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› WINDHORSE R1 Pro Electric Scooter User Manual

WINDHORSE R1 Pro

WINDHORSE R1 Pro Electric Scooter User Manual

Model: R1 Pro

1. INTRODUCTION

Welcome to the user manual for your new WINDHORSE R1 Pro Electric Scooter. This manual provides essential information for the safe operation, maintenance, and care of your scooter. Please read it thoroughly before your first ride to ensure optimal performance and safety.

The WINDHORSE R1 Pro is a versatile and portable electric scooter designed for urban commuting and light cargo transport. It features a powerful motor, extended battery range, and a comfortable design with an adjustable seat and a rear cargo basket.



Image: The WINDHORSE R1 Pro Electric Scooter, showcasing its design with a front basket filled with groceries and a rear pet basket, highlighting its utility.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet and appropriate safety gear (knee pads, elbow pads) when riding.
- Familiarize yourself with local laws and regulations regarding electric scooter usage.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in heavy rain, snow, or icy conditions.

- Maintain a safe distance from other vehicles and pedestrians.
- The scooter is UL 2272 Certified, ensuring electrical safety standards are met.



Image: Close-up of the scooter's bright LED headlight and rear reflector, essential for safe night riding.

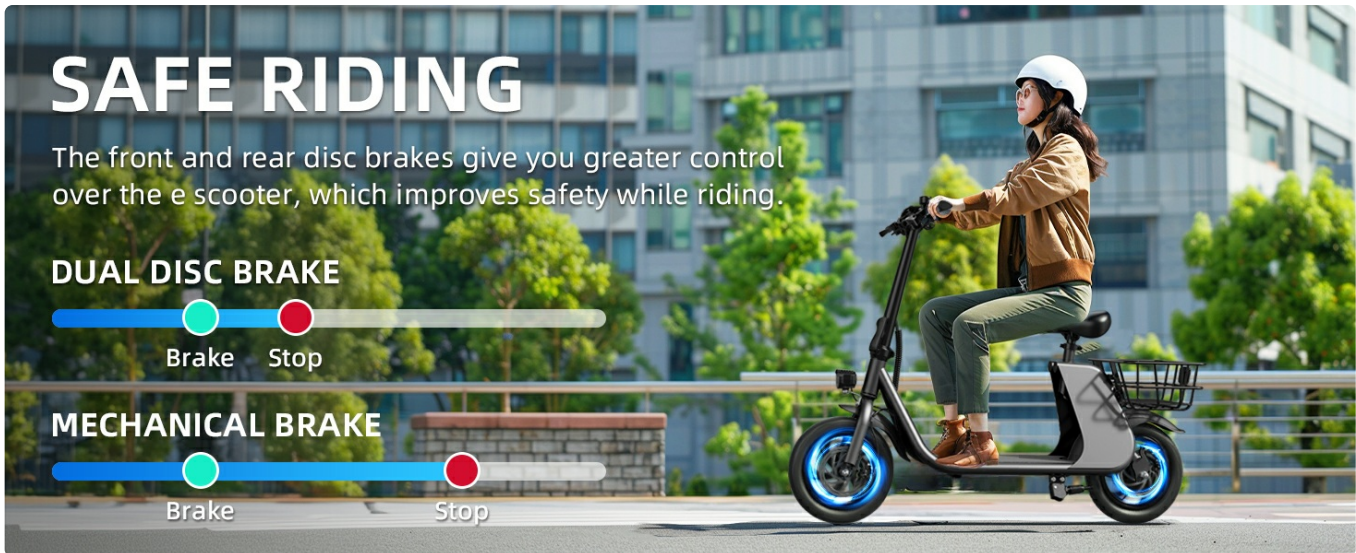


Image: Illustration demonstrating the effectiveness of dual disc brakes for enhanced stopping power and safety compared to mechanical brakes.

3. PRODUCT OVERVIEW

3.1 Key Features

- **Portable & Folding Design:** 12.5-inch wheel size with a foldable frame for easy storage and transport.
- **Powerful Performance:** 450W high-speed motor (672W peak power) for a top speed of 20mph.
- **Extended Range Battery:** 288Wh battery offering up to 20 miles on a single charge.
- **Adjustable Comfort Seat:** Accommodates riders from 5'25" to 6'23" with a max load capacity of 265lbs.
- **Dual Disc Brakes:** Front and rear disc brakes for reliable stopping power.
- **Integrated Lighting:** Bright LED headlight and responsive reflectors for visibility.
- **Cargo Capacity:** Includes a rear cargo basket for carrying essentials.
- **User-Friendly Display:** LED battery display for easy monitoring.

3.2 Components Diagram



Image: Labeled diagram showing key components: Key Switch, Disc Brake, Adjustable Saddle, Rear Cargo Basket, Wide Footboard with Built-in Battery, and LED Headlight.

**AMPLE SPACE FOR YOU AND
YOUR PET, ENSURING A SMOOTH
RIDE TOGETHER**

7.87 inch
15 inch

Image: The scooter's wide footboard, illustrating ample space for the rider and potential for a pet or cargo.

REAR CARGO BASKET

Wide Rear Cargo Basket can store your daily necessities. You don't need to wear a heavy backpack when you ride.



Image: The scooter featuring its spacious rear cargo basket, designed for carrying daily necessities.

4. SETUP AND INITIAL ASSEMBLY

The WINDHORSE R1 Pro is designed for quick and easy setup. Most components come pre-assembled.

1. **Unpacking:** Carefully remove the scooter and all accessories from the packaging. Verify all included components: scooter, basket, user manual, charger, tool kit.
2. **Unfolding:**
 - Locate the folding mechanism on the main frame.
 - Release the locking mechanism and carefully unfold the scooter until it clicks into place.
 - Ensure all locking pins and levers are securely engaged before use.



Image: The scooter in its folded state, demonstrating how it easily fits into a car trunk for transport.

3. **Handlebar Adjustment:** Adjust the handlebar height to a comfortable position and secure it.
4. **Seat Installation/Adjustment:** Attach the seat post if not already installed, and adjust the seat height for comfortable riding. The adjustable seat fits riders from 5'25" to 6'23".
5. **Basket Attachment:** Securely attach the rear cargo basket using the provided hardware.
6. **Initial Charge:** Before your first ride, fully charge the battery. Refer to the "Charging the Battery" section for details.

5. OPERATING INSTRUCTIONS

5.1 Pre-Ride Checklist

- Check tire pressure.
- Verify brake functionality (front and rear).
- Ensure all quick releases and folding mechanisms are locked.
- Check battery level on the LED display.
- Confirm headlight and reflectors are clean and functional.

5.2 Starting and Riding

1. **Power On:** Insert the key into the key switch and turn it to the ON position. The LED battery indicator will light up.

High-brightness Battery Indicator

Easy to read battery level



Image: A rider's hand on the handlebar, showing the clear and bright battery indicator display.

2. **Acceleration:** Gently twist the throttle to accelerate. Start slowly to get a feel for the scooter's power.
3. **Braking:** Use the brake levers on the handlebars to slow down or stop. Apply both front and rear brakes simultaneously for balanced and effective stopping.
4. **Turning:** Lean into turns and use the handlebars for steering control.
5. **Speed Control:** The scooter can reach speeds up to 20mph. Adjust your speed according to traffic and road conditions.

5.3 Folding for Storage

To fold the scooter for storage or transport:

1. Ensure the scooter is powered off.
2. Locate the folding mechanism and release the safety latch.
3. Fold the handlebar stem down towards the deck until it locks into place.
4. The scooter's compact size (47.8"L x 21"W x 36.4"H unfolded) becomes significantly smaller when folded.

6. MAINTENANCE

6.1 Battery Care and Charging

- **Charging:** Connect the charger to the scooter's charging port and then to a power outlet. The charging time is approximately 3-4 hours for a full charge.



Image: An illustration showing the internal structure of the scooter's 36V 288Wh Li-ion battery, emphasizing its long-lasting capacity.

- **Battery Protection:** The battery features short circuit protection, overcurrent protection, temperature abnormal protection, and overcharge protection.
- **Storage:** If storing the scooter for an extended period, charge the battery to about 50-70% and recharge every 30-60 days to prevent deep discharge.

6.2 General Maintenance

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water or immerse the scooter in water.

- **Tires:** Regularly check tire pressure and inflate to the recommended PSI (refer to tire sidewall or specifications).
- **Brakes:** Periodically inspect brake pads and discs for wear. Adjust or replace as necessary.
- **Fasteners:** Ensure all screws and bolts are tight before each ride.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Power switch off; Loose connection	Charge battery; Turn on power switch; Check all connections
Reduced range or speed	Under-inflated tires; Overload; Battery degradation	Inflate tires to correct pressure; Reduce load; Contact support if battery issue persists
Brakes feel weak	Worn brake pads; Loose brake cable; Disc misalignment	Inspect and replace brake pads; Adjust brake cable tension; Consult a technician for disc issues
Unusual noises during operation	Loose components; Debris in wheels/motor	Check all fasteners; Inspect wheels and motor for obstructions; Contact support if noise persists

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

8. SPECIFICATIONS

Feature	Detail
Brand	WINDHORSE
Model Name	R1 Pro
Color	BLK
Age Range (Description)	Adult
Special Feature	Disc, Foldable, Lightweight, Rechargeable, Waterproof
Weight Limit	265 Pounds
Product Dimensions (LxWxH)	47.8" x 21" x 36.4"
Number of Wheels	2
Wheel Material	Aluminum
Frame Material	Carbon Alloy
Handlebar Type	Fixed
Handle Height	21.5 Inches
Wheel Size	12.5 Inches
Wheel Type	Pneumatic
Suspension Type	Rigid
Grip Type	Non-slip

Feature	Detail
Brake Style	Front Braking, Rear Braking
Charging Time	4 Hours
Maximum Distance Range	20 Miles
Manufacturer	Shenzhen Wind Horse New Energy Technology Limited
Included Components	Basket, User Manual, charger, electric scooter, tool kit
UL Certification	UL2272 Certified

9. WARRANTY AND SUPPORT

WINDHORSE offers a **12-month warranty** (also stated as 1 year warranty) for the R1 Pro Electric Scooter from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. For warranty claims, technical support, or any inquiries regarding your scooter, please contact WINDHORSE customer service. Refer to the contact information provided with your purchase documentation or visit the official WINDHORSE website for support details.

Contact Information: Please refer to the contact details provided in your product packaging or visit the [WINDHORSE Store on Amazon](#) for further assistance.

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

I have a flat tire on my WINDHORSE R1 Pro electric scooter and have replaced the tire and inner tubes three times, but they will not hold air. What could be wrong with the back wheel, and what specific parts do I need to buy?

If you have replaced the inner tube multiple times and it continues to lose air immediately, the issue is likely not the tube itself but a problem with the wheel assembly or the installation...

[Read full answer](#)