ASKGO F12A

ASKGO F12A Electric Bike User Manual

Model: F12A
Brand: ASKGO

1. Introduction

Thank you for choosing the ASKGO F12A Electric Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure proper use and to maximize the lifespan of your bike.



Figure 1.1: The ASKGO F12A Electric Bike in its fully assembled state, showcasing its compact design and features.

2. Safety Information

Your safety is paramount. Adhere to all local traffic laws and regulations. Always wear a helmet and appropriate safety gear when riding. Perform pre-ride checks before each use.

General Safety Guidelines:

- Always wear a certified helmet and other protective gear (gloves, knee pads, elbow pads).
- Familiarize yourself with local traffic laws and regulations regarding electric bicycles.
- Do not ride under the influence of alcohol or drugs.
- Ensure the battery is securely locked in place before riding.

- Check tire pressure, brakes, and all quick releases before each ride.
- Do not exceed the maximum weight capacity of the bike.
- Avoid riding in heavy rain, snow, or icy conditions.
- Be aware of your surroundings and other road users.

Braking System:

The ASKGO F12A is equipped with front and rear dual mechanical disc brakes for reliable stopping power. Always apply both brakes simultaneously for effective and safe braking. Practice braking in a safe area before riding in traffic.



Figure 2.1: Details of the electronic brakes, digital display, LED headlamp, and rear warning light, all crucial for safe operation.

3. Package Contents

Upon unboxing, please verify that all components are present and undamaged:

- ASKGO F12A Electric Bike (main unit)
- 48V 15AH Removable Lithium-ion Battery
- Battery Charger
- Kickstand (pre-installed or separate)
- Lock
- Mudguards (front and rear)
- Tool Kit for assembly and adjustments
- User Manual (this document)

4. Setup and Assembly

The ASKGO F12A Electric Bike features a foldable design for easy transport and storage. Initial setup primarily involves unfolding and adjusting components.

Unfolding the Bike:

1. Place the folded bike on a flat, stable surface.
2. Locate the main frame hinge and release the safety latch.
3. Carefully unfold the frame until it locks into place. Ensure the hinge mechanism is fully engaged and secured with the safety latch.
4. Unfold the handlebars and secure the stem latch.
5. Adjust the handlebar height to your preference using the quick-release lever. Ensure it is tightened securely.
6. Insert the seat post into the frame and adjust the seat height. Secure with the quick-release lever.
7. Unfold the pedals if they are foldable.



Figure 4.1: The ASKGO F12A Electric Bike in its folded state, demonstrating its portability and ease of storage in a vehicle trunk.



Figure 4.2: A user demonstrating the ease of placing the folded ASKGO F12A Electric Bike into a car trunk, highlighting its compact design for transport.

Battery Installation and Charging:

The 48V 15AH lithium-ion battery is removable for convenient charging. Ensure the battery is fully charged before your first ride.

- To install, slide the battery into its compartment until it clicks securely. Use the key to lock it in place.
- To charge, connect the charger to the battery charging port (either on or off the bike) and then plug it into a standard wall outlet.
- The charger indicator light will typically turn red during charging and green when fully charged.
- Do not overcharge the battery. Unplug the charger once charging is complete.



Figure 4.3: An internal view of the 48V 15AH Lithium-Ion battery, highlighting its large capacity and reliable Battery Management System (BMS).

5. Operating Instructions

The ASKGO F12A offers multiple riding modes to suit your needs.

Riding Modes:

- **Pure Electric Mode:** Engage the throttle for motor-only propulsion. Ideal for effortless cruising.
- **Pedal Assist Mode:** The motor provides assistance as you pedal. This mode extends range and reduces effort. The bike features 3 gearshifts to easily set and select your preferred level of assistance.
- **Ordinary Bicycle Mode:** Ride without any motor assistance, similar to a traditional bicycle.

Motor and Performance:

The bike is equipped with a high-quality 500W motor, capable of reaching speeds up to 25 MPH and overcoming inclines of up to 25%.



Figure 5.1: An illustrative view of the 500W peak powerful motor, highlighting its internal components and performance capabilities including top speed and climbing angle.

Suspension System:

The ASKGO F12A features a full shock absorption system, including front fork shock absorption, a middle shock absorber, a rear shock absorber, and cushion-type dual spring shock absorption. This system is designed to provide a comfortable ride by absorbing bumps from various terrains.



Figure 5.2: A detailed view of the multi-point spring shock absorption system, including the front fork suspension and rear shock absorbers, designed for a smooth ride.



Figure 5.3: A rider enjoying the ASKGO F12A Electric Bike, demonstrating its use in an urban environment.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your ASKGO F12A Electric Bike.

Battery Care:

- Charge the battery regularly, even if not in use, to maintain its health.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid fully discharging the battery frequently.

General Bike Maintenance:

- Keep the bike clean, especially after riding in wet or dirty conditions. Use a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.
- Check tire pressure weekly. The recommended pressure is usually indicated on the tire sidewall.
- Inspect brake pads for wear and replace them when necessary.
- Lubricate the chain regularly with bicycle-specific chain lubricant.
- Periodically check all bolts and fasteners for tightness.
- If you notice any unusual noises or performance issues, consult a professional bike mechanic.

7. Troubleshooting

This section addresses common issues you might encounter with your ASKGO F12A Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not installed correctly, power button not pressed	Charge battery, ensure battery is fully seated and locked, press and hold power button
Motor not assisting	Battery low, pedal assist level too low, motor connection issue	Charge battery, increase pedal assist level on display, check motor cable connections
Brakes feel weak	Worn brake pads, loose brake cable, air in hydraulic system (if applicable)	Inspect and replace brake pads, adjust brake cable tension, consult a professional for hydraulic brake bleeding
Unusual noises from wheels	Loose spokes, debris in brakes, worn bearings	Check spoke tension, clean brake area, inspect wheel bearings (professional service recommended)

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact ASKGO customer support.

8. Specifications

Key technical specifications for the ASKGO F12A Electric Bike:

Feature	Specification
Model Name	F12A
Bike Type	City Bike
Age Range (Description)	Adult
Brand	ASKGO
Motor Wattage	500W
Battery	48V 15AH Lithium-ion (720 Watt Hours)
Max Speed	Up to 25 MPH
Max Range (Pure Electric)	Approx. 30 miles (depending on rider weight, terrain, and conditions)
Wheel Size	14 Inches
Frame Material	Aluminum Alloy
Suspension Type	Dual (Front Fork, Middle, Rear, Cushion Dual Spring)
Brake Style	Dual Mechanical Disc Brakes

Feature	Specification
Folded Dimensions	Approx. 27 x 17 x 26 inches
Weight	Approx. 46 lbs
Included Components	Kickstand, Lock, Mudguard, Tool Kit
Special Features	Adjustable Handlebars, Adjustable Seat, Digital Display, Dual Disc Brake, Dual Suspension

9. Warranty and Support

The ASKGO F12A Electric Bike comes with a**1-year warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use.

Warranty Exclusions:

- Normal wear and tear (e.g., tires, brake pads, chain).
- Damage caused by improper assembly, maintenance, or storage.
- Damage resulting from accidents, misuse, neglect, or unauthorized modifications.
- Damage due to commercial use or rental.

Customer Support:

For warranty claims, technical assistance, or any questions regarding your ASKGO F12A Electric Bike, please contact ASKGO customer support through the retailer where you purchased the product or visit the official ASKGO website for contact information.

Please have your purchase receipt and the bike's serial number ready when contacting support.

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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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