

[Manuals.plus](#) /

› [EMotorad](#) /

› EMotorad Plymouth Electric Urban Bike User Manual

EMotorad Plymouth (8906154880661)

EMotorad Plymouth Electric Urban Bike User Manual

Model: Plymouth (8906154880661)

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your EMotorad Plymouth Electric Urban Bike. Please read this manual thoroughly before your first ride and keep it for future reference.

The EMotorad Plymouth is designed for urban commuting and leisure rides, featuring a lightweight aluminum frame, a powerful electric assist system, and comfortable riding characteristics.

2. SAFETY INFORMATION

Always prioritize safety when operating your electric bike. Failure to follow safety guidelines can result in serious injury or damage to the bike.

- Always wear a helmet that meets safety standards.
- Familiarize yourself with local traffic laws and regulations for electric bikes.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Ensure all quick releases and fasteners are securely tightened.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in adverse weather conditions if you are not experienced.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present:

- EMotorad Plymouth Electric Urban Bike (partially assembled)
- Removable Battery
- Battery Charger

- Tool kit
- User Manual (this document)

4. SETUP AND ASSEMBLY

Your EMotorad Plymouth bike comes partially assembled. Follow these steps for final assembly and initial setup.

4.1 Unpacking

Carefully remove the bike and all components from the packaging. Retain the packaging for future transport or storage.

4.2 Handlebar Installation

Attach the handlebars to the stem, ensuring they are centered and the brake levers and shifters are in a comfortable position. Tighten the stem bolts securely.



Image: Front section of the EMotorad Plymouth, showing handlebars and front basket.

4.3 Pedal Installation

Identify the left (L) and right (R) pedals. Apply a small amount of grease to the pedal threads. Screw the right pedal clockwise into the right crank arm and the left pedal counter-clockwise into the left crank arm. Tighten firmly with a

wrench.

4.4 Seat Post and Saddle Adjustment

Insert the seat post into the frame and adjust the saddle height for comfortable pedaling. Ensure the minimum insertion mark on the seat post is not visible. Secure the quick-release lever or bolt.

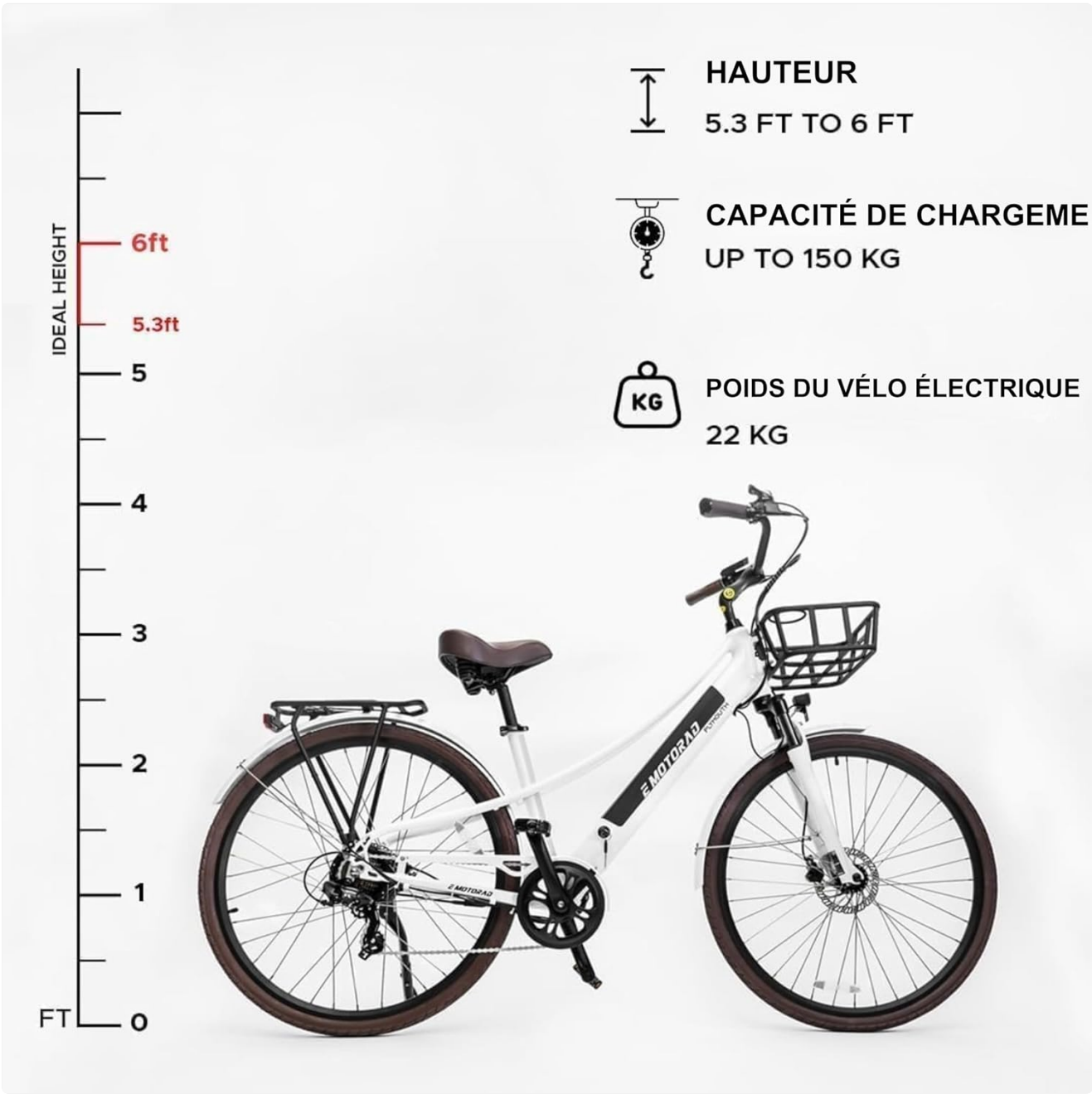


Image: Rider height guide and bike specifications.

4.5 Battery Installation and Charging

Insert the removable battery into its compartment in the frame. Ensure it clicks securely into place. Before your first ride, fully charge the battery using the provided charger. Connect the charger to the battery port and then to a power outlet. The indicator light on the charger will show charging status.

11.6AH CAPACITÉ



AMOVIBLE BATTERIE

Image: Removable 11.6Ah battery integrated into the bike frame.

4.6 Tire Inflation

Inflate the CST 700x40C tires to the recommended pressure indicated on the tire sidewall. Proper tire pressure is crucial for safety and performance.

5. OPERATING INSTRUCTIONS

Understand how to operate your EMotorad Plymouth for an optimal riding experience.

5.1 Powering On/Off

To power on the bike, press and hold the power button on the LCD display (APT-500S). To power off, press and hold the same button.



TEKTRO HYDRAULIC DISC BRAKES



APT-500S
ÉCRAN LCD



CADRE EN ALUMINIUM
6061 ALIGNÉ



AVANT ARRIÈRE
PORTE-BAGAGES



MOTEUR
À MOYEU ARRIÈRE

Image: APT-500S LCD screen on the handlebar.

5.2 LCD Display (APT-500S)

The advanced LCD screen displays important information:

- Battery Level Indicator
- Current Speed
- Pedal Assist System (PAS) Level (1-5)
- Trip Distance
- Odometer
- Cruise Control Status

5.3 Riding Modes and Pedal Assist

The Plymouth offers two riding modes:

- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. Use the '+' and '-' buttons on the display to select one of the 5 assistance levels. Level 1 provides minimal assistance, while Level 5 provides

maximum assistance.

- **Traditional Bike Mode:** The electric motor is off, and the bike operates like a standard bicycle.

PUISSANCE ILLIMITÉE

80+KM AUTONOMIE

VITESSE 25KM/H



Image: Performance metrics including 80+ km range and 25 km/h speed.

5.4 Gear Shifting

The bike is equipped with a Shimano 7-speed transmission. Use the trigger shifter on the handlebar to change gears according to terrain and desired pedaling effort. Shift gears smoothly to avoid strain on the drivetrain.



SHIMANO TOURNEY DÉRAILLEUR À 7 VITESSES

Image: Shimano Tourney 7-speed rear derailleur.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your EMotorad Plymouth.

6.1 Cleaning

Clean your bike regularly with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components, bearings, or the motor.

6.2 Tires

Check tire pressure before each ride and inflate to the recommended PSI. Inspect tires for wear, cuts, or embedded objects. The CST 700x40C tires are designed for puncture resistance.

6.3 Brakes

Regularly check the Tektro hydraulic disc brakes for proper function. Ensure brake levers engage smoothly and the bike stops effectively. Inspect brake pads for wear and replace them when necessary.



**FREINE AVEC PRÉCISION,
RÉAGIS EN TOUTE SÉCURITÉ**

Image: Close-up of the hydraulic disc brake system.

6.4 Drivetrain

Keep the chain clean and lubricated. Inspect the chain, cassette, and derailleur for wear or damage. A well-maintained drivetrain ensures smooth gear changes and extends component life.



Roulez sans effort avec la meilleure assistance électrique

**TU PÉDALES, NOUS
FOURNISSONS LA PUISSANCE**

Image: Pedal and chainring area, illustrating the pedal assist system.

6.5 Battery Care

Charge the battery regularly, even if not in use, to maintain its health. Store the battery in a cool, dry place. Avoid fully discharging the battery frequently. If storing for an extended period, charge it to 50-70% capacity.

6.6 Suspension

The front fork suspension helps absorb shocks. Keep the stanchions clean and free of dirt. Consult a professional bike mechanic for any complex suspension maintenance.



Image: Front fork suspension for shock absorption.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your EMotorad Plymouth.

Problem	Possible Cause	Solution
Bike does not power on	Battery not installed correctly or discharged. Loose electrical connection.	Ensure battery is fully inserted and charged. Check all visible cable connections.
Motor not assisting	PAS level set to 0. Battery low. Sensor issue.	Increase PAS level on the display. Charge the battery. Check pedal assist sensor for obstructions.
Brakes feel weak	Worn brake pads. Air in hydraulic system.	Inspect and replace brake pads if worn. If hydraulic, bleeding may be required by a professional.
Gears are not shifting smoothly	Deraillleur out of adjustment. Dirty or dry chain.	Clean and lubricate the chain. Adjust deraillleur limits and cable tension (consult a bike mechanic if unsure).
Unusual noises during riding	Loose components. Dry chain. Bearing issue.	Inspect all bolts and fasteners. Lubricate chain. If noise persists, seek professional inspection.

For issues not listed here or if solutions do not resolve the problem, please contact EMotorad customer support or a certified bike mechanic.

8. SPECIFICATIONS

Detailed technical specifications for the EMotorad Plymouth Electric Urban Bike.

Model Name: Plymouth

Model Number: 8906154880661

Bike Type: Electric Urban Bike

Frame Material: 6061 Aluminum

Motor: 36V 250W Electric Motor (Rear Hub)

Battery: 36V 11.6Ah (420 Wh) Removable Lithium Battery

Max Speed (Assisted): 25 km/h

Range (Assisted): Up to 80 km per charge

Gears: Shimano 7-speed (Trigger Shifter, Rear Derailleur)

Brakes: Tektro Hydraulic Disc Brakes (Front & Rear)

Tires: CST 700x40C Puncture-Resistant

Suspension: Front Fork Suspension

Display: APT-500S LCD (Battery, Speed, PAS Level, etc.)

Max Load Capacity: 150 kg

Bike Weight: 24.5 kg

Recommended Age Range: Adult

Assembly: Partial assembly required

Included Components: Tool kit

9. WARRANTY AND SUPPORT

EMotorad provides a comprehensive warranty for your Plymouth Electric Urban Bike.

9.1 Warranty Information

The bike frame is covered by a **Lifetime Warranty**. Other components are covered by a **Limited Manufacturer's Warranty**. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration for individual components.

9.2 Customer Support

For technical assistance, warranty claims, or spare parts, please contact EMotorad customer support. You can find contact information on the official EMotorad website or through your point of purchase.

Visit the official EMotorad store for more information: [EMotorad Store](#)