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› Bopzin 1000W Electric Bike (Model MF002) User Manual

Bopzin MF002

Bopzin 1000W Electric Bike (Model MF002) User Manual

Your guide to assembly, operation, and maintenance.

1. PRODUCT OVERVIEW

The Bopzin 1000W Electric Bike, Model MF002, is designed for versatile riding across various terrains including city roads, mountains, beaches, and commuting. It features a powerful motor, a removable battery, and a comfortable two-seater design.



The Bopzin 1000W Electric Bike, Model MF002, showcasing its overall design and features.

2. SETUP AND ASSEMBLY

Your Bopzin Electric Bike arrives approximately 90% pre-assembled. The following steps outline the completion of the assembly process.

2.1 Included Components

- E-BIKE (partially assembled)
- Charger
- Tool kits

- User manual
- LCD Smart Display
- Headlight
- Taillight
- Rear Seat

2.2 Assembly Steps

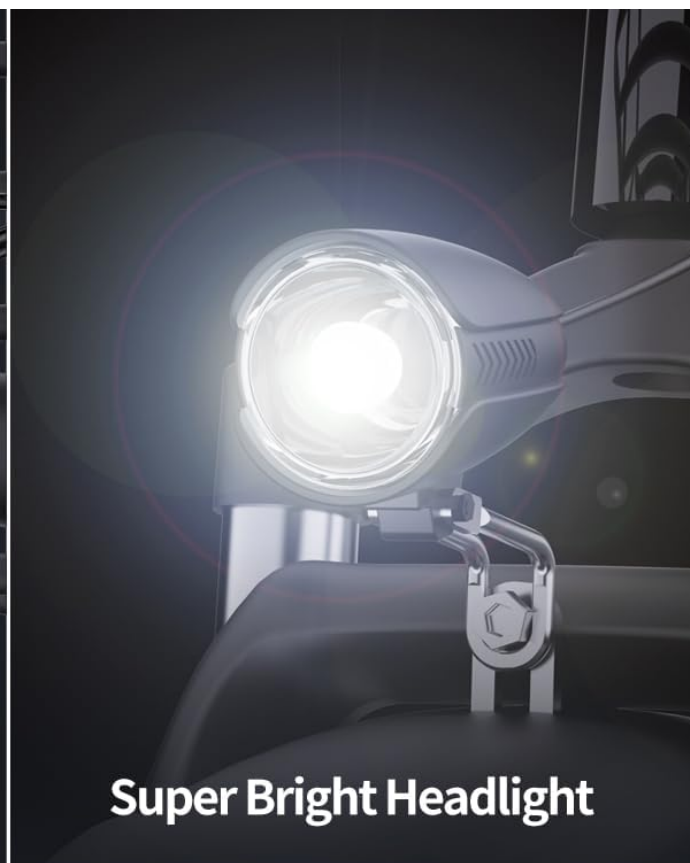
1. **Unboxing:** Carefully remove all components from the packaging.
2. **Front Wheel Installation:** Attach the front wheel to the fork using the quick-release mechanism or bolts provided. Ensure the brake rotor is correctly aligned with the caliper.
3. **Handlebar Attachment:** Secure the handlebars to the stem. Adjust the angle for comfortable riding.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread them into the crank arms. Note that the left pedal is reverse-threaded.
5. **Seat Post and Saddle:** Insert the seat post into the frame and adjust the saddle height. Tighten the quick-release lever or bolt.
6. **Rear Seat and Accessories:** Install the rear seat, backrest, and footrests if not already attached. Secure the front basket.
7. **Battery Installation:** Insert the removable 48V 15AH battery into its compartment and lock it securely.

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Official video demonstrating the unboxing and assembly process for the Bopzin Electric Bike.



Colorful LCD Display



Super Bright Headlight



20x4.0 Fat Tire



Ajustable Saddle

Key components of the Bopzin Electric Bike, including the LCD display, headlight, fat tire, and adjustable saddle, for identification during assembly.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

- To power on the bike, ensure the battery is securely installed and locked. Press and hold the power button on the LCD display.
- To power off, press and hold the power button again until the display turns off.

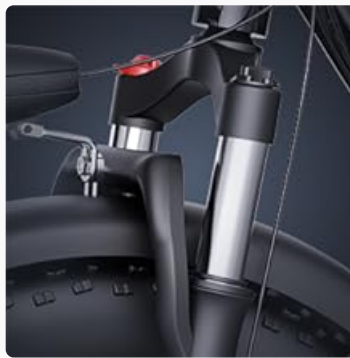
3.2 Riding Modes

The Bopzin Electric Bike offers three distinct riding modes:

- **Pure Electric Mode:** Engages the motor via the throttle without requiring pedal input. Provides a range of up to 30 miles.
- **Electric Assist Mode:** The motor provides assistance as you pedal. This mode extends the range up to 50 miles.
- **Pedal Mode:** Operates as a traditional bicycle, relying solely on pedal power with the motor disengaged.

3.3 Battery Usage and Charging

- The bike is equipped with a removable 48V 15AH lithium-ion battery.
- Charging time is approximately 4-6 hours using the provided 3A charger.
- The battery features BMS security protection for safe operation and charging.



The removable 48V 15AH lithium-ion battery, emphasizing its lockable design and easy removal for charging.

3.4 LCD Display

The advanced LCD display provides real-time metrics and allows for adjustable parameters. Key information includes speed, odometer, battery level, and riding mode.

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Official video showcasing the features and functions of the LCD display on the Bopzin Electric Bike.



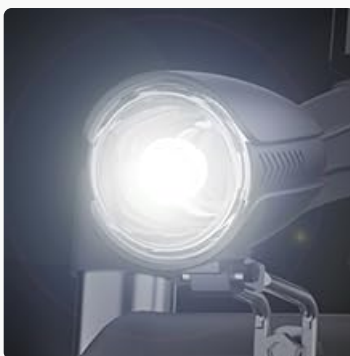
The advanced LCD display showing real-time metrics and adjustable parameters for an informed ride.

3.5 Safety Features

- Bright LED headlights and taillights ensure visibility.
- IP5 waterproof protection allows for safe riding in various weather conditions.
- Dual disc brakes provide reliable stopping power.
- Front suspension fork enhances control and comfort on rough terrains.



Close-up of the front suspension fork, designed for improved comfort and control on varied terrains.



The comfortable rear seat with backrest and footrest, designed for carrying a passenger, enhancing family time.



The durable 20x4.0 inch fat tire, suitable for various terrains including snow, beach, and mountain paths.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric bike.

- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- **Brake Inspection:** Regularly inspect brake pads and rotors for wear. Ensure brake levers are responsive and provide adequate stopping power.
- **Chain Lubrication:** Keep the chain clean and lubricated to prevent rust and ensure smooth gear changes.

- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery frequently. Charge regularly, even during periods of non-use, to maintain battery health.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Fastener Checks:** Periodically check all bolts and fasteners for tightness, especially on critical components like handlebars, wheels, and seat.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Bopzin Electric Bike.

- **Bike Not Powering On:** Ensure the battery is fully charged, correctly inserted, and locked. Check all cable connections to the display and motor.
- **Motor Not Engaging:** Verify that the bike is in an electric assist or pure electric mode. Check if the throttle or pedal-assist sensor is properly connected. Ensure the battery has sufficient charge.
- **Brakes Squeaking or Ineffective:** Inspect brake pads for wear and replace if necessary. Clean brake rotors. If issues persist, professional adjustment may be required.
- **Unusual Noises:** Identify the source of the noise. Check for loose components, rubbing parts, or issues with the chain or motor.
- **Display Not Working:** Check cable connections to the display. If the bike powers on but the display is blank, contact customer support.

For issues not covered here, or if troubleshooting steps do not resolve the problem, please contact Bopzin customer support.

6. SPECIFICATIONS (MODEL MF002)



5'4" To 6'2"
Rider Height



330 LBS
Max Load



66 LBS
Bike Weight



A	168cm-66.1in
B	119cm-46.8in
C	55cm-21.6in
D	30cm-11.8in
E	109cm-42.9in
F	60cm-23.6in
G	60cm-23.6in
H	85cm-33.4in
I	103cm- 40.5in
J	71cm -27.9in
K	41cm - 16.1in
L	30cm - 11.8in

A diagram illustrating the key dimensions of the Bopzin Electric Bike Model MF002, including rider height and maximum load.

Feature	Detail
Bike Type	Electric Bike
Brand	Bopzin
Model Number	MF002
Motor	1000W Brushless Motor
Top Speed	Up to 30 MPH
Max Torque	85nm
Slope Capability	Up to 35°
Battery	48V 15AH Removable Lithium-ion
Pure Electric Range	Up to 30 miles
Pedal Assist Range	Up to 50 miles
Charging Time	4-6 hours (with 3A charger)
Wheel Size	20 inches (20"x4.0 Fat Tires)
Suspension Type	Front Suspension
Brake Style	Dual Disc

Feature	Detail
Display	Advanced LCD Display
Waterproof Rating	IP5
Maximum Weight Recommendation	170 pounds
Item Weight	30 kg
Intended Riding Terrain	Mountain Terrain, Paved Roads, Unpaved Trails
Included Components	E-BIKE, Charger, Tool kits, User manual, LCD Smart Display, Headlight, Taillight, Rear Seat

7. WARRANTY INFORMATION

The Bopzin Electric Bike (Model MF002) comes with a **1-year warranty**. This warranty covers manufacturing defects and ensures the quality of the product. Please retain your proof of purchase for warranty claims.

8. CUSTOMER SUPPORT

Bopzin is committed to providing reliable customer support. If you have any questions, require assistance with assembly, operation, or encounter any issues with your electric bike, please contact our support team. Refer to the contact information provided in your product packaging or on the official Bopzin website.

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