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EBKAROCY 750W Folding Electric Bike

EBKAROCY 750W Folding Electric Bike User Manual

Model: 750W Folding Electric Bike
Brand: EBKAROCY

Introduction

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your EBKAROCY 750W Folding Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference. Understanding the features and proper handling procedures will ensure a safe and enjoyable riding experience.



Image: The EBKAROCY 750W Folding Electric Bike, showcasing its compact folded state and full operational form.

Safety Warnings

- Always wear a helmet and appropriate safety gear when riding.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery, and all connections.
- Do not ride under the influence of alcohol or drugs.
- Adhere to all local traffic laws and regulations.
- Avoid riding in adverse weather conditions or on excessively rough terrain unless the bike is specifically designed for it.
- Ensure the battery is securely locked in place before riding.

Setup and Assembly

Your EBKAROCY 750W Folding Electric Bike arrives approximately 90% pre-assembled. Follow these steps to complete the assembly and prepare for your first ride.

Your browser does not support the video tag.

Video: Assembly guide for the EBKAROCY 750W Folding Electric Bike, demonstrating key setup steps.

1. **Unboxing and Unfolding:** Carefully remove the bike and all components from the packaging. Unfold the bike frame and secure the folding mechanism.
2. **Handlebar Installation:** Insert the handlebar stem into the fork tube. Adjust the height to your preference and tighten the quick-release lever and any securing bolts. Ensure the handlebars are aligned with the front wheel.
3. **LCD Display Attachment:** Mount the LCD display onto the handlebar. Secure it with the provided screws and connect the necessary cables.
4. **Front Basket Installation:** Attach the front basket to the designated mounting points on the front of the bike using the provided hardware.
5. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread the pedals into the crank arms. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Ensure they are securely fastened.
6. **Battery Insertion:** Insert the 48V 15Ah removable battery into its compartment on the frame. Lock it securely with the key.
7. **Seat Post Adjustment:** Insert the seat post with the saddle into the frame. Adjust the seat height for comfortable pedaling, ensuring your leg has a slight bend at the bottom of the pedal stroke. Secure the quick-release lever.



Image: The EBKAROCY Folding Electric Bike, demonstrating its compact size when folded and stored in a car trunk.

Operating Your Electric Bike

Powering On and Off

- To power on the bike, ensure the battery is inserted and locked. Turn the key to the 'ON' position.
- Press and hold the power button on the LCD display for a few seconds.
- To power off, press and hold the power button again until the display turns off.



Image: The large LCD display showing speed, battery level, and pedal assist mode, alongside the Shimano 7-speed gear shifter.

Riding Modes

Your EBKAROCY electric bike offers multiple riding modes:

- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. Use the '+' and '-' buttons on the handlebar controls to adjust between 5 levels of pedal assist. Higher levels provide more motor power.
- **Pure Electric Mode:** Engage the throttle (if equipped) to ride without pedaling. The motor provides full power up to the maximum speed.
- **Manual Mode:** Ride the bike like a traditional bicycle without any motor assistance.

Motor and Performance

The bike is equipped with a 750W peak brushless motor, providing strong and stable power. It can reach speeds up to 30 MPH and offers a climbing capability for various terrains.



Image: An internal view of the 750W brushless motor, highlighting its powerful and efficient design.

Battery Information

The 48V 15Ah lithium battery is removable for convenient charging and security. It offers an estimated range of 20-30 miles in pure electric mode and up to 68 miles with pedal assist, depending on terrain, rider weight, and assist level.



Image: The 48V 15Ah removable battery, emphasizing its capacity and intelligent safety features.

Gears and Shifting

The 7-speed gear system allows for smooth shifting and efficient riding across different conditions. Use the shifter on the handlebar to change gears as needed.

Lighting System

The bike is equipped with a front headlight and a rear taillight for enhanced visibility and safety, especially during low-light conditions. Operate them using the controls on the handlebar.

Suspension and Tires

Dual shock absorbers and 20" x 4.0" fat tires provide a smoother and more comfortable ride, effectively handling various road surfaces including bumpy, sandy, mountain, and stone roads.



Image: The dual shock absorber system, designed to handle complex road surfaces for a comfortable ride.

Maintenance

Regular maintenance is crucial for the longevity and safe operation of your electric bike.

- **Cleaning:** Clean your bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tire Pressure:** Check tire pressure before each ride. Maintain the recommended PSI for optimal performance and safety.
- **Brakes:** Regularly inspect brake pads and cables for wear. Ensure brakes are responsive and properly adjusted.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth shifting and prevent rust.
- **Battery Care:** Charge the battery fully after each ride. Store the battery in a cool, dry place and charge it periodically if not used for extended periods to maintain its health.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release levers to ensure they are securely tightened.

Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not properly seated, key not in 'ON' position, loose connection.	Charge battery, ensure battery is fully inserted and locked, turn key to 'ON', check all cable connections.
Motor not assisting	Pedal assist level too low, throttle not engaged (if applicable), brake levers engaged, motor connection issue.	Increase pedal assist level, ensure throttle is fully engaged, release brake levers, check motor cable connections.
Brakes feel weak	Worn brake pads, loose brake cables, air in hydraulic system (if applicable).	Inspect and replace brake pads, adjust brake cable tension, consult a professional for hydraulic brake bleeding.
Unusual noises	Loose components, dry chain, rubbing parts.	Check all fasteners, lubricate chain, identify and adjust rubbing components.

If you encounter issues not listed here or require further assistance, please contact EBKAROCY customer support.

Specifications

Feature	Detail
Bike Type	City Bike
Age Range	Adult
Motor	750W Brushless (Peak)
Battery	48V 15Ah Removable Lithium
Max Speed	30 MPH
Pure Electric Range	20-30 Miles
Pedal Assist Range	Up to 68 Miles
Number of Speeds	7
Wheel Size	20 Inches (Fat Tires)
Frame Material	High-Carbon Steel
Suspension Type	Dual Shock Absorbers
Special Feature	LCD Display, Folding Design
Load Capacity	Up to 330 lbs

Feature	Detail
Bike Weight	34 kg (approx. 75 lbs)

Warranty and Support

EBKAROCY provides a professional warranty and dedicated after-sales service to ensure customer satisfaction. For assistance, contact the EBKAROCY support team directly. Please retain your original packaging in case of a return or warranty claim.
For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official EBKAROCY website.

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Example: How do I reset this device or fix this error?

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How do I check the battery charge level on the EBKAROCY 750W Folding Electric Bike?

To check how much your EBKAROCY electric bike is charged, look at the large LCD display mounted on the handlebar. When the bike is powered on, the display shows real-time information, including your current...
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