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 - › WINDHORSE Moped Electric Bike for Adults with 1000W Motor, 60 Miles 20MPH 48V 18AH 20" Fat Tires Beach Cruiser Bike, Hydraulic Brake Dumping Power Outage Motorized Bicycles Grey User Manual

WINDHORSE electric bike

WINDHORSE Moped Electric Bike User Manual

Brand: WINDHORSE | Model: electric bike

1. SETUP

Unboxing and Initial Assembly

Upon receiving your WINDHORSE Moped Electric Bike, carefully remove all components from the packaging. The bike comes with a charger, charger cable, essential tools, and a manual. Ensure all parts are present before proceeding with assembly.

PACKING LIST



Charger



Charger Cable



Tools



Manual



Figure 1: Contents of the product package, including the bike, charger, tools, and manual.

Battery Installation and Charging

The 48V 18AH Lithium-Ion battery is removable for convenient charging. To charge, connect the charger to the battery and a power outlet. Charging typically takes 2-3 hours. For optimal battery life, ensure the battery is fully charged before the first use.

UPGRADED HIGH CAPACITY BATTERY



48V 18AH
LITHIUM-ION BATTERY



2-3 HOURS
CHARGING TIME



50-60 MILES
MAX RANGE



Figure 2: The high-capacity battery, which is removable for charging convenience.



Figure 3: The two available charging methods for the bike's battery.

2. OPERATING

Riding Modes and Gears

The WINDHORSE Moped Electric Bike offers three riding modes: pure bicycle mode, pedal assist mode (with 5 intensity levels), and pure electric mode. The 7-speed mechanical gearing system allows for sensitive shifting, making uphill rides easier. The intelligent AI algorithms automatically power down the bike in the event of tipping, enhancing safety.

7-GEARS

Satisfys all your speed needs for any terrain of biking.



HYDRAULIC DISK BRAKE

Ensures quick and smooth stops when riding fast.



ADAPTIVE HEADLIGHT

Allows you to ride safely in the evening.



INTEGRATED TAILLIGHT

Reminds passers-by to avoid in time, especially at night.



Figure 4: Key operational components including the 7-speed gear shifter and hydraulic brake lever.

Motor and Speed

Equipped with a 1000W geared hub motor, the bike can reach speeds of up to 20 MPH and handle 30° slopes. It also features cruise control, which activates when a constant throttle rate is maintained for 8 seconds.

1000W GEARED HUB MOTOR

7-SPEED

Shimano Gears

20 MPH

Top Speed

30° SLOPE

Up Hill

Figure 5: The powerful 1000W geared hub motor and its performance metrics.

Safety Features: Lights and Power Outage

Automatic UV sensing headlights turn on in dim light conditions, ensuring rider safety. The headlight is waterproof with double LED high power lights for a brighter field of view. Electronic taillights activate during braking. The bike also supports dumping power outage, automatically powering down if it tips over.

DUMPING POWER OUTAGE



Figure 6: The bike's intelligent dumping power outage feature for enhanced safety.

Your browser does not support the video tag.

Video 1: A rider demonstrating the WINDHORSE D3 Electric Bike's performance and features, including speed tests, pedal assist, and braking capabilities on various terrains.

3. MAINTENANCE

General Care

Regularly inspect your electric bike for any loose parts, wear and tear, or damage. Keep the bike clean and dry, especially the electrical components. Store the bike in a cool, dry place away from direct sunlight and extreme temperatures.

Tire and Suspension Care

The 20" fat tires are designed for various terrains and provide increased shock absorption. Regularly check tire pressure and inspect for punctures or damage. The adaptive damping system reduces shock based on rider weight and road conditions, enhancing ride comfort. Ensure the suspension components are clean and free from debris.

20" X 4" ANTI-SLIP FAT TIRE

Adapt To All Terrain



Figure 7: The durable 20" x 4" anti-slip fat tires, suitable for diverse terrains.

FULL SUSPENSION SYSTEM



The full suspension system provides a safe, balanced, fast and stable cycling experience even when you are going off-road.

Figure 8: The full suspension system, providing comfort and stability on various surfaces.

4. TROUBLESHOOTING

Common Issues and Solutions

- **Bike not powering on:** Check battery charge level and ensure it is properly seated. Verify all connections are secure.
- **Motor not assisting:** Ensure the bike is not in parking mode (P mode). Press the brakes to disengage parking mode. Check pedal assist level on the display.
- **Inaccurate speed display:** This may require adjusting the wheel diameter setting in the bike's smart display. Refer to customer support for advanced settings access.
- **Reduced range:** Ensure the battery is fully charged. Riding conditions (terrain, rider weight, temperature) can affect

range.

Frequently Asked Questions

- **How about the delivery time?** Our warehouse is located in California, after receiving your payment, we will ship your item just 1 working day. But the Express delivery time depends to distance, usually are 3-5 days.
- **How long is the service time of the e-bikes and e-scooters?**Our items come with a 12-month service time.
- **How about the customer and repair service?** We have professional customer and repair services located in the USA. After receiving your message, our service team will reply within 24 hours.

5. SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike
Age Range (Description)	Adult
Brand	WINDHORSE
Number of Speeds	7
Color	Grey
Wheel Size	20 Inches
Frame Material	Aluminum
Suspension Type	Dual
Special Feature	Hydraulic Disc Brake
Included Components	Tool Kit
Item Weight	61.7 Pounds
Maximum Weight Recommendation	330 Pounds

DIMENSION



5.25-6.23FT

Recommended Height



Max 330lbs

Load Capacity



61.7lbs

Bicycle Weight



20 Inches

Fat Tires

Figure 9: Detailed dimensions and weight specifications of the bike.

6. WARRANTY AND SUPPORT

The WINDHORSE Moped Electric Bike comes with a 12-month warranty. For any after-sales questions or support, please contact our professional after-sales team located in the USA. Our customer service team will reply within 24 hours of receiving your feedback.

Please note that our warehouse is located in California. Some remote areas, such as Hawaii and Alaska, may not include freight. If delivery to these remote areas is required, please contact customer service to discuss freight in advance.

For additional information, you may refer to the official [User Manual \(PDF\)](#).

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.

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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.

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