

PEXMOR EBike-BLK120

PEXMOR 14" Folding Electric Bike User Manual

Model: EBike-BLK120

1. INTRODUCTION

Thank you for choosing the PEXMOR 14" Folding Electric Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

This electric bike is designed for adult commuters and teens, offering a powerful 350W motor (500W peak), full suspension, and a 36V 6AH battery for efficient and comfortable urban travel. Its foldable design allows for easy storage and transport.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. This product complies with UL2849 standards for electrical safety.

2.1 Pre-Ride Checks

- **Brakes:** Ensure both front and rear disc brakes are functioning correctly and provide reliable stopping power.
- **Tires:** Check tire pressure and inspect for any damage or excessive wear.
- **Battery:** Verify the battery is securely installed and sufficiently charged for your ride.
- **Bolts and Fasteners:** Confirm all bolts, especially those on the handlebars and folding mechanisms, are securely tightened. Loose components can lead to loss of control.
- **Lights:** Test the bright LED headlight and brake alert tail light to ensure visibility, especially for night riding.

2.2 Battery Safety

The 36V 6AH battery features BMS (Battery Management System) technology for safety. Do not attempt to open or modify the battery pack. Use only the provided charger. Due to hazardous materials regulations, this item may be non-returnable if opened or used. Handle with care.

3. PRODUCT FEATURES

- **Powerful Motor:** Equipped with a 350W high-speed brushless motor (500W peak) for strong climbing power and a maximum speed of 15.5 mph (25 km/h).
- **Long-lasting Battery:** 36V 6AH battery with BMS technology provides 20-30KM (12.4-18.6 miles) in assist mode and 20±3KM (12.4±1.8 miles) in pure electric mode per charge.
- **Multiple Riding Modes:** Choose from Ordinary Bicycle, PAS (Pedal Assist System) Mode, and Electric Mode to suit your riding preference.
- **Dual Shock Absorption:** Features front and rear shock absorbers for a smoother and more comfortable ride across various road conditions.
- **Dual Disc Brakes:** Front and rear dual disc brakes offer enhanced control and reliable stopping performance.
- **Smart Lighting:** Bright LED headlight illuminates the path, and a brake alert tail light enhances safety during night rides.
- **Wider Wear-Resistant Tires:** Non-slip and wear-resistant rubber tires provide stability and durability on different terrains.
- **Adjustable Ergonomic Seat:** The comfortable seat can be easily adjusted to find the perfect riding position for various rider heights.
- **LED Display:** An intelligent LED display shows real-time battery life, allowing you to monitor remaining power easily.
- **Foldable Design:** The e-bike can be easily folded for convenient storage in vehicles, under tables, or in small spaces.

4. SETUP AND ASSEMBLY

The PEXMOR Electric Bike requires minimal assembly. A tool kit is included to assist with the process. Please ensure the battery is fully charged before your first use.

4.1 Initial Inspection

Upon receiving your bike, carefully inspect the packaging and the bike itself for any signs of shipping damage, such as dents or scratches. Report any issues to the seller immediately.

4.2 Assembly Steps

1. **Unpack:** Carefully remove the bike and all components from the packaging.
2. **Handlebar Installation:** Attach the handlebars to the stem. Ensure all bolts are securely fastened to prevent movement during operation.
3. **Pedal Installation:** Install the left and right pedals. Note that pedals are typically marked 'L' for left and 'R' for right, and the left pedal often has a reverse thread.
4. **Fender Installation:** Attach the front and rear fenders.
5. **Seat Adjustment:** Adjust the seat height to a comfortable and safe riding position.
6. **Battery Charge:** Connect the charger to the bike's charging port and a power outlet. Allow the battery to fully charge before your first ride. The LED display will indicate charging status.

After assembly, double-check all connections and fasteners to ensure they are tight and secure.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the bike, press and hold the power button on the handlebar display. To power off, press and hold the same button.

5.2 Riding Modes

- **Ordinary Bicycle Mode:** Ride the bike like a traditional bicycle, using pedal power only.
- **PAS (Pedal Assist System) Mode:** The motor provides assistance as you pedal. The level of assistance can usually be adjusted via the handlebar controls.
- **Electric Mode:** Use the twist throttle on the handlebar to engage the motor and ride without pedaling.

5.3 Display and Controls

The intelligent LED display shows crucial information such as battery life. The handlebar controls allow you to switch between riding modes, operate the twist throttle, and control the lighting system.



Handlebar controls with LED display and lighting switch.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your PEXMOR Electric Bike.

6.1 Battery Care

- Charge the battery fully after each use, especially if it will be stored for an extended period.
- Avoid completely draining the battery before recharging.
- Store the bike and battery in a cool, dry place, away from direct sunlight and extreme temperatures.

6.2 Brake System

Regularly inspect the front and rear disc brakes for wear on the pads and rotors. Ensure the brake levers provide firm and responsive stopping power. Adjust or replace components as needed.



Front wheel with disc brake and durable tire.

6.3 Tires

Check tire pressure before each ride. The wider wear-resistant tires are designed for various road types, but proper inflation is crucial for safety and performance. Inspect for punctures or excessive wear and replace if

necessary.

6.4 General Cleaning

Clean your bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components. Lubricate the chain periodically.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your PEXMOR Electric Bike.

7.1 Power Issues

- **Bike not turning on:** Ensure the battery is fully charged and properly seated in its compartment. Check all electrical connections for looseness.
- **Motor not engaging:** Verify you are in PAS or Electric Mode. Check the battery level on the LED display. Ensure the twist throttle is functioning correctly.

7.2 Mechanical Issues

- **Loose Handlebars:** If handlebars feel loose or detach, immediately stop riding. Inspect the handlebar stem and tightening mechanism. Ensure the bolt that secures the handlebar is present and fully tightened. If a bolt is missing, contact customer support for a replacement.
- **Brake Malfunction:** If brakes feel spongy or ineffective, check brake cables for tension and damage. Inspect brake pads for wear and replace if necessary.
- **Unusual Noises:** Investigate any new or unusual noises. This could indicate loose components, worn parts, or issues with the motor or drivetrain.

7.3 Physical Damage

If you notice any physical damage, such as dents on the frame, upon arrival or after use, document it with photos and contact customer support. Do not operate the bike if structural integrity is compromised.

8. SPECIFICATIONS

Feature	Specification
Brand	PEXMOR
Model Name	EBike-BLK120
Bike Type	Electric Bike
Age Range (Description)	Adult
Color	Black
Wheel Size	14 Inches
Motor Wattage	350 watts (Peak 500W)
Battery	36V 6AH











Feature	Specification
Max Speed	15.5 mph (25 km/h)
Max Range (Assist Mode)	20-30 KM
Max Range (Pure Electric Mode)	20±3 KM
Maximum Weight Recommendation	265 Pounds (120 KG)
Frame Material	Carbon Steel
Suspension Type	Rear
Brake Style	Disc
Special Feature	Folding
Included Components	Tool Kit
Recommended Rider Height	4.95-5.9 FT (150-180 cm)
Bike Weight	50 LBS (22.8 KG)
UPC	810158426450

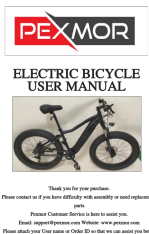
9. WARRANTY AND SUPPORT

For specific warranty details, please refer to the product packaging or contact PEXMOR customer support directly. The manufacturer's warranty information was not explicitly provided in the product data.

For any inquiries, technical assistance, or to order replacement parts, please contact the seller, VINGLI-Direct, or PEXMOR customer support. Keep your purchase receipt and model number (EBike-BLK120) handy for faster service.

No official product videos from the seller were available for embedding in this manual.

<div data-bbox="140 114 280 344"><p>ELECTRIC BICYCLE USER MANUAL</p><p>Thank you for your purchase. Please contact us if you have difficulty with assembly or need replacement parts. Please contact Customer Service to learn to use your bike. Email: support@pexmor.com Website: www.pexmor.com Please attach your Order Number or Order ID so that we can assist you better.</p></div>	<p>Pexmor Electric Bicycle User Manual</p> <p>User manual for the Pexmor Electric Bicycle, covering assembly, specifications, maintenance, LCD instrument usage, warranty, and FAQs.</p>
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[Pexmor Electric Bicycle User Manual: Assembly, Operation, and Maintenance](#)

Comprehensive user manual for the Pexmor electric bicycle, covering assembly instructions, LCD instrument operation, maintenance tips, warranty information, and troubleshooting FAQs.