

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [ZVGREEN](#) /

› [ZVGREEN XL-4L Heavy-Duty Four-Wheel Mobility Scooter User Manual](#)

ZVGREEN XL-4L

ZVGREEN XL-4L Heavy-Duty Four-Wheel Mobility Scooter User Manual

Model: XL-4L

1. INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your ZVGREEN XL-4L Heavy-Duty Four-Wheel Mobility Scooter. Please read this manual thoroughly before operating the scooter to ensure proper use and to maximize its lifespan. Keep this manual for future reference.



Image 1.1: The ZVGREEN XL-4L Heavy-Duty Four-Wheel Mobility Scooter.

2. SAFETY GUIDELINES

Your safety is paramount. Adhere to all safety instructions to prevent injury or damage.

- Always wear appropriate safety gear, including a helmet, if local regulations require.
- Ensure the scooter is fully charged before each use to avoid unexpected power loss.
- Familiarize yourself with all controls, including the throttle, brakes, and emergency stop features, before riding.
- Do not exceed the maximum weight capacity of 500 lbs.
- Operate the scooter at a safe speed, especially in crowded areas or on uneven terrain.
- Use the LED lighting system (headlight, brake lights, turn signals) for visibility, especially during low-light conditions.
- Always check your surroundings using the dual rear-view mirrors before changing direction or backing up.
- Avoid operating the scooter under the influence of alcohol or medication that may impair your judgment.
- Regularly inspect tires, brakes, and battery connections for wear or damage.



Image 2.1: Key safety and structural components of the scooter.

3. PRODUCT OVERVIEW

The ZVGREEN XL-4L is a heavy-duty four-wheel mobility scooter designed for enhanced comfort and reliable performance. It features a powerful motor, long-range battery, and comprehensive safety features.

Key Features:

- **Powerful Motor:** 800W brushless motor, capable of speeds up to 15 mph and conquering 20° inclines.
- **Extended Range:** 60V20Ah lead-acid battery provides up to 31 miles per charge.
- **High Weight Capacity:** Supports up to 500 lbs.
- **Comprehensive Lighting:** Full LED lighting system including directional signals, brake lights, and a powerful headlight.
- **Enhanced Visibility:** Dual rear-view mirrors for improved situational awareness.
- **Comfortable Seating:** Captain seat with adjustable backrest, headrest, armrests, and seat position (forward/backward).
- **All-Terrain Tires:** 3.00-10 tubeless tires (16-inch length) suitable for grass, roads, parks, and

beaches.

- **Ample Storage:** Front compartment with cup holder and hook, discreet under-seat storage, and a spacious enclosed rear trunk with key lock.
- **Intuitive Controls:** User-friendly control panel with LED Light Switch, High-Low Beam, Turn Signal Switch, USB Charging Port, Throttle, and Three-Speed Gear.



Mobility Scooter

800W POWERFUL MOTOR

			
Weight Capacity	Max Speed	Max Range	Climbing Ability
500lbs	15 MPH	31 Miles	20°

Image 3.1: Performance highlights of the ZVGREEN XL-4L scooter.



01/03

Front Compartment

Convenient mobility scooter features ① a cup holder, ② hook, and ③ compartment near the keyhole, offering practical storage solutions for personal belongings.

02/03

Under Seat Storage

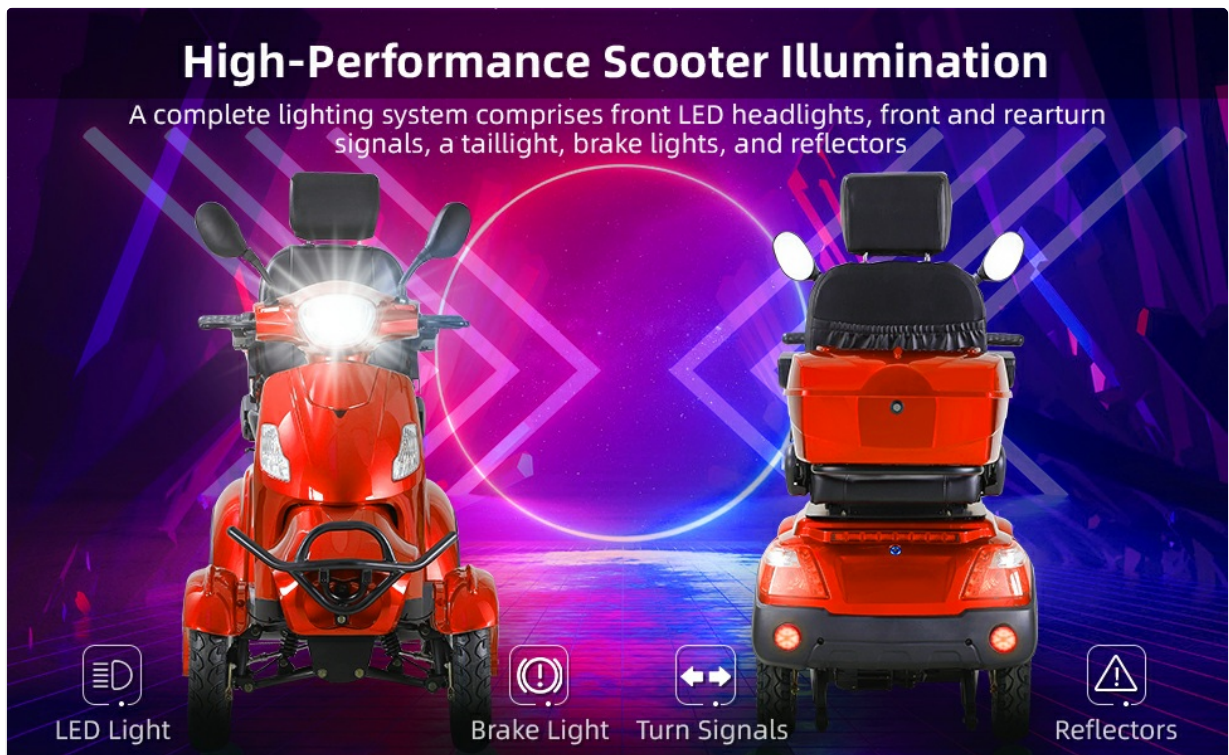
Convenient and discreet storage space beneath the seat of mobility scooters, ideal for larger or flat items.

03/03

Rear Trunk

This design provides larger storage space, suitable for storing more items or larger objects.

Image 3.2: Overview of the scooter's storage solutions.



High-Performance Scooter Illumination

A complete lighting system comprises front LED headlights, front and rear turn signals, a taillight, brake lights, and reflectors

LED Light

Brake Light

Turn Signals

Reflectors

4. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are included:

- ZVGREEN XL-4L Mobility Scooter (main unit)
- User Manual (this document)
- Rearview Mirrors (2)
- Battery Charger
- Keys & Alarm Remote

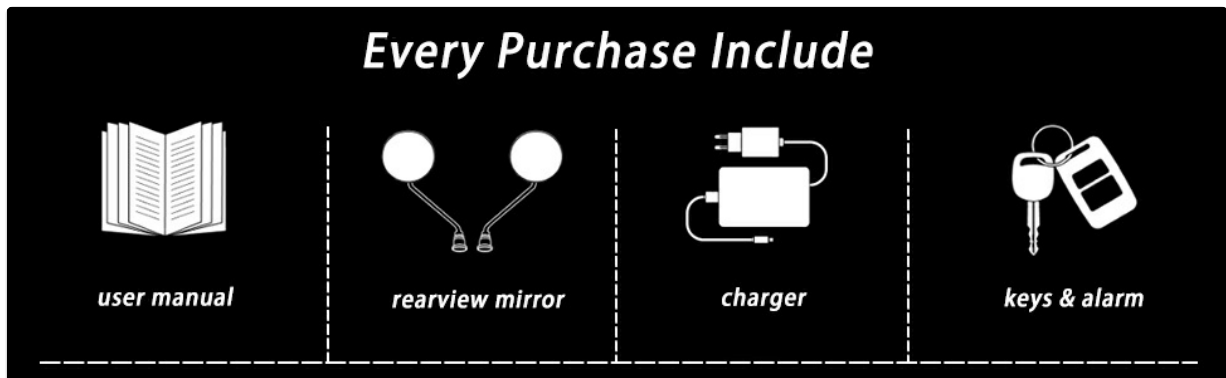


Image 4.1: Items included with your purchase.

5. ASSEMBLY AND SETUP

Your ZVGREEN XL-4L scooter requires minimal assembly. Follow these steps to prepare your scooter for first use:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging materials for potential future transport or returns.
2. **Install Rearview Mirrors:** Securely attach the rearview mirrors to the designated slots on the handlebars. Ensure they are tightened and adjusted for optimal rear visibility.
3. **Initial Battery Charge:** Before first use, fully charge the scooter's battery. Connect the charger to the scooter's charging port and then to a standard electrical outlet. The charging indicator will show when charging is complete. Refer to Section 7 for detailed battery care.
4. **Seat Adjustment:** Adjust the captain seat for your comfort and safety.
 - **Backrest Adjustment:** Use the lever or knob to recline or straighten the backrest.
 - **Headrest Adjustment:** Raise or lower the headrest to support your head comfortably.
 - **Armrest Adjustment:** Adjust the height and angle of the armrests for proper support.
 - **Seat Forward/Backward Adjustment:** Slide the seat forward or backward to ensure comfortable access to controls and pedals.
5. **Pre-Ride Check:** Before your first ride, perform a quick check: ensure tires are properly inflated, brakes are functional, and all connections are secure.

Your Comfort, Your Way!

Premium Mobility Scooter Captain Seat
with Extensive Customization



**Backrest
Adjustment**



Safety Belt



**Headrest
Adjustment**



**Armrest
Adjustment**



**Seat Forward
Backward
Adjustment**

Image 5.1: Customization options for the captain seat.

6. OPERATING YOUR SCOOTER

Familiarize yourself with the controls and operating procedures before driving.

6.1 Control Panel Overview

Intuitively Operated Scooter

With a straightforward handlebar steering mechanism and easy-to-reach controls



Image 6.1: Detailed view of the scooter's control panel.

- **LED Light Switch:** Turns the main headlight and other LED lights on/off.
- **High-Low Beam:** Toggles between high and low beam for the headlight.
- **Rear Brake Lever:** Engages the rear brakes.
- **Turn Signal Switch:** Activates left or right turn signals.
- **Horn:** Sounds the horn for warning.
- **Throttle:** Controls the speed of the scooter. Twist or press to accelerate.
- **Three-Speed Gear:** Allows selection of different speed modes (e.g., low, medium, high) for varying terrains and preferences.
- **Reverse Button:** Engages reverse gear for backing up.
- **USB Charging Port:** For charging mobile devices.

6.2 Starting and Driving

1. **Power On:** Insert the key into the ignition and turn it to the 'ON' position.
2. **Select Speed:** Choose your desired speed setting using the Three-Speed Gear switch.
3. **Engage Throttle:** Gently apply the throttle to begin moving. Increase pressure for more speed.
4. **Steering:** Use the handlebars to steer the scooter.

5. **Braking:** Release the throttle and gently squeeze the brake levers to slow down or stop.
6. **Turning:** Use the turn signal switch to indicate your direction before turning.
7. **Reversing:** Press the Reverse Button and gently apply the throttle to move backward. Exercise extreme caution when reversing.

6.3 Driving on Varied Terrain

The XL-4L is designed to handle various terrains, including roads, grass, muddy paths, and pebbled surfaces. Adjust your speed and caution according to the terrain conditions.



Image 6.2: The scooter's capability on diverse surfaces.

7. BATTERY CARE AND CHARGING

Proper battery care ensures optimal performance and longevity.

- **Charging:** Always use the provided ZVGREEN charger. Connect the charger to the scooter's charging port first, then plug it into a standard wall outlet.
- **Charging Time:** Allow sufficient time for a full charge, typically several hours. Do not overcharge.
- **Storage:** If storing the scooter for an extended period, ensure the battery is fully charged and disconnect it if possible. Recharge the battery every 1-2 months to prevent deep discharge.
- **Temperature:** Charge and store the battery in a cool, dry place, away from extreme temperatures.
- **Disposal:** Dispose of old batteries according to local regulations. Do not discard with household waste.

8. MAINTENANCE AND STORAGE

Regular maintenance helps keep your scooter in excellent condition.

8.1 Routine Maintenance

- **Tires:** Check tire pressure regularly. Maintain recommended pressure for optimal ride quality and battery efficiency. Inspect for wear or damage.
- **Brakes:** Test brakes before each ride to ensure they are responsive and effective. Adjust or replace brake components as needed.
- **Cleaning:** Clean the scooter with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Fasteners:** Periodically check all nuts, bolts, and fasteners to ensure they are tight.
- **Electrical Connections:** Ensure all electrical connections are secure and free from corrosion.

8.2 Storage

- Store the scooter in a dry, sheltered area to protect it from weather elements.
- If storing for an extended period, ensure the battery is fully charged and maintained as per Section 7.
- Cover the scooter to protect it from dust and debris.

9. TROUBLESHOOTING

This section addresses common issues you might encounter with your ZVGREEN XL-4L scooter.

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is discharged; Key not in 'ON' position; Loose battery connection.	Charge the battery; Ensure key is turned to 'ON'; Check battery terminals for secure connection.
Reduced range or power.	Battery not fully charged; Old or damaged battery; Low tire pressure.	Fully charge the battery; Consider battery replacement if old; Inflate tires to recommended pressure.
Brakes feel weak.	Brake pads worn; Brake cable loose.	Inspect and replace brake pads; Adjust brake cable tension.
Unusual noises during operation.	Loose components; Motor issue; Wheel bearing issue.	Check all fasteners; Contact customer support if noise persists.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact ZVGREEN customer support.

10. SPECIFICATIONS

Detailed technical specifications for the ZVGREEN XL-4L Mobility Scooter:

Feature	Specification
Model	XL-4L
Motor Power	800W Brushless

Feature	Specification
Max Speed	15 mph (24 km/h)
Battery Type	60V20Ah Lead Acid
Max Range	Up to 31 miles (50 km)
Weight Capacity	500 lbs (227 kg)
Climbing Ability	20° Incline
Tire Size	3.00-10 Tubeless (16 inch length)
Product Dimensions (L x W x H)	66.5" x 54.3" x 27.2" (169 cm x 138 cm x 69 cm)
Seat Dimensions (W x D)	17.7" x 17.7" (45 cm x 45 cm)
Ground Clearance	5" (12.7 cm)
Seat-to-Pedal Height	18.5" (47 cm)
Material	Metal, Rubber
Manufacturer	ZVGREEN

Heavy-duty Mobility Scooter

Boasts a robust design with generous dimensions, providing stability and comfort with enhanced weight capacity.



Image 10.1: Key dimensions of the scooter.

11. WARRANTY AND CUSTOMER SUPPORT

ZVGREEN is committed to providing reliable products and excellent customer service.

11.1 Warranty Information

Please refer to the warranty card included with your purchase for specific terms and conditions regarding your ZVGREEN XL-4L Mobility Scooter. The warranty typically covers manufacturing defects for a specified period from the date of purchase. Keep your proof of purchase for warranty claims.

11.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact ZVGREEN customer support. Contact information can usually be found on the product packaging, warranty card, or the official ZVGREEN website.

Return Policy: The product typically includes a 30-day easy return policy. Please check the specific return policy at the point of purchase for details.

