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› WINDHORSE Electric Bike 22MPH & 35 Miles PAS Range, 14" Folding Ebike with Dual Suspension and Smart Uphill, 715W Peak Motor, Adjustable Seat, Commuting Electric Bicycle with Basket 330LBS Load User Manual

WINDHORSE W3

WINDHORSE Electric Bike W3 User Manual

Model: W3

Brand: WINDHORSE

INTRODUCTION

Welcome to the WINDHORSE Electric Bike W3 user manual. This guide provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride.



The WINDHORSE Electric Bike W3 is a compact and foldable e-bike designed for urban commuting and recreational use, featuring a convenient rear basket.

SETUP AND ASSEMBLY

Your WINDHORSE W3 Electric Bike comes mostly pre-assembled. Follow these steps to complete the setup:

Unboxing and Initial Setup

This video demonstrates the unboxing process of the WINDHORSE W3 Electric Bike, showing how the bike is securely

packaged and the initial removal of protective materials, as well as basic assembly steps like attaching the seat and pedals.

Handlebar and Seat Adjustment

The handlebars and seat post are designed for quick and easy installation and adjustment. Adjust the seat height to ensure a comfortable and safe riding position, allowing your feet to comfortably reach the ground when stopped.



EFFICIENT BATTERY

EQUIPPED WITH A 36V/8.0AH 288WH LITHIUM BATTERY

 35 MILES PEDAL-ASSIST MODE	 20 MILES ELECTRIC MODE	 4-5 HOURS FAST CHARGE	 288 WH CAPACITY
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The adjustable seat and foldable handlebar of the WINDHORSE W3 Electric Bike are designed for rider comfort and portability, accommodating various rider heights.

Pedal Installation

The pedals are marked 'L' for left and 'R' for right. Ensure you attach them to the correct crank arms. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Use the provided tool to securely fasten them.



The image shows the included pedals and basic tools for assembly, highlighting the left and right pedal markings for correct installation.

OPERATING YOUR E-BIKE

Powering On

Insert the key into the ignition located on the handlebar. Turn it once to activate the battery display. Turn it a second time to turn on the headlight for improved visibility.

WHAT'S INCLUDED IN THE PACKAGE?



Adapter*1



AC Line*1



Tools*1



Pedal*2



Manual*1



Reflector *1



The LED display shows the battery level, and the key ignition is used for powering on the bike and activating the headlight.

Riding Modes and Performance

The W3 offers two primary riding modes:

- **Electric-Only Mode:** Use the full-twist throttle on the handlebar for pure electric propulsion, reaching speeds up to 22 MPH.
- **Pedal-Assist System (PAS) Mode:** Pedal normally, and the motor will provide assistance, making pedaling easier and extending your range up to 35 miles.

This video showcases the WINDHORSE W3 Electric Bike in action, demonstrating its ease of use, 22 MPH top speed, and 20-35 mile range in various settings.

Speed Settings

The default factory speed setting is 15.5 MPH. To achieve a higher speed of up to 22 MPH, refer to the manual for

instructions on unlocking the speed limit. Always comply with local laws and regulations regarding e-bike speed limits.

KEY FEATURES

Powerful Motor

Equipped with a 500W brushless hub motor, the W3 can reach a top speed of 22 mph and climb 30-degree inclines with ease, with a peak power of 715W.



A close-up of the 715W peak motor and rear wheel, illustrating the powerful hub motor design.

Certified Lithium Battery

The 36V 288Wh lithium battery is UL 2849 certified, ensuring safety and reliability. It provides a range of up to 20 miles in electric-only mode and 35 miles in PAS mode. Charging time is approximately 4-5 hours.



715W

PEAK POWER



FULL

SUSPENSION



14"

PNEUMATIC TIRES



FOLDING

HANDLEBAR



BASKET

DETACHABLE



330LBS

MAX LOAD

A visual representation of the efficient 36V/8.0Ah 288Wh lithium battery, highlighting its range and fast charging capabilities.

Dual Suspension System

The dual suspension system (front fork and rear) provides a smooth and comfortable ride, absorbing shocks on various terrains, improving overall ride quality.

FULL SUSPENSION SYSTEM

PROVIDE SAFETY AND COMFORT ON BUMPY ROADS



A diagram illustrating the dual suspension system on the front and rear of the bike, designed for safety and comfort on bumpy roads.

Dual Disc Brakes

For reliable stopping power, the W3 features dual disc brakes on both the front and rear wheels, ensuring confident and safe braking in various conditions.

REAR BASKET & SAFETY LIGHT

STAY SAFE AND VISIBLE DURING NITHT



A close-up of the dual disc brakes, emphasizing their strong braking ability for enhanced safety.

Foldable Design

The bike's foldable handlebars and height-adjustable seat allow for minimal storage space and easy portability, making it ideal for urban commuting or travel.



DUAL DISC BRAKES



ADJUSTABLE SEAT



FRONT REFLECTOR

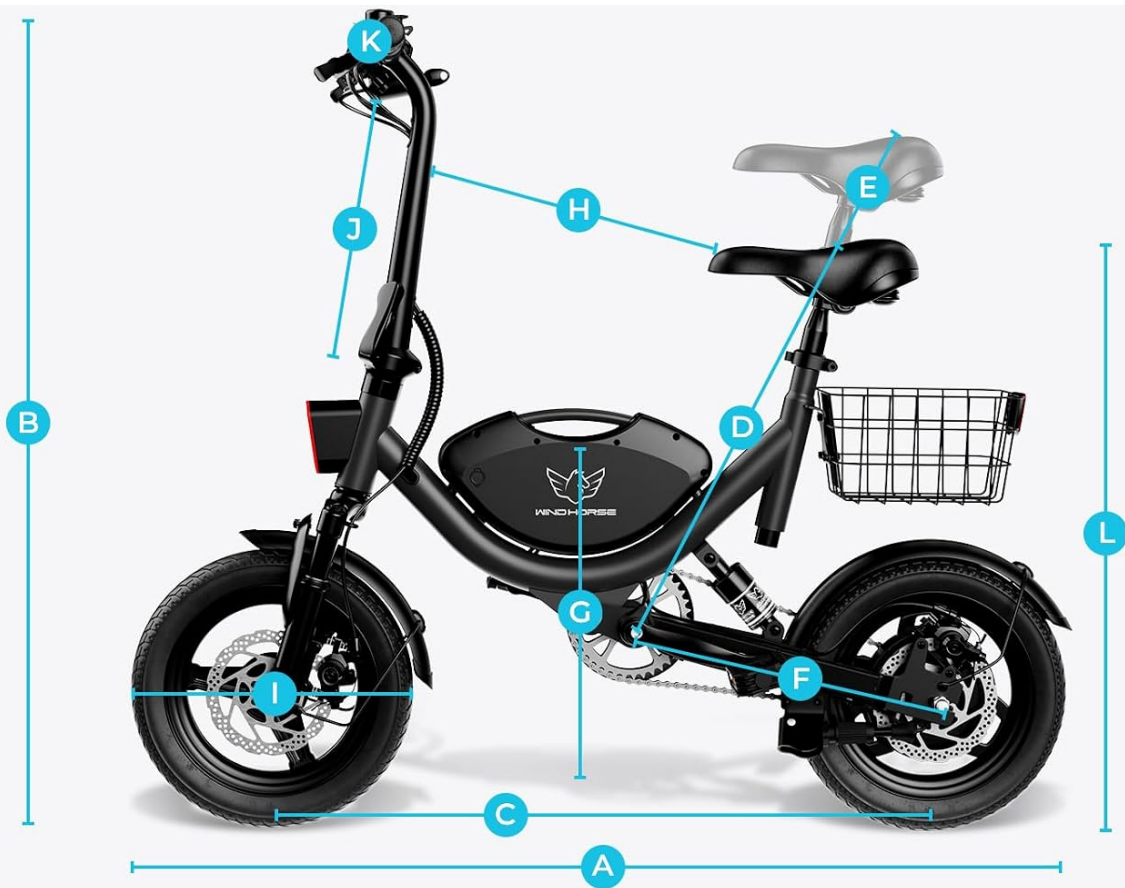


BRIGHT LIGHT

The compact, folded design of the WINDHORSE W3 Electric Bike, demonstrating its portability for transport in a car trunk.

Rear Basket & Safety Lights

A practical rear basket is included for carrying personal items or groceries. The bike is equipped with a bright headlight and rear reflector for enhanced visibility and safety, especially during night rides.



5.2-6.2FT
Recommended Height



Max 330lbs
Load Capacity



50.7lbs
Bicycle Weight

A. Total length	1200mm/47.24"
B. Handlebar height	1180mm/46.46"
C. Wheelbase	810mm/31.89"
D. Minimum seat height	660mm/25.98"
E. Maximum seat height	820mm/32.28"
F. Chain stay length	400mm/15.75"
G. Stand height	560mm/22.05"
H. Top tube length	600mm/23.62"
I. Wheel diameter	370mm/14.57"
J. Head tube length	450mm/17.72"
K. Handlebar length	510mm/20.08"
L. Minimum seat to floor	760mm/29.92"

The integrated rear basket and safety light, ensuring visibility and utility for daily use.

MAINTENANCE

Battery Care

To prolong battery life, charge it regularly and avoid fully draining it. Store the bike in a cool, dry place away from extreme temperatures.

Tire Pressure

Regularly check and maintain the recommended tire pressure for optimal performance, efficiency, and safety. Refer to the tire sidewall for recommended PSI.

Brake System

Inspect brake pads and discs periodically for wear. Ensure brake levers are responsive and provide adequate stopping power. Adjust or replace components as needed by a qualified technician.

General Cleaning

Clean the bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components to prevent damage.

TROUBLESHOOTING

No Power

Check if the key is fully inserted and turned to the 'ON' position. Ensure the battery is charged. If the issue persists, consult the full user manual or contact support.

Motor Not Engaging

Verify that the throttle is engaged or that you are pedaling in PAS mode. Check for any loose cable connections to the motor or controller. Ensure brake levers are not partially engaged.

Reduced Range

Battery performance can be affected by temperature, terrain, rider weight, and riding style. Ensure the battery is fully charged before each ride. Consider reducing throttle usage and relying more on pedal-assist for longer distances.

SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Age Range (Description)	Youth Adult Teen
Brand	WINDHORSE
Number of Speeds	1
Color	Black
Wheel Size	14 Inches
Frame Material	Carbon Steel
Suspension Type	Dual
Special Feature	Disc, Dual Suspension, Basket, Rechargeable, Adjustable Seat
Included Components	Reflectors, Manual, Basket, Tool Kit
Brake Style	Disc
Cartoon Character	Commuting Electric Bike, Short Women, Students Bike, Short-trip, Recreational needs, Go to School
Specific Uses For Product	School, Trail, Road, Gravel, Commuting
Theme	City Electric Bike, Campus Ebike, Commuting Ebike, Student Ebike
Style	urban Ebike
Model Name	W3

Feature	Detail
Power Source	Battery Powered
Wattage	500 watts
Wheel Material	Aluminum
Year	2024
Lithium Battery Energy Content	288 Watt Hours
Warranty Type	Limited
Maximum Weight Recommendation	330 Pounds
Assembly Required	Yes
Bicycle Gear Shifter Type	Twist Grip
Is Autographed	No
Number of Handles	1
Skill Level	Intermediate
Minimum User Height	5.2 Inches
Fender Material	Plastic
Bicycle Drivetrain Type	hub drive
Electric Assist Type	pedelec
Manufacturer	Dongguan Wind Horse New Energy Technology Limited
Package Weight	28 Kilograms
Brand Name	WINDHORSE
Number of Items	1
ASIN	B0DHRVQWV2
Customer Reviews	4.1 4.1 out of 5 stars 26 ratings 4.1 out of 5 stars
Best Sellers Rank	#107,987 in Sports & Outdoors (See Top 100 in Sports & Outdoors) #296 in Adult Electric Bicycles
Date First Available	September 23, 2024

WARRANTY AND SUPPORT

Warranty Information

The WINDHORSE Electric Bike W3 comes with a Limited Warranty. Please refer to the included manual for specific terms and conditions regarding coverage and duration.

Customer Support

For any inquiries, technical assistance, or support, please visit the official WINDHORSE website or contact customer service directly.

Official Store: [WINDHORSE Official Store on Amazon](#)

Contact Page: windhorse.com/pages/contact

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