AMYET EB26

AMYET EB26 Electric Fat Tire Mountain Bike User Manual

Model: EB26

Introduction

This manual provides essential instructions for the safe operation, assembly, maintenance, and troubleshooting of your AMYET EB26 Electric Fat Tire Mountain Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your e-bike.

Safety Information

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

- Always wear a helmet that meets safety standards.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery.
- Obey all local traffic laws and regulations.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Ensure the battery is securely locked before riding.
- Avoid riding in extreme weather conditions.

Package Contents

Upon opening the package, verify that all components are present:

- AMYET EB26 Electric Bike (95% pre-assembled)
- 48V 15AH Lithium-Ion Battery
- Battery Charger
- Front Wheel
- Handlebar

- Saddle and Seatpost
- Pedals
- Headlight
- Pannier Bag
- Tool Kit (for assembly)
- User Manual (this document)

Setup and Assembly

Your AMYET EB26 electric bike arrives 95% pre-assembled. The following steps detail the remaining assembly required before your first ride.

1. Unpacking and Initial Inspection

Carefully remove the bike and all components from the packaging. Inspect for any visible damage during transit. Retain the original packaging for potential future returns or transport.



Figure 1: The AMYET EB26 Electric Fat Tire Mountain Bike. This image shows the complete bike with its fat tires, front headlight, rear rack, and pannier bag.

2. Handlebar Installation

Attach the handlebar to the stem. Ensure the brake levers and shifters are positioned comfortably and securely tighten all bolts.



Figure 2: Close-up view of the handlebar area, showing the display, brake levers, and the front headlight mounted on the fork.

3. Front Wheel and Headlight Attachment

Install the front wheel into the fork dropouts, ensuring the disc brake rotor aligns correctly with the caliper. Secure the quick-release skewer or axle nuts. Attach the headlight to its designated mounting point, typically on the front fork or handlebar, and connect its wiring.



Figure 3: Detailed view of the front wheel, showing the fat tire tread pattern, disc brake rotor, and the front suspension fork.

4. Saddle and Seatpost Installation

Insert the seatpost into the frame's seat tube. Adjust the saddle height for comfortable pedaling and secure it with the quick-release lever or bolt.



Figure 4: View of the saddle, rear rack, and the attached pannier bag, highlighting the rear storage solution.

5. Pedal Attachment

Identify the left (L) and right (R) pedals. Thread the pedals into the crank arms. Remember that the left pedal has a reverse thread. Tighten firmly with a wrench.



Figure 5: Close-up of the pedals and the rear wheel, showing the drivetrain components and the rear disc brake.

6. Tire Inflation

Inflate both fat tires to the recommended pressure indicated on the tire sidewall. Use a pump with a pressure gauge.

7. Pannier Bag Attachment

Secure the included pannier bag to the rear rack using its integrated straps or hooks.

Charging the Battery

The AMYET EB26 is equipped with a 48V 15AH (720WH) removable Lithium-Ion battery. For optimal performance and longevity, follow these charging instructions:

1. Ensure the bike is turned off before charging.
2. The battery can be charged while installed on the bike or removed. To remove, unlock the battery with the key and slide it out.

3. Connect the charger's output plug to the battery's charging port.
4. Plug the charger into a standard electrical outlet (110-240V).
5. The charger indicator light will typically be red during charging and turn green when fully charged.
6. A full charge takes approximately 5-8 hours. Do not overcharge the battery.
7. Disconnect the charger once charging is complete.

Important: Only use the charger provided by AMYET. Using an unauthorized charger may damage the battery and void your warranty.

Operating Instructions

1. Powering On/Off

- To power on the bike, press and hold the power button on the display unit (usually located on the handlebar) for a few seconds.
- To power off, press and hold the same power button until the display turns off.

2. Pedal Assist System (PAS)

- The EB26 features multiple levels of pedal assist. Use the '+' and '-' buttons on the display to select your desired assist level (e.g., 0-5).
- When you pedal, the motor will provide assistance based on the selected level. Level 0 provides no assistance, while higher levels provide more power.
- The maximum range in PAS mode is approximately 60 miles, depending on terrain, rider weight, and assist level.

3. Throttle Operation

- The bike is equipped with a thumb throttle. Gently press the throttle to engage motor power without pedaling.
- The throttle can propel the bike up to 28mph. Use the throttle responsibly and be aware of local regulations regarding throttle use.

4. Gear Shifting (7-Speed)

- The EB26 has a 7-speed gear system. Use the shifter on the handlebar to change gears.
- Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding.
- Shift gears smoothly while pedaling to avoid strain on the drivetrain.

5. Braking (Disc Brakes)

- The bike is equipped with disc brakes for reliable stopping power.
- Apply both brake levers simultaneously for balanced and effective braking.
- Familiarize yourself with the braking feel in a safe, open area before riding in traffic.

6. Headlight Operation

- The integrated headlight can be turned on/off via a button on the display unit or a dedicated switch.
- Always use the headlight when riding in low-light conditions or at night for visibility.

Maintenance

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

- **Cleaning:** Wipe down the bike with a damp cloth after each ride. Avoid high-pressure washing directly on electrical components.
- **Tire Pressure:** Check tire pressure weekly. Maintain the recommended PSI (pounds per square inch) found on the tire sidewall.
- **Brake Inspection:** Regularly check brake pads for wear and ensure brake levers engage smoothly. Adjust or replace as needed.
- **Chain Lubrication:** Lubricate the chain every 100-150 miles or after riding in wet conditions to prevent rust and ensure smooth shifting.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every 1-2 months.
- **Fasteners:** Periodically check all bolts and nuts for tightness, especially on the handlebars, seatpost, and wheels.

Troubleshooting

This section addresses common issues you might encounter with your AMYET EB26.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not properly seated, power button not pressed correctly.	Charge the battery, ensure battery is fully inserted and locked, press and hold power button firmly.
Motor not assisting	PAS level set to 0, throttle not engaged, brake levers engaged, loose motor cable.	Increase PAS level, check throttle connection, ensure brake levers are fully released, inspect motor cable.
Brakes feel weak or noisy	Worn brake pads, contaminated rotors, loose caliper.	Inspect and replace brake pads, clean rotors with disc brake cleaner, tighten caliper bolts.
Gears are skipping or not shifting smoothly	Derailleur out of adjustment, bent hanger, dirty chain.	Adjust derailleur limits and cable tension, check for bent hanger, clean and lubricate chain.

Specifications

- **Model:** AMYET EB26
- **Motor:** 1000W Brushless Motor (Peak 1500W)
- **Battery:** 48V 15AH (720WH) Removable Lithium-Ion
- **Max Speed:** Up to 28 mph
- **Range:** 36 miles (throttle only), up to 60 miles (PAS mode)
- **Charging Time:** 5-8 hours
- **Tires:** 26" Fat Tires
- **Gears:** 7-Speed
- **Brakes:** Disc Brakes (Front and Rear)

- **Frame Material:** Aluminum
- **Suspension:** Dual Suspension
- **Special Features:** Headlight, Pannier Bag
- **Age Range:** Adult

Warranty and Support

The AMYET EB26 Electric Fat Tire Mountain Bike comes with a**1-year warranty** covering manufacturing defects. For warranty claims, technical support, or replacement parts, please contact AMYET customer service through the retailer where the product was purchased or visit the official AMYET website.
When contacting support, please have your purchase receipt and the product model number (EB26) ready.

© 2025 AMYET. All rights reserved.

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