



Ook-tek Fat Tire

OOK-TEK Electric Fat Tire Bike User Manual

Model: Ook-tek Fat Tire

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your OOK-TEK Electric Fat Tire Bike. Please read this manual thoroughly before your first ride to ensure proper use and to maximize the lifespan of your bicycle.



Figure 1.1: OOK-TEK Electric Fat Tire Bike, showcasing its retro style and fat tires.

2. SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- **Wear a Helmet:** Always wear an approved bicycle helmet that fits properly.
- **Obey Traffic Laws:** Follow all local traffic laws, regulations, and signs.
- **Pre-Ride Check:** Before each ride, check tire pressure, brake function, battery level, and ensure all quick releases and fasteners are secure.

- **Weather Conditions:** Exercise caution in wet or slippery conditions. Braking distance increases significantly.
- **Weight Limit:** Do not exceed the maximum recommended weight of 265 pounds (120 kg).
- **Visibility:** Use the integrated LED headlight and ensure rear reflectors are clean and visible, especially during low-light conditions.
- **Age Range:** This bicycle is designed for adult use.

3. COMPONENTS OVERVIEW

Your OOK-TEK Electric Fat Tire Bike comes equipped with the following key components:

- **Frame:** Sturdy Alloy Steel frame with a retro design.
- **Motor:** Powerful 750W Hub-Motor for electric assist.
- **Battery:** Removable 48V 20AH battery.
- **Tires:** 20-inch fat tires (4 inches wide) for stability and traction.
- **Brakes:** Reliable Disc brakes for effective stopping power.
- **Gears:** 7-speed gear system.
- **Lighting:** Integrated LED Headlight.
- **Suspension:** Front suspension for a smoother ride.
- **Seat:** Comfortable ribbed cafe racer style seat.



Figure 3.1: Overview of the OOK-TEK Electric Fat Tire Bike's main features.

4. SETUP AND ASSEMBLY

Assembly is required for this product. Please follow these general steps. Refer to the included assembly guide for detailed instructions and diagrams.

1. **Unboxing:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened

securely.

3. **Front Wheel Installation:** Install the front wheel, ensuring the disc brake rotor aligns correctly with the caliper. Secure the quick release or axle nuts.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread them into the crank arms carefully. Note that the left pedal is reverse-threaded.
5. **Seatpost Adjustment:** Insert the seatpost into the frame and adjust the seat height for comfortable riding. Secure the quick release clamp.
6. **Battery Installation/Charging:** Install the battery into its designated compartment. Before first use, fully charge the battery using the provided charger.
7. **Final Checks:** Double-check all bolts, nuts, and quick releases for tightness. Ensure brakes are functioning correctly and tires are inflated to the recommended pressure.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls before riding.

5.1 Powering On/Off

Locate the power button on the control panel (usually on the handlebars or battery). Press and hold to turn the bike's electrical system on or off. The LED headlight will also activate with the power.

5.2 Pedal Assist System (PAS)

Your OOK-TEK bike features a pedal-assist system. As you pedal, the motor provides assistance. Use the control panel to select different levels of assist, from minimal to maximum power. Higher assist levels provide more motor power and consume battery faster.

Comfortable Riding

A Happy Tri

35 Miles

Max Range

19 MPH

Max Speed

330 Lbs

Max Load

5 Types

Riding Mode



Figure 5.1: The bike's design supports comfortable riding and efficient power delivery from its 750W hub motor.

5.3 Gear Shifting

The bike is equipped with a 7-speed gear system. Use the trigger shifter on the handlebars to change gears. Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding.

5.4 Braking

The bike uses disc brakes. The right lever controls the rear brake, and the left lever controls the front brake. Apply both brakes simultaneously for optimal stopping power. Avoid sudden, hard braking, especially with the front brake, to prevent skidding.

5.5 Headlight Operation

The integrated LED headlight activates when the bike's electrical system is powered on. Ensure it is functioning before riding in low-light conditions.



Figure 5.2: Illustration of the 750W hub motor, providing electric assist for various terrains.

6. MAINTENANCE

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

- **Tire Pressure:** Check tire pressure before each ride. Fat tires typically require lower pressure than standard bike tires; refer to the tire sidewall for recommended PSI.
- **Brake Inspection:** Regularly inspect brake pads for wear and brake cables for proper tension. Adjust or replace as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **Battery Care:** Store the battery in a cool, dry place. Charge it regularly, even if not in use, to maintain its health. Avoid fully discharging the battery.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- **Fastener Checks:** Periodically check all bolts, nuts, and screws for tightness.



Figure 6.1: The 48V 20AH battery, central to the bike's electric assist system. Proper care extends its life.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly seated.	Ensure battery is fully charged and securely installed. Check power button.
Motor not assisting	PAS level too low, brake levers engaged, or motor connection issue.	Increase PAS level. Ensure brake levers are fully released. Check motor cable connections.
Brakes feel weak	Worn brake pads, loose cables, or air in hydraulic system (if applicable).	Inspect and replace brake pads. Adjust cable tension. Consult a bike mechanic for hydraulic brake issues.
Gears not shifting smoothly	Dirty chain, misaligned derailleur, or stretched cable.	Clean and lubricate chain. Adjust derailleur. If issues persist, consult a bike mechanic.

8. SPECIFICATIONS

Feature	Detail
Bike Type	Fat Tire, Electric Bike
Model Name	Ook-tek Fat Tire
Brand	Generic
Color	Black
Frame Material	Alloy Steel
Wheel Size	20 Inches
Wheel Width	4 Inches
Number of Speeds	7
Motor Wattage	750 watts
Battery	48V 20AH
Brake Style	Disc
Suspension Type	Front
Item Weight	45 Pounds (approx. 20.4 kg)
Maximum Weight Recommendation	265 Pounds (approx. 120 kg)
Assembly Required	Yes
Included Components	Battery, Electric Bike, LED Headlight, Charger

9. WARRANTY AND SUPPORT

Your OOK-TEK Electric Fat Tire Bike comes with a limited manufacturer warranty.

- **Warranty Type:** Limited Manufacturer Warranty
- **Warranty Description:** 1 year

For technical support, warranty claims, or replacement parts, please contact the retailer or manufacturer directly. Keep your proof of purchase for warranty validation.