Adapter. This power supply is designed for charging 48V Li-ion batteries compatible with electric scooters such as Zero 8, Zero 9, Vsett 8, Vsett 8+, and Vsett 9+ models. Please read this manual thoroughly before operation and retain it for future reference.

2. SAFETY INFORMATION

- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the input voltage matches the adapter's specifications (AC 100-240V).
- **Avoid Overloading:** Do not connect devices that exceed the adapter's output capacity (54.6V 2A).
- **Ventilation:** Ensure adequate ventilation around the adapter during use to prevent overheating.
- **Cable Integrity:** Regularly inspect the power cord and adapter for any damage. Do not use if damaged.
- **Children and Pets:** Keep the adapter out of reach of children and pets.
- **Disconnection:** Always disconnect the adapter from the power outlet before cleaning or if not in use for extended periods.
- **No User Serviceable Parts:** Do not attempt to open or repair the adapter. Refer all servicing to qualified personnel.



Figure 2.1: The adapter features built-in protections against short-circuit, over-voltage, and over-current to ensure safe operation.

3. PRODUCT OVERVIEW

The onerbl 3-Prong 54.6V 2A AC/DC Adapter is a reliable power supply designed for specific 48V Li-ion battery applications. It consists of the main adapter unit, an AC input cable (with a 2-prong plug), and a DC output cable with a 3-prong connector.



Figure 3.1: Main components of the onerbl 3-Prong 54.6V 2A AC/DC Adapter.



Figure 3.2: Dimensions and cable lengths of the adapter for reference.



Figure 3.3: The adapter's cables feature copper wire and a PVC jacket for durability and efficient power transmission.

4. SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove the adapter and all components from the packaging.
2. **Inspect:** Check the adapter and cables for any visible damage. Do not proceed if damage is found.
3. **Connect AC Cable:** Plug the 2-prong AC input cable into the adapter's AC input port.
4. **Connect DC Cable:** Connect the 3-prong DC output cable to the charging port of your compatible 48V Li-ion battery or device. Ensure the connection is secure and correctly oriented.
5. **Plug into Wall Outlet:** Insert the AC plug into a standard wall power outlet (100-240V AC).



Figure 4.1: Proper setup of the adapter connected to a power source and a device.

5. OPERATING INSTRUCTIONS

Once properly set up, the adapter will begin charging your device. Observe the indicator light on the adapter for charging status:

- **Red Light:** Indicates the battery is currently charging.
- **Green Light:** Indicates the battery is fully charged or the adapter is connected to power but not charging a device.

Always disconnect the adapter from the device once charging is complete to prolong battery life and ensure safety.

6. MAINTENANCE

- **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 solvents.

- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use. Avoid wrapping cables too tightly to prevent damage.
- **Inspection:** Periodically check the cables and connectors for any signs of wear, cuts, or bends. Replace the adapter if any damage is observed.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Adapter not charging / No indicator light	No power from outlet; Loose connection; Damaged adapter/cable	Check wall outlet with another device; Ensure all connections are secure; Inspect adapter and cables for damage.
Charging light remains green when connected to device	Device already fully charged; Incorrect device connection; Device fault	Verify device battery status; Re-connect DC plug securely; Consult device manual for charging issues.
Adapter feels excessively hot	Poor ventilation; Overload; Internal fault	Ensure adapter is in a well-ventilated area; Disconnect and allow to cool; Do not use if overheating persists.

8. SPECIFICATIONS

Feature	Specification
Brand	onerbl
Model Number	FY1505462000
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	DC 54.6V
Output Current	2A (2000mA)
Power Source	Corded Electric
DC Connector Type	3-Prong
Compatibility	48V Li-ion batteries for Zero 8, Zero 9, Vsett 8, Vsett 8+, Vsett 9+ electric scooters

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the retailer or manufacturer's official website. Keep your purchase receipt as proof of purchase.