

WINDHORSE C3

WINDHORSE C3 Electric Scooter User Manual

Model: C3 | Brand: WINDHORSE

1. IMPORTANT SAFETY INFORMATION

Before operating your WINDHORSE C3 Electric Scooter, please read and understand all safety instructions. Failure to follow these instructions may result in serious injury or damage to the scooter.

1.1 General Safety Guidelines

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads, gloves) when riding.
- Ensure all components are securely fastened and in good working order before each ride.
- Do not ride in wet conditions, on slippery surfaces, or in heavy traffic.
- Adhere to local traffic laws and regulations.
- Avoid riding under the influence of alcohol or drugs.
- The scooter is designed for adults. Supervise minors if they are permitted to use it.

1.2 Battery and Charging Safety

- Charge your scooter fully before its first use.
- Use only the provided charger.
- A red light on the charger indicates charging; a green light indicates fully charged or a connection issue. If the light is green but the battery is not full, check the charging port connection.
- Do not leave the scooter charging unattended for extended periods.
- Keep the charging port dry and free from debris.

2. SETUP AND ASSEMBLY

Your WINDHORSE C3 Electric Scooter comes partially assembled. Follow these steps to complete the setup and prepare for your first ride.

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Inspect for any damage during transit. Ensure all parts listed in the 'What's Included' section are present.

WHAT'S INCLUDED IN THE PACKAGE?



Adapter*1



AC Line*1



Reflector *1



Footrest*4



Manual*1



Basket *1



Figure 2.1: What's Included in the Package. The image displays the main scooter unit, an adapter, AC line, reflector, footrests, user manual, and a basket, all neatly arranged next to the product box.

2.2 Handlebar Assembly

The handlebar stem is foldable for compact storage. To raise it, hold the folding handle firmly and swing the handlebar upwards until the down tube connects to the frame tube. Push the quick release lever towards the tube until it locks securely.

Video 2.2: Windhorse C3 Assembly Video. This video demonstrates the process of unfolding and securing the handlebar stem, as well as installing the rear seat backrest.

2.3 Installing the Rear Seat Backrest

To install the passenger backrest, first remove the rear seat by sliding it backward after unscrewing the Allen bolt located

underneath. Once the seat is removed, align the backrest with the mounting spots on the rear rack. Secure it using the provided fasteners and tools. There are multiple positions for forward and backward adjustment to suit passenger comfort.



Figure 2.3: Adjustable Seat and Handlebar. The image illustrates the adjustable seat and handlebar mechanisms, allowing riders between 4.8 and 5.9 feet to customize their riding position.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your WINDHORSE C3 Electric Scooter.

REMOVABLE CARGO BASKET

DETACHABLE LARGE STORAGE BASKET IN THE MIDDLE



Figure 3.1: Removable Cargo Basket and Scooter Components. This diagram labels various parts of the scooter, including the LCD display, adjustable handlebar, headlight, dual disc brake, built-in battery, 500W hub motor, child seat, rear seat backrest, and the detachable cargo basket.

- **Handlebar:** Features controls for acceleration, braking, and the LCD display.
- **LCD Display:** Shows essential riding information.
- **Headlight & Tail Light:** For visibility and safety.
- **Dual Disc Brakes:** Front and rear mechanical disc brakes for effective stopping power.
- **Dual Suspension:** Front and rear shock absorbers for a comfortable ride.
- **14-inch Tires:** Wide pneumatic tires for stability and shock absorption.
- **500W Brushless Hub Motor (850W Peak):** Provides powerful propulsion.
- **48V 480Wh Battery:** Powers the scooter for extended range.
- **Main Seat & Rear Passenger Seat:** Cushioned seats for rider and passenger comfort.
- **Cargo Basket:** Detachable basket for carrying items.

4. OPERATING INSTRUCTIONS

Learn how to operate your WINDHORSE C3 Electric Scooter safely and efficiently.

4.1 Powering On/Off and Riding Modes

Insert the key into the ignition and turn it to the 'ON' position to power on the scooter. The LCD display will illuminate. The scooter features three speed modes:

- **Mode 1:** Up to 9.3 mph (15 km/h)
- **Mode 2:** Up to 15.5 mph (25 km/h)
- **Mode 3:** Up to 20 mph (32 km/h)

Use the mode button on the handlebar to switch between these settings. The scooter also includes cruise control for maintaining a steady speed during longer rides, reducing rider fatigue.



Figure 4.1: Three Speed Modes. The image highlights the three distinct speed modes available on the scooter, allowing riders to select their preferred pace.

4.2 LCD Display Functions

The multi-functional LCD display provides real-time information:

- Battery power level
- Real-time speed (mph)
- Total/single mileage
- Battery voltage
- Selected speed mode



Figure 4.2: Clear Real-Time State LCD Display. This graphic emphasizes the comprehensive information provided by the scooter's LCD display, including battery level, speed, mileage, and selected gear.

5. FEATURES AND PERFORMANCE

The WINDHORSE C3 Electric Scooter is designed for a powerful, comfortable, and versatile riding experience.

5.1 Powerful Motor and Extended Range

- **Motor:** 500W brushless hub motor with 850W peak power.
- **Top Speed:** Up to 22 MPH.
- **Climbing Ability:** Effortlessly tackles inclines up to 15°.
- **Battery:** 48V 480Wh for long-lasting rides.
- **Max Range:** Up to 25 miles on a single charge.
- **Charging Time:** Approximately 4-5 hours for a full charge.



Figure 5.1: 850W Peak Hub Brushless Motor. This image details the powerful motor specifications, including its continuous and peak wattage, and its ability to handle inclines.



Figure 5.2: Large Capacity Battery. The image emphasizes the scooter's battery capacity and range, indicating 25 miles max range, 4-5 hours charge time, and 480Wh battery.

5.2 Superior Comfort and Stability

- **Dual Suspension:** Front and rear shock absorbers effectively absorb bumps and uneven terrain.
- **14-inch Wide Tires:** Provide excellent grip, stability, and additional shock absorption.
- **Cushioned Seats:** Adjustable main seat and rear passenger seat offer enhanced comfort for all riders.

COMFORT OVER 99% OF E-SCOOTER



Figure 5.3: Comfort Features. This graphic illustrates the scooter's comfort elements, including front and rear shock absorbers, a cushioned saddle, and 14-inch tires.

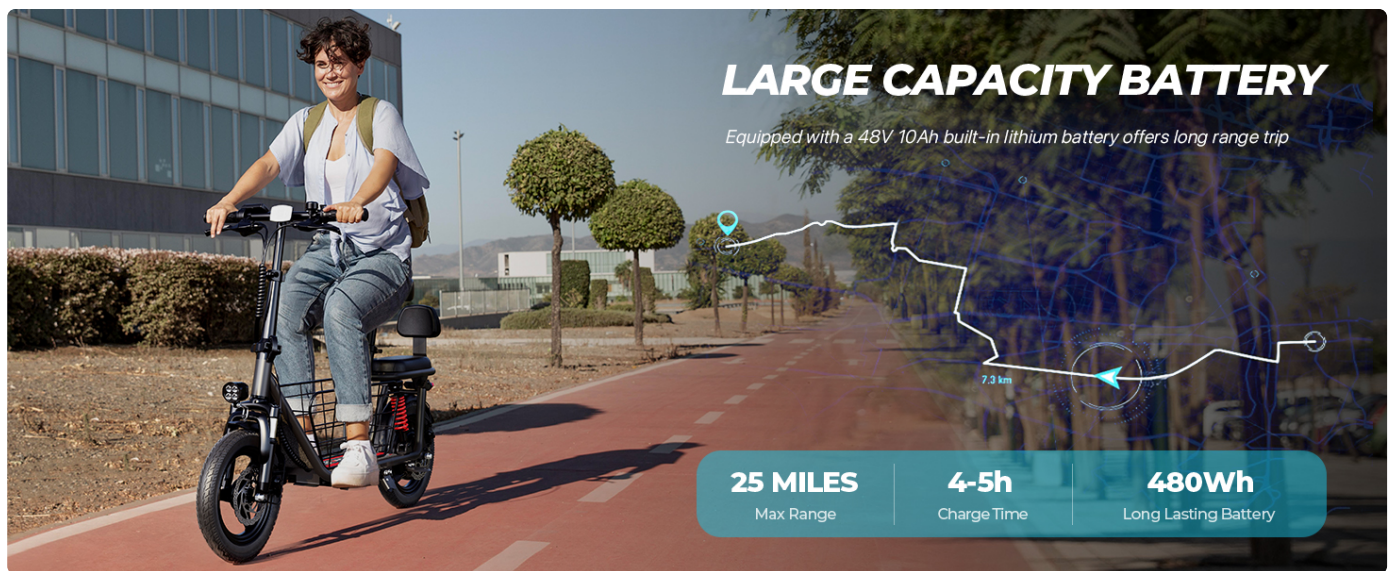


Figure 5.4: Full Suspension System. The image provides detailed views of the front and rear shock absorbers and the cushioned saddle, showcasing the scooter's comprehensive suspension for a smooth ride.

5.3 Versatile and User-Friendly Design

- **Detachable Cargo Basket:** Conveniently located in the middle for transporting groceries, pets, or other essentials.
- **Passenger Seating:** Includes a rear seat with an optional backrest, supporting up to 55 lbs, suitable for a child or small passenger.
- **Foldable Handlebar:** Allows for easy storage and transport.
- **High Load Capacity:** Supports a maximum load of 330 lbs.



Figure 5.5: Removable Basket. This image demonstrates the detachable large storage basket located in the middle of the scooter, highlighting its convenience for carrying items.



Figure 5.6: 2-Seats Electric Scooter. The image depicts the scooter's capability to carry a passenger, making it convenient for various uses like commuting or family outings.

Video 5.7: Windhorse E-Scooter with Seat. This video showcases the scooter's design with a seat, highlighting its practical use for carrying a passenger.

5.4 Advanced Safety Features

- **Dual Disc Brakes:** Front and rear mechanical disc brakes provide reliable and responsive stopping power.
- **Bright LED Lights:** Front headlight and rear tail light ensure enhanced visibility, especially during night rides. The tail light also functions as a brake light.
- **Loud Horn:** For alerting others to your presence.



Figure 5.8: Front and Rear Disc Brakes. The image illustrates the effectiveness of the scooter's dual disc brake system for stable and controlled stops.

ADJUST SEAT AND HANDLEBAR

The adjustable seat and handlebars easily accommodate riders of 4.8-5.9FT heights

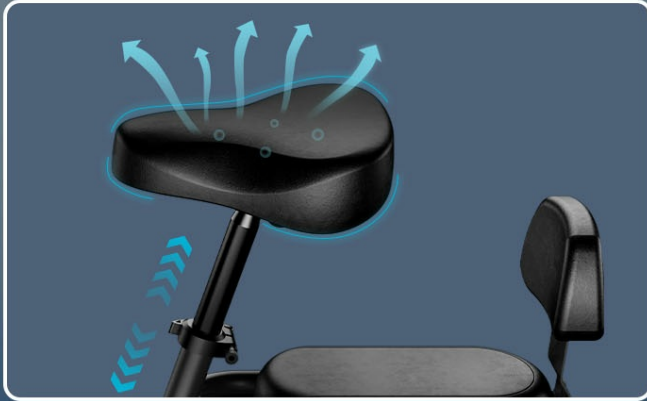


Figure 5.9: Night Riding Visibility. This image highlights the bright headlights and rear lights, ensuring safety and visibility when riding the scooter at night.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your scooter.

- **Tire Pressure:** Check tire pressure regularly and inflate to the recommended PSI (indicated on the tire sidewall).
- **Brakes:** Periodically inspect brake pads and cables for wear and proper function. Adjust or replace as needed.
- **Battery Care:** Store the scooter in a cool, dry place. Avoid fully depleting the battery and charge it regularly, even when not in use, to maintain battery health.
- **Cleaning:** Wipe down the scooter with a damp cloth. Do not use high-pressure water or immerse electrical components.
- **Fasteners:** Check all bolts and screws periodically to ensure they are tight.

7. TROUBLESHOOTING

If you encounter issues with your scooter, refer to this section for common problems and solutions.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; loose battery connection; faulty ignition.	Charge battery; check battery connections; contact support.
Motor not engaging	Throttle issue; brake lever engaged; motor connection issue.	Check throttle; ensure brake levers are released; inspect motor connections.
Brakes feel weak	Worn brake pads; loose brake cable; air in hydraulic system (if applicable).	Adjust brake cable tension; replace brake pads; consult a technician.

Problem	Possible Cause	Solution
Reduced range/power	Low tire pressure; aging battery; riding conditions (hills, heavy load).	Inflate tires; consider battery replacement; adjust riding style.

8. SPECIFICATIONS

Feature	Detail
Brand	WINDHORSE
Model Name	C3
Motor	500W Brushless Hub Motor (850W Peak)
Battery	48V 480Wh (Li-ion)
Max Speed	22 MPH
Max Range	25 Miles
Charging Time	4-5 Hours
Weight Limit	330 Pounds
Wheel Size	14 Inches
Wheel Type	Pneumatic
Suspension Type	Dual Suspension
Brake Style	Front and Rear Disc Brakes
Frame Material	Aluminum Alloy Steel
Special Features	Adjustable Handlebar Height, Foldable, Rechargeable, Seat, Detachable Cargo Basket
Included Components	User Manual, Charger, Electric Scooter, Tool Kit

9. WARRANTY AND SUPPORT

9.1 Product Warranty

The WINDHORSE C3 Electric Scooter comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use. Please retain your original purchase receipt for warranty claims.

9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your scooter, please contact WINDHORSE customer support through the official website or the contact information provided in your purchase documentation.

Important: Please keep the original box for 30 days in case of return or warranty service.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

What should I do if I lost the key for my WINDHORSE C3 Electric Scooter?

The provided manual for the WINDHORSE C3 Electric Scooter does not contain information regarding what to do if the key is lost. Electric scooters like the WINDHORSE C3 typically use a key for ignition...

[Read full answer](#)