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› ASKGO F12 Electric Bike User Manual

ASKGO F12

ASKGO F12 Electric Bike User Manual

Model: F12

INTRODUCTION

Welcome to the ASKGO F12 Electric Bike User Manual. This guide provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new electric bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: Overview of the ASKGO F12 Electric Bike, showcasing its compact and foldable design with integrated battery and suspension system.

SAFETY GUIDELINES

Always prioritize safety when operating your electric bike. Adhere to local traffic laws and wear appropriate safety gear, including a helmet. Regularly inspect your bike for any signs of wear or damage before each ride.

- Always wear a certified helmet.
- Ensure brakes are functioning correctly before each ride.
- Check tire pressure and condition.
- Be aware of your surroundings and traffic.
- Do not ride under the influence of alcohol or drugs.

SETUP AND ASSEMBLY

The ASKGO F12 electric bike is 90% pre-assembled. Follow these steps for final assembly and initial setup.

1. **Unpacking:** Carefully remove the bike and all components from the packaging. Retain packaging for future transport or storage.
2. **Handlebar Installation:** Unfold the handlebar stem and secure it in the upright position. Ensure the quick-release lever is fully engaged.
3. **Pedal Attachment:** Identify left (L) and right (R) pedals. Thread the left pedal counter-clockwise and the right pedal clockwise into the crank arms. Tighten firmly with a wrench.
4. **Seat Post Adjustment:** Insert the seat post into the frame. Adjust the seat height to a comfortable riding position, ensuring your feet can touch the ground when stopped. Secure with the quick-release clamp.
5. **Battery Installation/Charging:** The battery may be partially charged. For first use, fully charge the battery. Insert the removable battery into its compartment and ensure it clicks into place.



Figure 2: The ASKGO F12 Electric Bike in its folded state, demonstrating its compact size for easy transport in a car trunk.



Figure 3: Illustration of the 3-step folding system, highlighting the convenience for storage and portability.

OPERATING INSTRUCTIONS

Familiarize yourself with the controls and riding modes of your ASKGO F12 Electric Bike.

Powering On/Off

Press and hold the power button on the LED display to turn the bike on or off.

Riding Modes

- **Pedal Assist Mode:** The motor provides assistance as you pedal. Adjust the assist level using the controls on the handlebar.
- **Pure Electric Mode:** Use the throttle to propel the bike without pedaling.
- **Manual Pedal Mode:** Ride the bike like a traditional bicycle without motor assistance.

Braking System

The bike is equipped with a cantilever brake style. Apply both front and rear brakes simultaneously for effective stopping. Practice braking in a safe area before riding in traffic.



Figure 4: Close-up of the intelligent LED display and handlebar controls, including brake levers, horn, and gear adjustment.



Figure 5: A rider demonstrating the effectiveness of the multi-link shock absorption system, ensuring a smooth ride over varied terrain.

BATTERY AND CHARGING

The ASKGO F12 features a 48V 15AH removable Li-ion battery. Proper charging and care extend battery life.

- **Charging Time:** Approximately 4-5 hours for a full charge.
- **Charging Procedure:** Connect the charger to the bike's charging port or directly to the removed battery. Plug the charger into a standard wall outlet. The indicator light on the charger will change when fully charged.
- **Battery Care:** Avoid fully discharging the battery. Store the battery in a cool, dry place when not in use. Charge at least once every two months if stored for long periods.



Figure 6: Detailed view of the 48V 15AH automotive-grade battery cells, highlighting the withdrawable charging feature and BMS safety protection.

MAINTENANCE

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

- **Tire Pressure:** Check tire pressure regularly. The 14-inch tires should be inflated to the recommended PSI (check tire sidewall for exact value).
- **Brake Inspection:** Inspect brake pads and cables for wear. Adjust or replace as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to prevent rust and ensure smooth operation.
- **Fastener Check:** Periodically check all bolts and fasteners for tightness, especially after the first few rides.
- **Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.



Figure 7: Close-up of the 14-inch anti-skid snow tires, designed to provide excellent grip on various surfaces, including snow and ice.

TROUBLESHOOTING

This section addresses common issues you might encounter with your ASKGO F12 Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged or not properly installed.	Ensure battery is fully charged and securely seated. Check connections.
Motor not assisting.	Low battery, pedal assist level too low, or motor connection issue.	Charge battery. Increase pedal assist level on display. Check motor cable connections.
Brakes feel weak.	Worn brake pads or loose brake cables.	Inspect brake pads for wear and replace if necessary. Adjust brake cable tension.

Problem	Possible Cause	Solution
Unusual noises during ride.	Loose components, dry chain, or debris in moving parts.	Check all fasteners. Lubricate chain. Inspect for and remove any debris.

SPECIFICATIONS

Key technical specifications for the ASKGO F12 Electric Bike.

- Model Name:** F12
- Bike Type:** Multi-Use Bike
- Age Range:** Adult
- Motor:** 500W Brushless Motor
- Top Speed:** Up to 20 MPH
- Battery:** 48V 15AH Removable Li-ion Battery
- Range (Pure Power Mode):** Approximately 30-32 Miles (depending on conditions and rider weight)
- Frame Material:** Alloy Steel / Aluminum
- Weight:** Approximately 46 lbs
- Tires:** 14-inch
- Suspension Type:** Dual (Front Fork, Middle, Rear, Cushion Type Dual Spring)
- Brake Style:** Cantilever
- Included Components:** Tool Kit
- Special Feature:** Adjustable Seat, Foldable Design



Figure 8: Illustration of the 500W high-speed brushless motor, highlighting its power and efficiency for overcoming inclines.

WARRANTY AND SUPPORT

Your ASKGO F12 Electric Bike comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase.

For technical support, warranty claims, or any questions regarding your electric bike, please contact the ASKGO after-sales team. Contact information can typically be found on the product packaging or the official ASKGO website.

Note: The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.