AMYET EB26

AMYET EB26 Electric Bike User Manual

Model: EB26

1. Introduction

This manual provides essential information for the safe operation, assembly, and maintenance of your AMYET EB26 Electric Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize your riding experience. The AMYET EB26 is designed for adults and features a powerful motor, long-range battery, and robust construction for various terrains.

2. Safety Information

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations for electric bikes.
- Perform a pre-ride inspection before each use, checking brakes, tire pressure, and battery level.
- Do not operate the bike under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Ensure all components are securely fastened before riding.
- Avoid riding in extreme weather conditions or on excessively slippery surfaces.

3. Package Contents

Your AMYET EB26 Electric Bike package includes the following items:

- AMYET EB26 Electric Bike (partially assembled)
- 48V 15AH Lithium-Ion Battery
- Battery Charger
- Tool Kit for assembly
- User Manual (this document)
- Rear Rack Bag (if included with your specific model)

4. Assembly Instructions

The AMYET EB26 Electric Bike arrives approximately 90% assembled. The following steps outline the remaining assembly process. It is recommended to have a second person assist with some steps.

1. **Unpacking:** Carefully remove the bike and all components from the packaging. Retain packaging materials for future transport or storage.
2. **Handlebar Installation:** Attach the handlebar to the stem. Ensure the brake levers and shifters are in a comfortable position and tighten all bolts securely.
3. **Front Wheel Installation:** Install the front wheel, ensuring the disc brake rotor is correctly seated within the caliper. Secure the quick-release skewer or axle nuts.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Apply a small amount of grease to the threads and tighten firmly.
5. **Seat Post and Saddle:** Insert the seat post into the frame and adjust the saddle height for comfortable riding. Secure the quick-release clamp.
6. **Fender Installation:** Attach the front and rear fenders using the provided hardware.
7. **Battery Installation:** Insert the 48V 15AH lithium-ion battery into its designated compartment on the frame. Ensure it clicks into place and is locked with the key.
8. **Final Checks:** Before your first ride, double-check all bolts, nuts, and quick releases for tightness. Verify brake function, tire pressure, and ensure the display powers on.



Image: The AMYET EB26 Electric Bike, showcasing its overall design and key components after assembly.

5. Components Overview

Understanding the main components of your AMYET EB26 is crucial for proper operation and maintenance.

- **Motor:** The EB26 is equipped with a 1000W high-speed brushless motor, with a peak power of up to 1500W,

providing assistance for speeds up to 32 mph and hill climbing.

- **Battery:** A removable 48V 15AH (720WH) Lithium-Ion battery powers the motor and display. It offers a range of 38-65 miles depending on the assist mode and terrain.
- **Display:** A digital LCD display provides information such as speed, battery level, trip distance, odometer, and Pedal Assist System (PAS) level. It also includes a USB port for charging devices.
- **Gears:** A professional 7-speed gearing system (TY21) allows for versatile riding across different terrains and inclines.
- **Tires:** 26x4.0-inch fat tires provide enhanced traction and stability on various surfaces, including mountains, snow, sand, and rocky paths.
- **Suspension:** Dual shock absorbers, including a lockable aluminum front fork, reduce impact from rough roads, enhancing ride comfort.
- **Brakes:** Dual mechanical disc brakes (ZOOM) on both front and rear wheels ensure reliable stopping power.
- **Frame:** Constructed from high-carbon steel for durability and strength.
- **Lighting:** Features an LED headlight and a brake taillight for visibility and safety.



Image: Illustration of the 1000W brushless motor and its specifications, including top speed, torque, and max slope.



Image: Visual representation of the 48V 15AH high-performance battery, highlighting its riding range and fast charge time.



Image: Depiction of the Shimano 7-speed gear system, emphasizing its suitability for various terrains and climbing.

6. Operating Instructions

6.1 Powering On/Off

To power on the bike, ensure the battery is securely installed and locked. Press and hold the power button on the LCD display. To power off, press and hold the power button again.

6.2 LCD Display Functions

The digital LCD display provides real-time riding data:

- **Speed:** Current riding speed.
- **Battery Level:** Indicates remaining battery charge.
- **PAS Mode:** Shows the current Pedal Assist System level (1-5).
- **TRIP/ODO:** Toggle between trip distance and total odometer.
- **USB Port:** Use to charge mobile devices.



Image: Close-up of the LCD display on the AMYET EB26 Electric Bike, showing speed, battery, and PAS level indicators.

6.3 Pedal Assist System (PAS)

The PAS provides motor assistance while you pedal. There are 5 adjustable levels:

- **Level 1:** Minimal assistance, ideal for light exercise or conserving battery.
- **Level 5:** Maximum assistance, for higher speeds or tackling steep inclines with less effort.

Use the '+' and '-' buttons on the control panel to adjust the PAS level.

6.4 Throttle Operation

The EB26 features a twist-grip throttle for motor-only propulsion. Gently twist the throttle to engage the motor without pedaling. The throttle provides power up to the maximum speed setting.

6.5 Gear Shifting

Utilize the 7-speed gear system to match your pedaling effort to the terrain. Shift gears smoothly by easing pressure on the pedals while operating the shifter. Lower gears are for climbing, higher gears for speed on flat terrain.

7. Battery Information

7.1 Charging the Battery

- The 48V 15AH battery can be charged on or off the bike.
- Connect the charger to a standard wall outlet and then to the battery's charging port.
- A full charge typically takes approximately 5 hours. The charger indicator light will change color when charging is complete.
- Do not leave the battery charging unattended for extended periods.



Image: The AMYET EB26 battery being charged, illustrating the connection points.

7.2 Battery Care and Storage

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, charge the battery to 50-70% every 2-3 months to maintain its health.
- Do not expose the battery to water or excessive moisture.

8. Maintenance

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

- **Tire Pressure:** Check tire pressure before each ride. Maintain pressure within the recommended range printed on the tire sidewall.
- **Brakes:** Regularly inspect brake pads for wear and ensure brake levers provide firm and responsive stopping power. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent premature wear.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- **Professional Service:** For complex repairs or adjustments, consult a qualified bicycle mechanic.

9. Troubleshooting

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged, battery not properly seated, power button not pressed correctly.	Charge battery, ensure battery is fully inserted and locked, press and hold power button.
Motor not assisting.	Low battery, PAS level set to 0, loose motor connection.	Charge battery, increase PAS level, check motor cable connections.
Brakes feel weak.	Worn brake pads, loose brake cable, air in hydraulic system (if applicable).	Inspect/replace brake pads, adjust brake cable tension, consult a mechanic.
Unusual noises during riding.	Loose components, dry chain, misaligned gears.	Check all fasteners, lubricate chain, adjust gears or consult a mechanic.

10. Specifications

Feature	Detail

Feature	Detail
Model Name	EB26
Bike Type	Electric Mountain Bike
Motor Power	48V 1000W Brushless (Peak 1500W)
Battery	48V 15AH (720WH) Lithium-Ion, Removable
Charging Time	Approx. 5 hours
Max Range	38-65 Miles (PAS mode dependent)
Max Speed	32 MPH (adjustable)
Gears	7-Speed (TY21)
Wheel Size	26 Inches
Tires	26x4.0 Inch Fat Tires
Brakes	Dual Mechanical Disc Brakes (ZOOM)
Suspension	Dual Shock Absorber (Lockable Front Fork)
Frame Material	High Carbon Steel
Display	Digital LCD with USB charging port
Max Load Capacity	330 LBS
Recommended Rider Height	5'4" - 6'3"
Certifications	CE, RoHS, FCC, UL, GCC

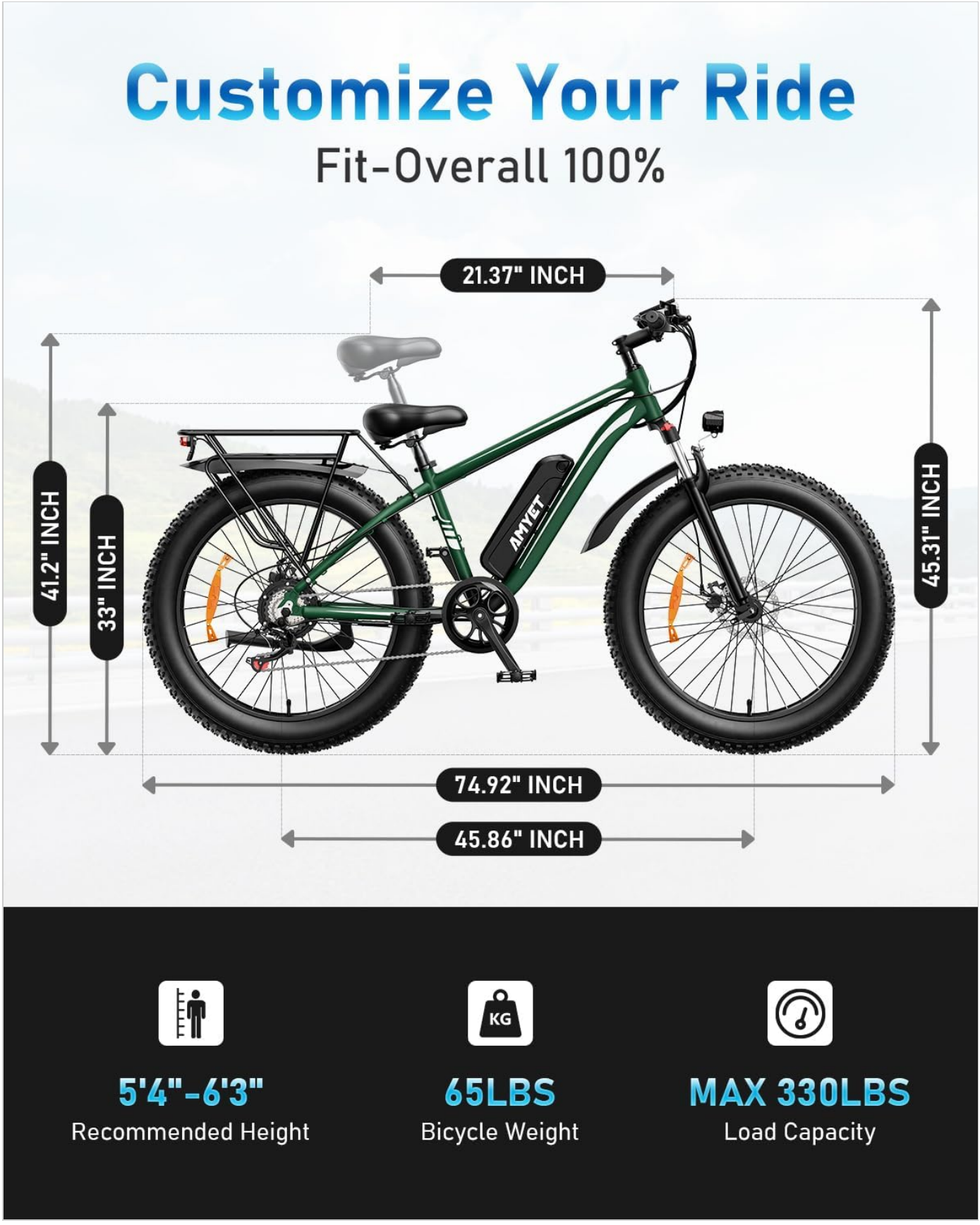


Image: Detailed diagram showing the dimensions, recommended rider height, bicycle weight, and load capacity of the AMYET EB26 Electric Bike.

11. Warranty and Support

11.1 Warranty Information

The AMYET EB26 Electric Bike comes with a 1-year full warranty. This warranty covers manufacturing defects in

materials and workmanship under normal use. Please refer to your purchase documentation for specific terms and conditions.

11.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your AMYET EB26 Electric Bike, please contact AMYET customer support:
Email: support@amyet.com
Please provide your model number (EB26) and purchase date when contacting support.

Ask a question about this manual

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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.

Submit question