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## OUXI R7

# OUXI R7 Electric Bike User Manual

Model: R7

## 1. INTRODUCTION

Welcome to the OUXI R7 Electric Bike user manual. This guide 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 optimal performance and safety.

## 2. SAFETY INFORMATION

Your safety is paramount. Adhere to all local traffic laws and regulations when operating this electric bike. Always wear a helmet and appropriate safety gear. Perform a pre-ride inspection before each use.

- Always wear a certified helmet.
- Check brake function, tire pressure, and battery charge before each ride.
- Ensure all quick releases and fasteners are secure.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and other road users.
- Avoid riding in adverse weather conditions or on excessively rough terrain unless the bike is designed for it.
- Familiarize yourself with the bike's controls and features before riding at speed.

## 3. PACKAGE CONTENTS

Upon unboxing, please verify that all components are present:

- OUXI R7 Electric Bike Frame with integrated components
- 48V 13Ah Removable Battery
- Battery Charger
- Kickstand

- Pump
- Reflectors (Front, Rear, Wheel)
- Tool Kit
- User Manual (this document)

## 4. SETUP AND ASSEMBLY

The OUXI R7 Electric Bike requires some assembly. General assembly involves attaching the front wheel, handlebars, pedals, and seat. Ensure all bolts and quick releases are securely fastened before riding. It is recommended to consult the assembly video available on the product page for detailed visual instructions.



Figure 4.1: Fully assembled OUXI R7 Electric Bike. This image shows the complete bike with fat tires, front suspension, headlight, rear rack, and the battery integrated into the frame.

## 5. OPERATING INSTRUCTIONS

### 5.1. Powering On/Off

Locate the power button on the LCD display. Press and hold the power button to turn the bike on or off. The display will illuminate, indicating the system is active.

### 5.2. Riding Modes

The OUXI R7 Electric Bike offers five distinct riding modes to suit various preferences and terrains:

1. **Throttle Mode:** Twist the throttle grip to engage the motor and propel the bike without pedaling.
2. **Pedal Assist (PAS) Mode:** Engage one of the 1-5 PAS levels. The motor provides assistance as you pedal, extending your range and reducing effort.
3. **Booster Mode:** Provides an extra boost of power, useful for easily ascending inclines or starting from a stop.
4. **Cruise Mode:** Maintain a desired speed without continuous throttle input.
5. **Normal Bike Mode:** Ride the bike like a traditional bicycle, using pedal power only with no motor assistance.

# 20x 4.0" FAT TIRE ALL TERRAIN E BIKE



Figure 5.1: Illustration of the five riding modes: Pure Electric, PAS Mode, Bike Mode, Walking Assist Mode, and Cruise Mode, designed for various riding scenarios.

## 5.3. Gear Shifting

The OUXI R7 features a 7-speed shifting system. Use the twist grip shifter on the right handlebar to change gears according to terrain and desired speed. Shift to lower gears for climbing hills and higher gears for flat terrain or descents.

## 5.4. LCD Display

The integrated LCD display provides real-time information and control over various bike functions:

- **Battery Level:** Indicates remaining battery charge.
- **Speed:** Displays current riding speed.
- **PAS Level:** Shows the current Pedal Assist level (1-5).
- **ODO/TRIP/VOL:** Toggles between Odometer (total distance), Trip distance, and Voltage.
- **Lights Indicator:** Shows when the headlight and taillight are active.

- **Horn Switch:** Activates the bike's horn.
- **Turn Signal Button:** Activates turn signals (if equipped).



Figure 5.2: Close-up view of the handlebar controls, including the clear LCD display showing battery level, speed, and PAS level, along with the 7-speed shifter, headlight, and taillight.

## 5.5. Braking System

The OUXI R7 is equipped with a reliable dual disc brake system (front and rear) for effective stopping power. Apply both brakes simultaneously for controlled deceleration. Regularly inspect brake pads and cables for wear and proper function.

## 5.6. Adjustments

- **Adjustable Seat:** The seat height can be adjusted to accommodate various rider heights for optimal comfort and pedaling efficiency.
- **Lockable Front Suspension Fork:** The front suspension fork can be locked or unlocked. Lock the suspension for efficient riding on smooth surfaces and unlock it for improved shock absorption and control on rough or uneven terrain.



Figure 5.3: Detail of the lockable front suspension fork, showing the 'Lock' and 'Open' settings for adjusting ride efficiency and control.

## 6. BATTERY INFORMATION

The OUXI R7 is powered by a 48V 13Ah removable lithium-ion battery. This battery can be charged directly on the bike or removed for charging. The battery is lockable for security, requiring a key for removal and to prevent theft.

- **Charging Time:** Approximately 6.5 hours for a full charge.
- **Range:** Up to 30-35 miles in electric-only mode; 55-60 miles in pedal-assist mode (actual range may vary based on terrain, rider weight, and riding style).

# 48V 15AH



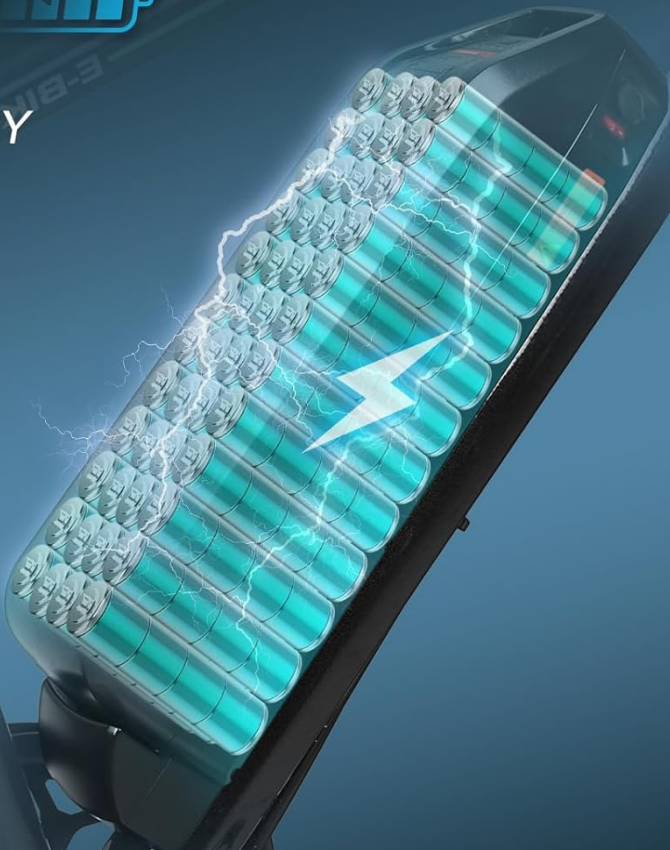
## LITHIUM ION BATTERY



**Removable  
battery**



**Over-discharge  
protection**



**6.5 Hours**  
CHARGING



**55-60Miles**  
RANGE



**Lockable**  
WITH KEYS

Figure 6.1: The 48V 13Ah removable lithium-ion battery, highlighting its removable nature, over-discharge protection, charging time, range, and lockable feature.

## 7. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your OUXI R7 Electric Bike. Follow these guidelines:

- **Tires:** Maintain recommended tire pressure (refer to tire sidewall for specifications). Inspect tires regularly for wear, cuts, or punctures.
- **Brakes:** Periodically check brake pads for wear and ensure brake levers operate smoothly. Adjust brake cables as needed to maintain proper stopping power.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent premature wear.
- **Battery Care:** Store the battery in a cool, dry place. Charge the battery regularly, even when the bike is not in use, to prolong its lifespan. Avoid fully discharging the battery.

- **General Inspection:** Before each ride, check all bolts, nuts, and quick releases for tightness. Ensure the headlight and taillight are functional.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.

## 8. TROUBLESHOOTING

If you encounter issues with your OUXI R7 Electric Bike, refer to the following common troubleshooting tips:

- **No Power:** Ensure the battery is fully charged and properly seated. Check all electrical connections. Press and hold the power button on the display.
- **Motor Not Engaging:** Verify the Pedal Assist (PAS) level setting on the display. Ensure the throttle is not stuck. Check for any error codes displayed on the LCD.
- **Braking Issues:** Inspect brake pads for wear and replace if necessary. Check brake cables for tension and damage. Ensure disc rotors are clean and free from obstruction.
- **Unusual Noises:** Investigate the source of any new or unusual sounds. This could indicate loose components, worn parts, or issues with the drivetrain.

For persistent issues or problems not covered here, please contact OUXI customer support.

## 9. SPECIFICATIONS

Key technical specifications for the OUXI R7 Electric Bike:

Feature	Specification
Model Name	R7
Bike Type	Electric Bike, Fat Tire Ebike
Motor Power	Peak 1000W
Battery	48V 13Ah Removable Lithium-ion
Max Speed	Up to 25 MPH
Max Climbing Angle	30°
Charging Time	Approx. 6.5 hours
Range (Electric-only)	30-35 miles
Range (Pedal-assist)	55-60 miles
Wheel Size	20 Inches (20x4.0 Fat Tires)
Number of Speeds	7

Feature	Specification
Frame Material	High Carbon Steel
Suspension Type	Front (Lockable)
Brake Style	Dual Disc Brake
Recommended Height	5'3"-6'3"
Bicycle Weight	68.3 lbs
Max Load Capacity	330 lbs
Included Components	Kickstand, Pump, Reflectors, Tool Kit



Figure 9.1: Detailed diagram illustrating the dimensions of the OUXI R7 Electric Bike and key specifications such as recommended height, bicycle weight, and maximum load capacity.

## 10. WARRANTY

The OUXI R7 Electric Bike comes with a 1-year manufacturer's limited warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation provided with your product or contact customer support.

## 11. CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims regarding your OUXI R7 Electric Bike, please contact OUXI customer support:

- **Email:** [ouxisupport@163.com](mailto:ouxisupport@163.com)
- You can also contact the seller directly through your Amazon order page for assistance.

Our support team is available to provide assistance and ensure your satisfaction with the OUXI R7 Electric Bike.