od003153-00b

NERIES 350W Controller Motorized Scooter User Manual

Model: od003153-00b | Brand: Generic

Introduction

This user manual provides comprehensive instructions for the installation, operation, and maintenance of the NERIES 350W Controller Motorized Scooter LCD DC Motor Regulator Turn Handle Adapter Kit. Please read this manual thoroughly before attempting any installation or operation to ensure proper function and safety.

Safety Information

Always prioritize safety when working with electrical components. Failure to follow these safety guidelines may result in injury or damage to the product or equipment.

- Ensure all power is disconnected from the scooter or bicycle before beginning installation.
- Verify all connections are secure and correctly wired according to the provided diagrams.
- Do not attempt to modify the controller or handle components.
- Keep the product away from water and extreme temperatures.
- If you are unsure about any installation step, consult a qualified professional.

Product Overview

The NERIES 350W Controller Kit is designed to regulate DC motors in electric scooters and bicycles, providing efficient power management and user control. The kit includes a robust controller unit and a multifunctional turn handle with an integrated LCD display.

Key Features:

- **Premium Material:** Constructed from durable metal for long-lasting service.
- **Intelligent Phase Recognition:** Ensures optimal motor performance.
- **Adjustable Brake:** Allows for customized braking response.
- **Multifunctional LED Turning Handle:** Displays electric quantity, speed, and gear.
- **Strong Dissipation:** Designed for efficient heat management.
- **Non-slip Handle Design:** Provides secure grip during operation.

Components Included:

- 1 x Controller Unit
- 1 x Multifunctional LED Turning Handle

- Associated Wiring and Connectors

Image: Overview of the NERIES 350W Controller Kit, showing the controller unit, the turn handle with LCD display, and various connecting wires.

Setup and Installation

The installation process involves connecting the controller unit and the turn handle to your electric scooter or bicycle's motor and power supply. Refer to the wiring diagram carefully.

Wiring Diagram:

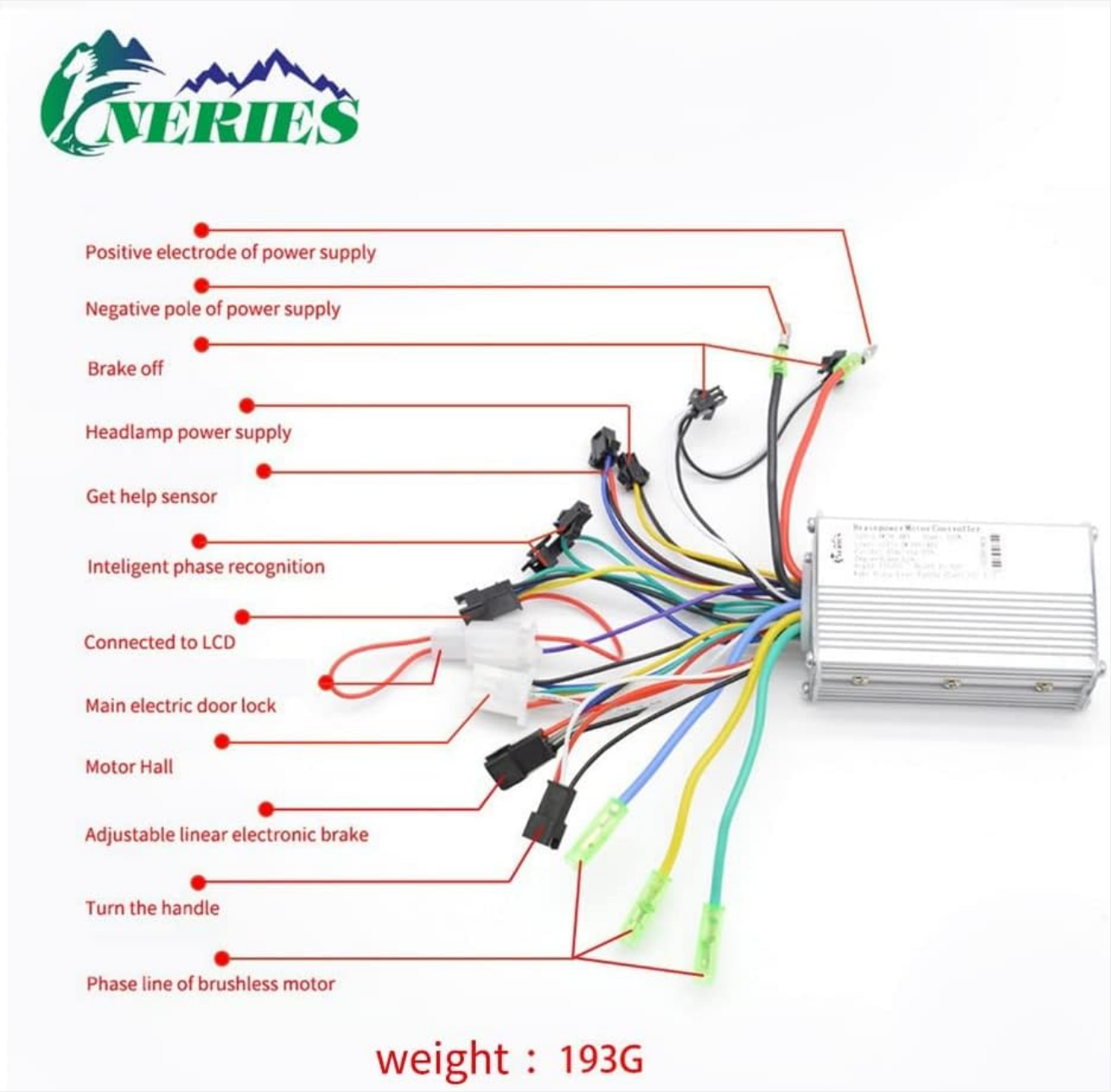


Image: Detailed wiring diagram for the controller unit, indicating connections for power supply, brake, headlamp, sensor, LCD, motor, and more.

1. **Power Supply:** Connect the positive electrode (red wire) and negative pole (black wire) of your power supply to the corresponding inputs on the controller.
2. **Motor Connection:** Connect the phase lines of the brushless motor to the controller's motor output.
3. **Turn Handle:** Connect the turn handle adapter to the designated port on the controller. This connection also powers the LCD display.
4. **Brake:** Connect the brake signal wire to the 'Brake off' input.
5. **Headlamp Power Supply:** If applicable, connect your headlamp to the dedicated power supply output.
6. **Get Help Sensor:** Connect the 'Get help sensor' wire if your system utilizes this feature.
7. **LCD Connection:** Ensure the LCD connection from the handle is securely plugged into the controller.
8. **Main Electric Door Lock:** Connect the main electric door lock wires.
9. **Motor Hall:** Connect the motor Hall sensor wires.
10. **Adjustable Linear Electronic Brake:** Connect the wires for the adjustable linear electronic brake.
11. Secure all connections and ensure no bare wires are exposed.
12. Mount the controller and handle securely on your scooter or bicycle.

Image: The main controller unit with its various wire harnesses, ready for connection.

Image: Close-up view of the turn handle and its electrical connector, highlighting the non-slip grip texture.

Operating Instructions

Once installed, the system is ready for operation. The turn handle serves as your primary interface for controlling the scooter/bicycle and monitoring its status.

Using the Turn Handle and LCD Display:

Image: The turn handle featuring the integrated LCD display, showing current speed, gear, and battery level indicators.

- **Power On/Off:** Typically, the system powers on when the main electric door lock is engaged. Refer to your scooter/bicycle's main power switch.
- **Speed Control:** Rotate the turn handle to adjust the motor's speed. A gentle rotation will provide smooth acceleration.
- **LCD Display:** The integrated LCD screen provides real-time information:
  - **Electric Quantity:** Indicates the remaining battery charge.
  - **Speed:** Displays the current speed of the scooter/bicycle.
  - **Gear:** Shows the current gear setting (if applicable to your system).
- **Braking:** Engage your scooter/bicycle's brake lever. The controller's adjustable brake feature will assist in smooth deceleration.

Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your NERIES controller kit.

- **Cleaning:** Keep the controller unit and turn handle clean and free from dust and debris. Use a soft, dry cloth. Avoid using harsh chemicals or excessive moisture.
- **Connections:** Periodically check all electrical connections to ensure they are secure and free from corrosion.
- **Cable Inspection:** Inspect all cables for any signs of wear, fraying, or damage. Replace damaged cables immediately.
- **Storage:** If storing the scooter/bicycle for an extended period, ensure the controller kit is kept in a dry, temperate environment.

Troubleshooting

If you encounter issues with your NERIES controller kit, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No power to controller/display	Loose power connection, discharged battery, faulty main switch.	Check all power connections. Ensure battery is charged. Verify main switch functionality.
Motor not responding to handle	Loose handle connection, faulty motor hall sensor, incorrect wiring.	Check turn handle and motor connections. Review wiring diagram for accuracy.
Inaccurate speed/battery display	Loose LCD connection, sensor issue.	Ensure LCD connection is secure. Check sensor wiring.
Erratic motor behavior	Loose motor phase lines, controller malfunction.	Verify motor phase line connections. If problem persists, contact seller for support.

If these steps do not resolve the issue, please contact the seller or a qualified technician for further assistance.

Specifications

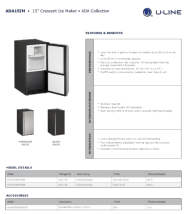
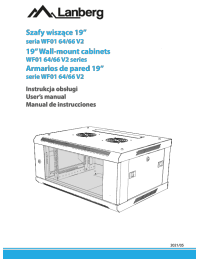
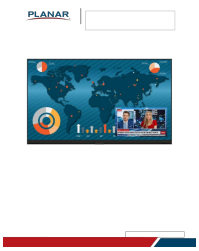
Brand	NERIES
Model	od003153-00b
Material	Metal
Color	Black
Handle Size (Approx.)	11.9x4.3x4.3cm / 4.68x1.69x1.69inch
Turn Handle Weight	263G
Controller Weight	193G
Origin	Mainland China
Certification	NONE
Manufacturer	DAVITU

Part Number	DVT-E9309F65862D5E0C27AC567DAE5AAA8F

Warranty and Support

For information regarding product warranty, returns, or technical support, please contact the seller directly through your purchase platform. Keep your purchase receipt or order number handy for faster service.

Related Documents - od003153-00b

	U-Line ADA15IM 15-Inch Crescent Ice Maker | ADA Collection | Specifications & Features Detailed product overview for the U-Line ADA15IM 15-inch Crescent Ice Maker from the ADA Collection. Features include 25 lbs daily ice production, 25 lbs storage, field reversible door, and built-in or freestanding installation. View complete specifications, dimensions, installation notes, and warranty information.
	Lanberg 19" Wall-Mount Cabinets WF01 64/66 V2 Series User Manual User manual for Lanberg 19" Wall-Mount Cabinets, WF01 64/66 V2 series. Provides detailed instructions for assembly, installation, safety precautions, and product specifications.
	NINA-B22x-02B with u-connectXpress 3.0 Production Information Note Information note from u-blox regarding the initial production of NINA-B22x-02B modules with u-connectXpress 3.0 software, including details on hardware updates, security fixes, and recommended customer actions.
	Planar UltraRes L Series RS232 User Manual This user manual provides comprehensive instructions and technical details for controlling Planar UltraRes L Series displays via RS232 communication. It covers setup, command protocols, error codes, and examples for seamless integration and operation.

	[i-STAT CG4+ Cartridge: Instructions for Use and Technical Information] Comprehensive guide to the Abbott i-STAT CG4+ Cartridge, detailing its intended use, measurement principles, performance data, specimen handling, and troubleshooting for point-of-care diagnostic testing.
	[Felicity Solar MPPT Charge Controller User Guide] Comprehensive user guide for the Felicity Solar MPPT charge controller, covering installation, operation, charging logic, troubleshooting, and specifications. Learn how to optimize solar energy harvesting and battery performance.