

Hyuhome 820M-27.5"-Grau

Hyuhome 28-inch E-Bike User Manual

MODEL: 820M-27.5"-GRAU

1. Introduction

Thank you for choosing the Hyuhome 28-inch E-Bike. This electric bicycle is designed for adults, featuring a powerful 250W Bafang motor, a long-lasting 36V 12.5Ah lithium battery, and a reliable Shimano 7-speed gear system. It offers a comfortable and efficient riding experience for various terrains, from city streets to mountain paths. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new e-bike. Please read it thoroughly before your first ride.



Figure 1.1: Hyuhome 28-inch E-Bike Overview

2. Safety Information

Your safety is paramount. Always adhere to local traffic laws and regulations. Wear a helmet and appropriate safety gear when riding. Regular maintenance is crucial for safe operation.

- Always wear a certified helmet and appropriate safety gear.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and other road users.
- Ensure all components are securely fastened before riding.
- Do not exceed the maximum load capacity of 150 kg (330 lbs).
- Avoid riding in extreme weather conditions.

3. Setup and Assembly

Your Hyuhome E-Bike arrives approximately 85% pre-assembled. The remaining assembly typically involves attaching the front wheel, handlebars, pedals, and seat. A detailed user and installation manual is included in the box. For visual

guidance, video tutorials are available from the manufacturer.

3.1 Unpacking and Initial Inspection

- Carefully remove the bike and all components from the packaging.
- Check for any shipping damage or missing parts against the packing list.
- Retain the packaging for future transport or storage.

3.2 Assembly Steps

Follow the step-by-step instructions in the included manual. Key steps include:

1. Install the front wheel and secure the quick release.
2. Attach the handlebars to the stem, ensuring proper alignment.
3. Install the pedals (note L for left and R for right).
4. Insert the seat post and saddle, adjusting to your preferred height.
5. Connect any remaining electrical cables, ensuring they are securely plugged in.
6. Perform a final check of all bolts and quick releases for tightness.

250W REAR HUB MOTOR

POWERFUL 36V

**SMOOTH
&
QUIET**

Maximum Speed 25KM/H 15.5MILE/H

Figure 3.1: E-Bike Dimensions and Packaging Information

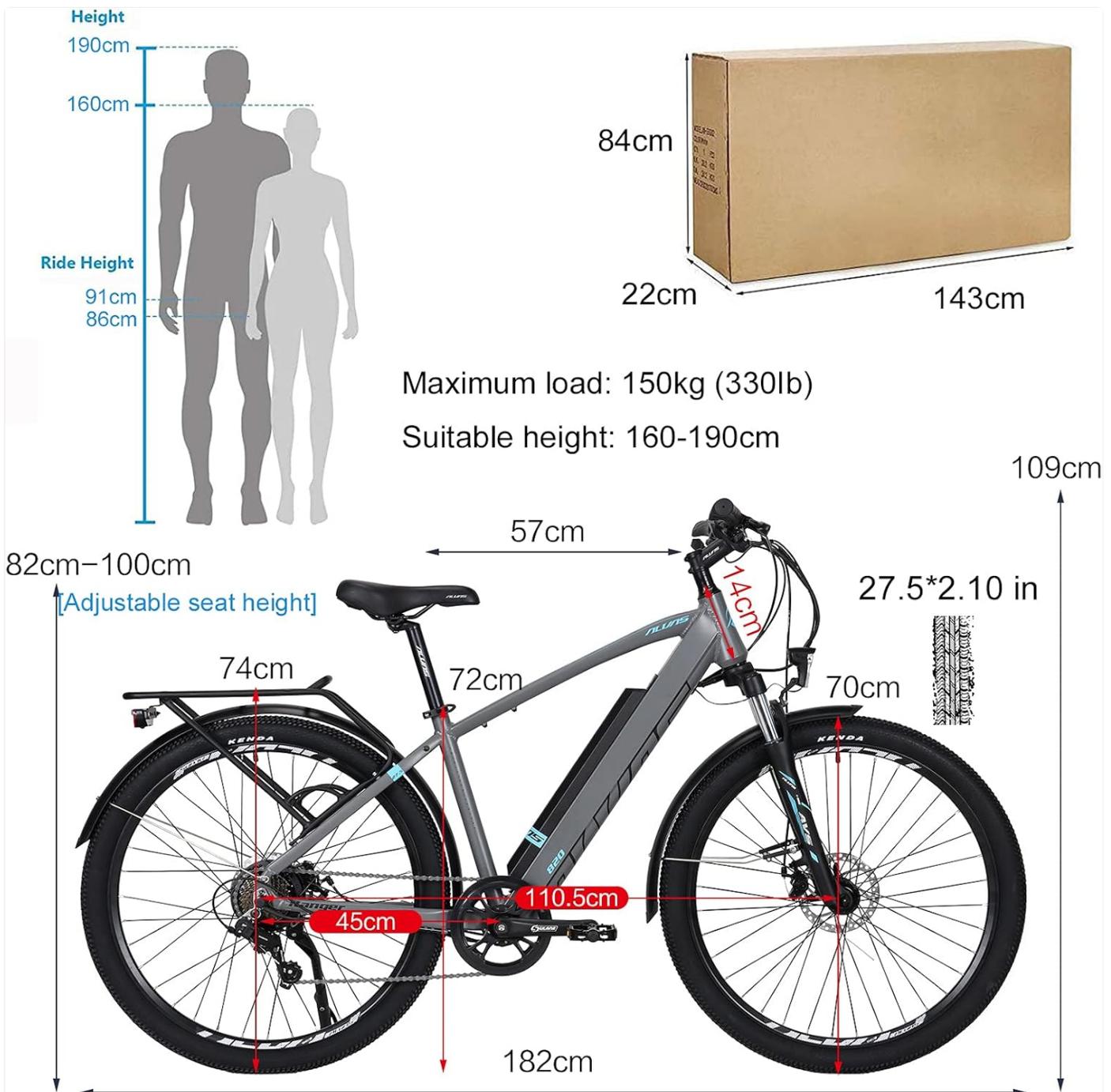


Figure 3.2: Side View of Assembled E-Bike

4. Operating Your E-Bike

4.1 Powering On/Off

To power on the e-bike, press and hold the power button on the LCD display. To power off, press and hold the same button until the display turns off.

4.2 LCD Display and Controls

The smart LCD display provides essential riding information, including battery status, current speed, distance traveled, and selected assist mode. Use the control buttons to navigate through modes and adjust settings.

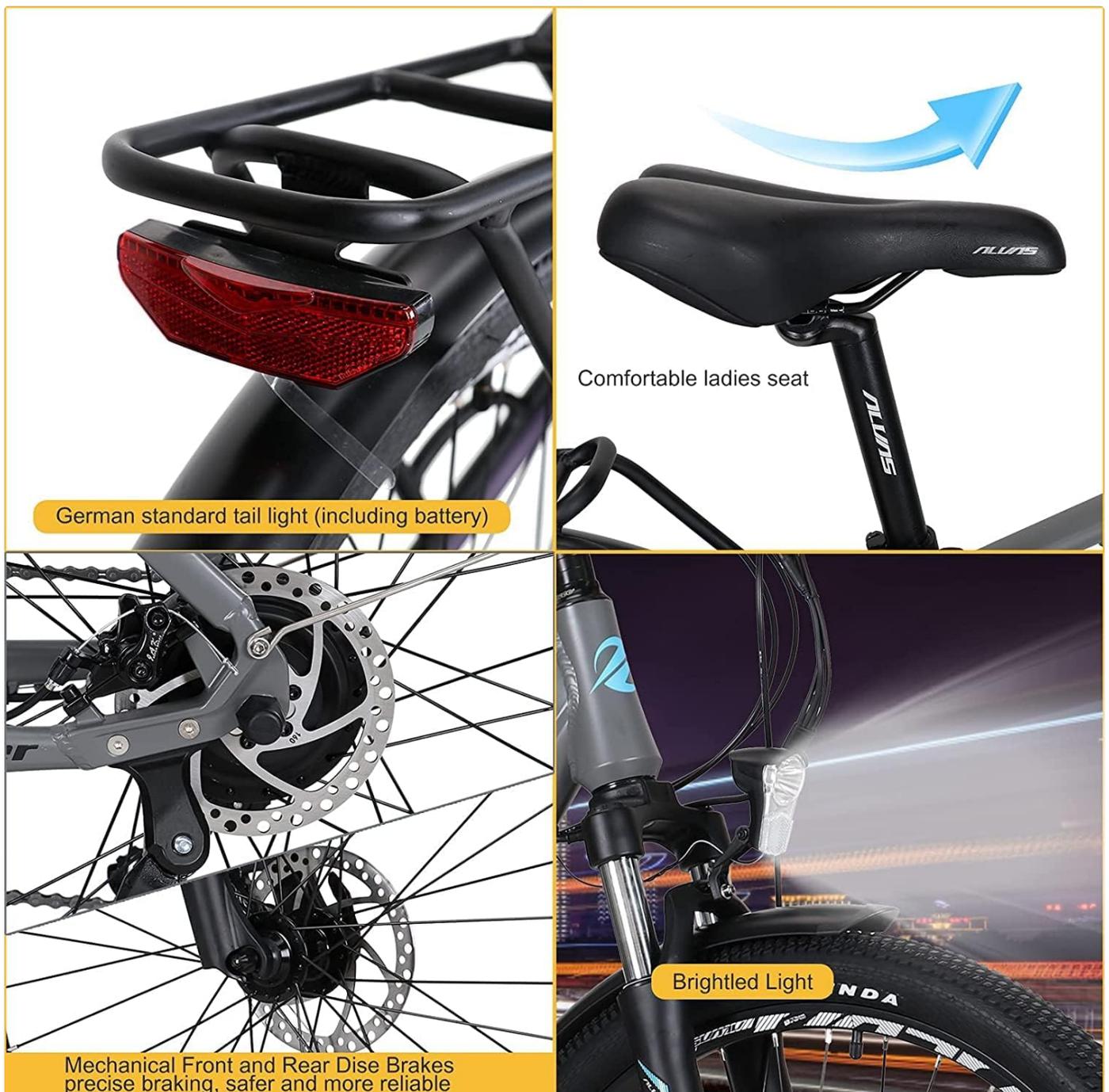


Figure 4.1: LCD Display and Handlebar Controls

4.3 Working Modes

Your Hyuhome E-Bike offers three distinct riding modes:

- **Pure Electric Mode:** Engage the throttle to accelerate without pedaling. This mode supports a range of 40-60 km.
- **Pedal Assist Mode:** The motor provides assistance as you pedal. The LCD display shows 1-5 gears (assist levels); higher gears provide more assistance. This mode supports a range of 70-90 km.
- **Pedal Mode:** Ride the e-bike like a traditional bicycle with no motor assistance.

4.4 Motor and Battery

The 250W brushless geared motor provides powerful and quiet assistance, suitable for inclines up to 25 degrees. The 36V 12.5Ah removable lithium battery is integrated into the frame and can be charged on or off the bike. A full charge takes approximately 5-6 hours.

Hyuhome

- Upgraded 18650 lithium ion battery
- Intelligent BMS :Battery Management System
- Super power 36V 12.5A is better than 10A or 8A
- Throttle mode: 40-60km
- Assist mode: 50-80km



Figure 4.2: 250W Rear Hub Motor



Figure 4.3: Integrated Lithium Battery

4.5 Gear System and Brakes

The Shimano 7-speed derailleurs provides smooth and efficient gear changes for various riding conditions. The mechanical front and rear disc brakes offer reliable stopping power and enhanced safety.

KENDA Tire/Inner Tube



Figure 4.4: Shimano 7-Speed Gear Set



SHIMANO 7-SPEED GEAR SET

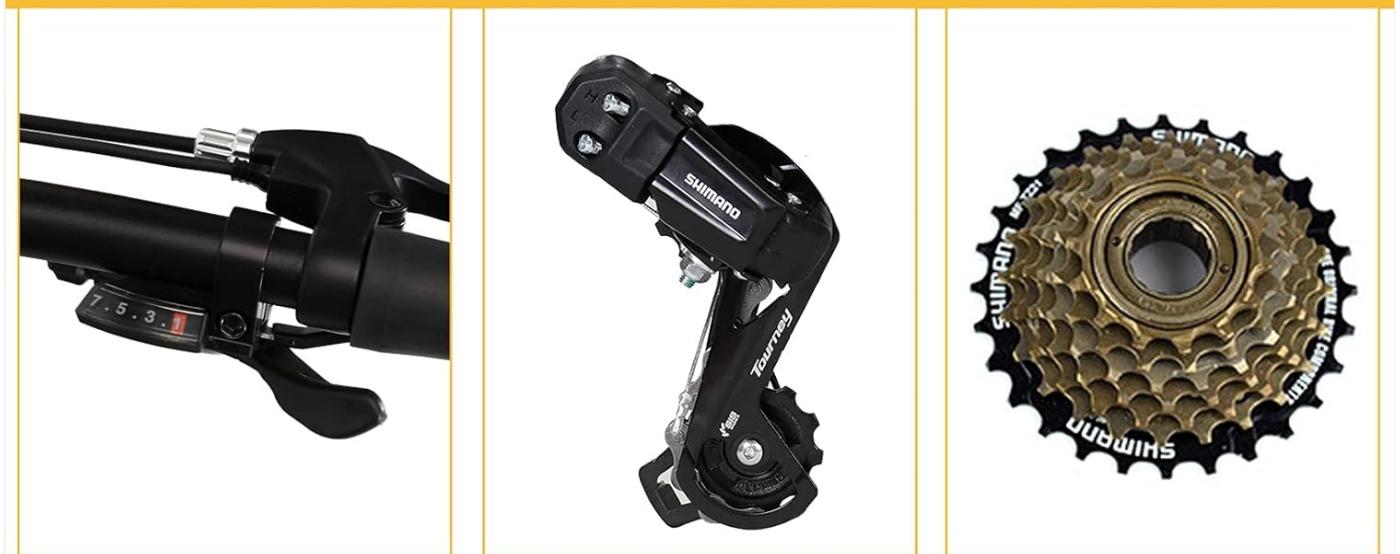


Figure 4.5: Brake System and Lighting

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your e-bike. Always disconnect the battery before performing any maintenance.

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure before each ride. Recommended pressure is typically indicated on the tire sidewall.
- **Brakes:** Inspect brake pads for wear and ensure brake levers are responsive. Adjust as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **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.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.

6. Troubleshooting

This section addresses common issues you might encounter with your e-bike. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
E-bike does not power on	Battery not charged or not properly installed; loose electrical connection.	Charge the battery; ensure battery is fully seated; check all cable connections.
Motor not assisting	Low battery; assist level set to 0; brake lever sensor engaged.	Charge battery; increase assist level on display; ensure brake levers are fully released.
Brakes feel weak	Worn brake pads; loose brake cable; contaminated rotors.	Inspect and replace brake pads; adjust brake cable tension; clean rotors with disc brake cleaner.
Gears are not shifting smoothly	Derailleur out of adjustment; dirty or dry chain; bent hanger.	Adjust derailleur; clean and lubricate chain; inspect hanger for damage.

7. Technical Specifications

Feature	Specification
Model	820M-27.5"-Grau
Brand	Hyuhome
Wheel Size	27.5 inches
Motor	250W Brushless Geared Motor
Battery	36V 12.5Ah Lithium-Ion (Removable)
Charging Time	5-6 hours
Max Speed	24 km/h (15 mph)
Range (Pure Electric)	40-60 km
Range (Pedal Assist)	70-90 km
Gears	Shimano 7-Speed
Brakes	Mechanical Disc Brakes (Front & Rear)
Frame Material	Aluminum
Suspension	Front Fork Suspension
Max Load Capacity	150 kg (330 lbs)
Suitable Height	160-190 cm

Feature	Specification
Included Components	E-bike (85% pre-assembled), Pedal/Saddle/other accessories, User/Installation Manual, Charging Tool, Charger

8. Warranty and Support

Huhome is committed to providing high-quality products and services. For any questions, technical assistance, or warranty claims, please do not hesitate to contact our customer support team. We offer professional and efficient customer service.

Customer Support Contact:

Video After-Sales WhatsApp: [+8618339810601](https://wa.me/8618339810601)

General WhatsApp: [+8613213105602](https://wa.me/8613213105602)

Please have your product model and purchase information ready when contacting support to ensure a quicker resolution.

