



Manuals.plus /

- › EMOKO /
- › EMOKO 1500W Electric Bike (Model BG50) Instruction Manual

EMOKO BG50

EMOKO 1500W Electric Bike (Model BG50) Instruction Manual

Your guide to safe assembly, operation, and maintenance.

1. SAFETY INFORMATION

Read this manual thoroughly before operating your EMOKO 1500W Electric Bike. Failure to follow instructions can result in serious injury or damage to the product. Always wear a helmet and appropriate safety gear when riding.

- The EMOKO Electric Bike has passed UL/GCC safety certification tests, ensuring high safety performance.
- Regularly inspect brakes, tires, and all components before each ride.
- Do not exceed the maximum weight recommendation of 330 pounds.
- Be aware of local regulations regarding electric bike usage, speed limits, and age restrictions.
- Avoid riding in extreme weather conditions or on excessively rough terrain if you are not experienced.

2. INCLUDED COMPONENTS

Your EMOKO Electric Bike package includes the following items:

- 1 x EMOKO Electric Bike (90% pre-assembled)
- 1 x Bicycle Charger (54V 2A)
- 1 x Set of Assembly Tools
- 1 x User Manual
- 1 x Bicycle Pump
- 2 x Battery Keys
- 2 x Pedals (metal construction)

3. SETUP AND ASSEMBLY

Your EMOKO Electric Bike comes 90% pre-assembled. Follow these steps to complete the assembly:

3.1 Handlebar Installation

Attach the handlebars to the stem using the provided tools. Ensure all bolts are tightened securely.

3.2 Front Wheel Installation

Carefully align the front wheel with the fork. Insert the quick-release skewer through the hub and secure it. Ensure the brake rotor is correctly positioned within the caliper.



Image: Detail of the front wheel assembly, showing the disc brake and suspension components.

3.3 Pedal Installation

Identify the 'L' (left) and 'R' (right) markings on the pedals. Screw the pedals into the corresponding crank arms. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise.

3.4 Front Light and Fender Installation

Mount the front light to the designated bracket on the handlebars. Connect the light's cable. Attach the front and rear fenders to their respective mounting points.

3.5 Tire Inflation

Use the provided bicycle pump to inflate the 20x4 inch fat tires to the recommended pressure (check the tire sidewall for specific PSI ranges). Ensure the tire beads are properly seated.

3.6 Battery Insertion and Initial Charge

Insert the 48V/15Ah removable battery into the frame and lock it with the key. Connect the charger to the bike's charging port and then to a power outlet. Allow for a full charge before your first ride.



Image: The 48V 15Ah removable battery securely housed within the bike's frame.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features of your EMOKO Electric Bike.

4.1 Powering On/Off

Insert the key into the ignition and turn it to the 'ON' position. Press and hold the power button on the LCD display to turn the bike on. Repeat to turn off.

4.2 Color LCD Display

The advanced color LCD display shows essential riding information:

- **Speed:** Current riding speed.
- **Battery Level:** Remaining battery charge.
- **Assist Level:** Current pedal assist mode (1-3).
- **Mileage:** Total distance traveled.
- **Turn Signal Switch:** Indicator for turn signals.



Image: The bike's color LCD display, providing real-time riding data.

4.3 Riding Modes

The EMOKO bike offers 4 riding modes:

- **Pure Electric Mode:** Use the throttle for propulsion without pedaling.
- **Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust assist levels (1-3) for varying power.
- **Pedal Mode:** Ride the bike like a traditional bicycle without motor assistance.
- **Cruise Mode:** Maintain a steady speed without continuous throttle input (refer to manual for activation).

4 Modes

Meet Your Needs

Electric Mode

28mph/32miles

PAS Mode

32mph/72miles

Padel Mode *limitless*

****Actual range is related to driving habits and carrying weight****

Cruise Control Mode

****Steady speed can be adjusted on handlebars****



Image: Visual representation of the four distinct riding modes available on the EMOKO electric bike.

4.4 Headlight, Turn Signals, and Horn

Operate the headlight, turn signals, and horn using the control buttons on the left handlebar for enhanced visibility and safety.

4.5 Brakes

The bike is equipped with advanced hydraulic front and rear disc brakes for reliable stopping power. Apply both brakes smoothly and evenly.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your EMOKO Electric Bike.

- **Battery Care:** Charge the battery regularly, even when not in use, to maintain its health. Store in a cool, dry place.
- **Tire Pressure:** Check tire pressure before each ride. Proper inflation improves ride quality and prevents flats.

- **Brake Inspection:** Periodically check brake pads for wear and ensure brake levers provide firm and responsive stopping.
- **Chain Lubrication:** Keep the chain clean and lubricated for smooth gear changes and to prevent rust.
- **General Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.

6. TROUBLESHOOTING

If you encounter any issues, refer to these common troubleshooting tips:

- **Bike Not Powering On:** Ensure the battery is fully charged, correctly inserted, and locked. Check if the key is in the 'ON' position and the power button on the display is pressed.
- **Motor Not Engaging:** Verify the pedal assist level on the display. Check if the brake levers are fully released, as some systems cut motor power when brakes are applied.
- **Brakes Squealing:** This can be normal for new disc brakes. If persistent, clean the rotors and pads, or have them inspected by a professional.
- **Reduced Range:** Factors like terrain, rider weight, assist level, and tire pressure can affect range. Ensure tires are properly inflated and battery is fully charged.

For more complex issues, please contact professional after-sales service.

7. SPECIFICATIONS

Feature	Specification
Motor	1000W (1500W Peak Power)
Battery	48V/15Ah Removable Lithium-ion (720Wh)
Max Speed	Up to 32 MPH
Range	50-72 miles (PAS mode, actual range varies)
Tires	20 x 4.0 inch Fat Tires
Gears	7-Speed
Brakes	Hydraulic Front & Rear Disc Brakes
Suspension	Dual Front & Rear Suspension
Frame Material	Aluminum
Max Load Capacity	330 Pounds
Special Features	Color LCD Display, USB Charging Port, Turn Signal

**ALL TERRAIN
OFF ROAD E BIKE
FOR MOUNTAIN TRAILS**



Image: Detailed dimensions and recommended rider height for the EMOKO electric bike.

8. PRODUCT OVERVIEW AND FEATURES

Explore the key components and design highlights of your EMOKO Electric Bike.

8.1 Powerful 1500W Peak Motor

Experience superior performance with the 1000W motor, delivering an impressive 100Nm of torque for effortless climbs up 35° inclines and smooth rides against the wind. Peak power reaches 1500W.

**ALL TERRAIN
FAT TIRE E BIKE
ROAD AND URBAN USE**



Image: Visual breakdown of the powerful 1500W peak brushless geared hub motor.

8.2 High-Efficiency 48V/15Ah Battery

Equipped with a powerful 48V 15Ah battery, it delivers an impressive 60-72 mile range per charge. Experience the thrill of the ride, conquer city streets, and embrace endless exploration.

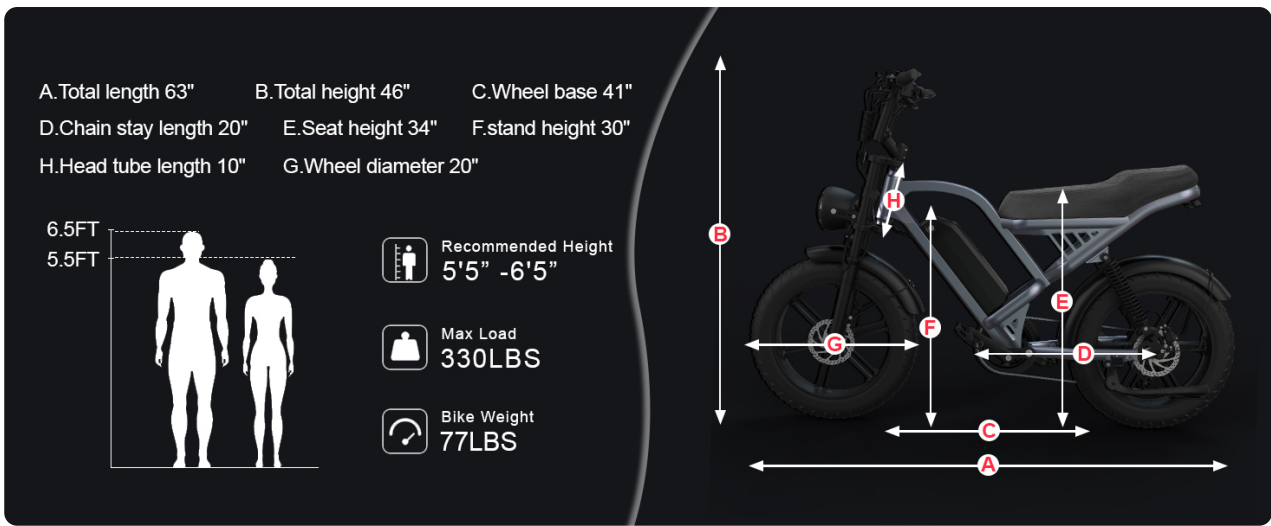


Image: Illustration of the high-efficiency 48V/15Ah battery and its performance metrics.

8.3 Dual Suspension and Hydraulic Disc Brakes

The advanced front and rear dual suspension system provides a stable grip and comfortable riding experience. Coupled with hydraulic disc brakes, your safety rating is significantly increased.



Image: Features of the dual disc brakes and dual suspension system for enhanced safety and comfort.

8.4 Comfortable Two-Person Seat

The electric bicycle features a high-density memory foam and ergonomic support system, providing comfortable support for both the rider and passenger, ensuring an enjoyable riding experience.



Image: Detail of the comfortable, ergonomic two-person seat with memory foam and waterproof material.

8.5 All-Terrain 20x4.0" Fat Tires

Equipped with 20x4.0 inch wide fat tires, this e-bike easily handles various road conditions, whether on beaches, snow, mountains, or asphalt roads, allowing you to travel smoothly and experience every different journey.



Image: The robust 20x4.0 inch fat tires designed for versatile all-terrain riding.

8.6 Official Product Video

Watch the official product video to see the EMOKO Electric Bike in action and learn more about its features.

Video: *Electric Bike Lifestyle Smooth Riding Anywhere.* This video showcases the EMOKO electric bike's versatility and smooth performance in various environments.

9. WARRANTY AND SUPPORT

EMOKO is committed to providing quality products and excellent customer service.

- **Warranty:** Enjoy a one-year or 180-day warranty on different parts of your electric bike. Refer to the detailed warranty policy in the included User Manual for specifics.
- **Return Policy:** A 30-day return policy is available for your peace of mind.
- **Customer Service:** We provide professional US online service to assist you with any questions or concerns.

For further assistance, please refer to the contact information provided in your User Manual or visit the official EMOKO store.