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## AMIGO E-Lagos T3

# AMIGO E-Lagos T3 Electric Bicycle User Manual

Model: E-Lagos T3 | Brand: AMIGO

## 1. IMPORTANT SAFETY INFORMATION

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Before operating your AMIGO E-Lagos T3 electric bicycle, please read and understand all instructions and safety warnings. Failure to follow these instructions may result in serious injury or damage to the bicycle.

- **Wear a Helmet:** Always wear an approved bicycle helmet when riding.
- **Pre-Ride Check:** Before each ride, inspect the brakes, tires, lights, and ensure all quick releases and fasteners are secure.
- **Traffic Laws:** Obey all local traffic laws and regulations. Ride defensively and be aware of your surroundings.
- **Weather Conditions:** Exercise caution when riding in wet conditions, as braking distance may increase. Avoid riding in heavy rain or snow.
- **Weight Limit:** Do not exceed the maximum load capacity of the bicycle.
- **Electrical Components:** Keep electrical components dry. Do not submerge the bicycle or battery in water.
- **Children:** This electric bicycle is intended for adult use.

## 2. SETUP AND INITIAL PREPARATION

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Your AMIGO E-Lagos T3 electric bicycle may require some minor assembly and preparation before its first use.



Figure 2.1: The AMIGO E-Lagos T3 Electric Bicycle, ready for use.

## 2.1 Unpacking and Assembly

- Carefully remove the bicycle from its packaging.
- Install the pedals: Ensure pedals are threaded correctly (L for left, R for right) and tightened securely.
- Adjust the handlebar and saddle height for a comfortable and safe riding position. Ensure all quick-release levers are firmly closed.

## 2.2 Battery Charging

The battery is integrated into the rear rack and is removable for charging.

- Locate the charging port on the battery.
- Connect the charger to the battery, then plug the charger into a standard wall outlet.
- The charging time is approximately 5.5 to 7.5 hours for a full charge.
- Do not leave the battery charging unattended for extended periods.

## 2.3 Tire Inflation

Ensure tires are inflated to the recommended pressure, typically found on the tire sidewall. Proper inflation improves ride quality and prevents punctures.

## 3. OPERATING INSTRUCTIONS

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Familiarize yourself with the controls and functions of your E-Lagos T3 electric bicycle for an optimal riding experience.

### 3.1 Powering On/Off and Display



Figure 3.1: The Ananda D15 LED display on the left handlebar, showing battery level and assistance mode.

- **To Power On:** Press and hold the power button on the Ananda D15 LED display (located on the left handlebar).
- **Assistance Levels:** Use the '+' and '-' buttons on the display to select one of the 5 available pedal assistance levels. Level 1 provides minimal assistance, while Level 5 provides maximum assistance.
- **To Power Off:** Press and hold the power button again until the display turns off.
- The display shows battery charge status and current assistance level.

### 3.2 Gear Shifting



Figure 3.2: The Shimano Nexus 7-speed grip shifter on the right handlebar.

Your E-Lagos T3 is equipped with a Shimano Nexus 7-speed internal gear hub. Shift gears using the grip shifter on the right handlebar. Shift to a lower gear for easier pedaling on inclines and a higher gear for faster speeds on flat terrain.

### 3.3 Braking System

The bicycle features a V-Brake on the front wheel and a coaster brake (backpedal brake) on the rear wheel.

- **Front Brake:** Operated by the lever on the left handlebar. Use for controlled stopping power.
- **Rear Brake (Coaster Brake):** Activated by pedaling backward. Provides reliable stopping for the rear wheel.
- Always apply both brakes simultaneously for effective and safe stopping.

### 3.4 Handlebar Lock



Figure 3.3: The handlebar lock mechanism, used to stabilize the front wheel when parked.

The integrated handlebar lock helps stabilize the front wheel when the bicycle is parked, especially when loaded with items on the front rack. Rotate the mechanism to 'LOCK' to secure the handlebar, and to 'FREE' to allow steering.

### 3.5 Lighting System

The E-Lagos T3 is equipped with LED lights for both front and rear visibility.



Figure 3.4: The front rack with the integrated LED headlight for improved visibility.

- The lights are powered by the main battery.
- Turn on the lights using the dedicated button on the display or as instructed by the display manual.
- Ensure lights are functional before riding in low-light conditions.

## 4. MAINTENANCE

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

### 4.1 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 completely draining the battery before recharging.

### 4.2 Cleaning

Clean the bicycle with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components or bearings.

### 4.3 Brakes and Tires

- Regularly check brake pads for wear and replace them when necessary.
- Ensure brake cables are not frayed and are properly adjusted.
- Maintain correct tire pressure as indicated on the tire sidewall.

### 4.4 Chain and Drivetrain

Keep the chain clean and lubricated for smooth operation and to prevent premature wear. The Shimano Nexus internal gear hub requires minimal maintenance but should be checked periodically by a professional.



Figure 4.1: The AXA Solid Plus ring lock provides integrated security for the rear wheel.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your AMIGO E-Lagos T3 electric bicycle.

Problem	Possible Cause	Solution
Motor not assisting	Battery low or depleted; System not powered on; Assistance level set to 0.	Charge battery; Power on the system via display; Increase assistance level.
Lights not working	Lights turned off; Battery low.	Turn on lights via display; Charge battery.
Brakes feel weak	Brake pads worn; Cables loose; Improper adjustment.	Inspect and replace brake pads; Adjust brake cables; Consult a bicycle mechanic.
Unusual noises from drivetrain	Dry or dirty chain; Loose components.	Clean and lubricate chain; Check for loose bolts or components.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact customer support or a qualified bicycle mechanic.

## 6. SPECIFICATIONS

Detailed technical specifications for the AMIGO E-Lagos T3 Electric Bicycle.



Figure 6.1: The Ananda M129 front hub motor provides pedal assistance.

Feature	Specification
Model Name	E-Lagos T3
Frame Size	50 cm
Wheel Size	28 inches (71 cm)
Frame Material	Aluminum
Gears	7-speed Shimano Nexus (internal gear hub)
Motor Type	Ananda M129 Front Hub Motor
Pedal Assist Sensor	Rotational sensor
Battery Capacity	468 Wh (36V, 13Ah) Greenway YJ-145 Lithium-ion
Battery Position	Integrated into rear rack, removable
Charging Time	5.5 - 7.5 hours
Range	45 - 120 km (approx. 65 km average)
Max Speed (Assisted)	25 km/h
Display	Ananda D15 LED (5 assistance levels)
Front Brake	V-Brake

Feature	Specification
Rear Brake	Coaster Brake (backpedal brake)
Lights	LED front and rear
Accessories	Double kickstand, closed chain guard, front and rear luggage racks, luggage straps, handlebar lock, bell, AXA Solid Plus ring lock
Weight	Approx. 29 kg



Figure 6.2: The Shimano Nexus 7-speed internal gear hub and coaster brake on the rear wheel.

## 7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or spare parts, please contact the AMIGO customer service department or your authorized dealer.