

MEGAWHEELS EB01

MEGAWHEELS Peak 1500W Moped-Style Ebike User Manual

Model: EB01 | Brand: MEGAWHEELS

1. SAFETY INFORMATION

Your safety is paramount. Please read and understand all instructions before operating the MEGAWHEELS Peak 1500W Moped-Style Ebike. Always wear a helmet and appropriate safety gear. Adhere to all local traffic laws and regulations.

- **Pre-Ride Check:** Before each ride, ensure tires are properly inflated, brakes are functioning correctly, and all components are securely fastened.
- **Visibility:** The ebike is equipped with bright LED headlights and taillights for enhanced visibility, especially during nighttime rides. Always use them when riding in low-light conditions.
- **Weight Limit:** Do not exceed the maximum weight recommendation of 330 pounds.
- **Water Resistance:** The battery features an IP54 waterproof rating, offering protection against splashes. Avoid submerging the ebike in water.
- **Certifications:** This ebike is safety tested to UL 2272 & UL 2849 standards.

2. PRODUCT OVERVIEW

The MEGAWHEELS Peak 1500W Moped-Style Ebike is designed for versatile riding across various terrains, offering a blend of power, range, and comfort.

- **Motor:** Features a powerful 500W rated brushless hub motor, capable of reaching 1500W peak power.
- **Battery:** Equipped with a 15.6Ah detachable battery, providing an electric-only range of up to 40 miles and a pedal-assist range of up to 75 miles. Full charge time is approximately 6-7 hours.
- **Suspension & Brakes:** Includes a 6-level suspension system with front fork shock absorbers and dual disc brakes (front and rear) for a smooth and controlled ride.

- **Tires:** Fitted with durable 20" x 4" fat tires, designed to adapt to various terrains including mountain, snow, sand, and road.
- **Gear System:** Features a 7-speed gear system for smooth shifting and adaptability to different riding conditions.
- **Riding Modes:** Offers three distinct riding modes: Electric Bike, Pedal-Assist Bike, and Regular Bike.



The MEGAWHEELS Peak 1500W Moped-Style Ebike, showcasing its robust design and fat tires.

3. SETUP & ASSEMBLY

The MEGAWHEELS Peak 1500W Ebike comes 90% pre-assembled, simplifying the setup process. Minor assembly is required for components such as the front wheel, handlebars, pedals, and fenders.

- Carefully remove all components from the packaging.
- Attach the front wheel, ensuring the disc brake is correctly aligned with the caliper.
- Install the handlebars, adjusting them to a comfortable riding position.
- Attach the pedals (note: left and right pedals are distinct).
- Secure the front and rear fenders.
- Ensure the battery is securely installed and charged before first use.

For detailed visual instructions on assembly, please refer to the assembly video provided on the product listing page.

4. OPERATING INSTRUCTIONS

4.1 Riding Modes

Your ebike offers three versatile riding modes:

- **Electric Bike Mode:** Full throttle, no pedaling required. Ideal for effortless cruising.
- **Pedal-Assist Bike Mode:** The motor provides assistance as you pedal, extending your range and making climbs easier. The level of assistance can be adjusted via the digital display.
- **Regular Bike Mode:** Power is off, and the ebike functions as a traditional bicycle, relying solely on pedal power.

4.2 Digital Display

The real-time smart display provides essential information such as current speed, battery status, and pedal-assist level. Use the controls near the display to switch between modes and adjust settings.



The ebike's real-time smart display showing speed and battery information.

4.3 Speed Limit Removal

The ebike comes with a factory default speed limit. To remove this limit and achieve higher speeds (up to

31-32 MPH, depending on rider weight and terrain), follow these steps:

1. Turn on the battery and ignition key.
2. Hold the left brake lever.
3. Press and hold the "M" button to turn on the display.
4. While holding the brake lever and "M" button, twist the throttle to the maximum.
5. Release the brake lever. The speed limit should now be removed.

To restore the speed limit, repeat the above steps.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your MEGAWHEELS Ebike.

- **Tire Pressure:** Check tire pressure regularly and maintain it according to the recommended levels indicated on the tire sidewall.
- **Brakes:** Inspect brake pads and discs for wear. Ensure brake levers engage smoothly and provide adequate stopping power.
- **Chain & Gears:** Keep the chain clean and lubricated. Check the 7-speed gear system for smooth operation and adjust if necessary.
- **Battery Care:** Charge the battery fully after each ride. For long-term storage, charge the battery to about 50-70% and store it in a cool, dry place. Avoid fully discharging the battery.
- **Cleaning:** Clean the ebike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Fasteners:** Periodically check all nuts, bolts, and screws to ensure they are tight.

6. TROUBLESHOOTING

If you encounter issues with your ebike, refer to the following common troubleshooting tips:

- **Ebike Not Turning On:** Ensure the battery is fully charged and properly seated. Check that the ignition key is turned to the ON position.
- **Motor Not Engaging:** Verify that the ebike is in Electric or Pedal-Assist mode. Check all electrical connections for looseness.
- **Reduced Range:** This could be due to low tire pressure, riding in high-assist modes frequently, or riding against strong headwinds. Ensure proper tire inflation and consider using lower assist levels.
- **Brake Noise:** Clean brake discs and pads. If noise persists or braking performance is reduced, inspect for wear and consider replacement.

For persistent issues or problems not listed here, please contact MEGAWHEELS Customer Support.

7. SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike

Age Range (Description)	Adult
Brand	MEGAWHEELS
Model Name	EB01
Number of Speeds	7
Color	Black1
Wheel Size	20 Inches
Frame Material	Carbon Steel
Suspension Type	Front
Special Feature	Lightweight, Taillight
Included Components	E-Bike
Brake Style	Front and rear disc brakes
Wheel Width	4 Inches
Power Source	Electric motor
Wattage	500 Watt-hours
Wheel Material	Alloy Steel
Lithium Battery Energy Content	15600 Milliampere Hour (mAh)
Maximum Weight Recommendation	330 Pounds
Assembly Required	Yes
Bicycle Gear Shifter Type	Twist Grip
Number of Handles	2
UPC	191709002065
Bicycle Drivetrain Type	Hub Motor with Derailleur/Internal Hub Gears
Electric Assist Type	Pedelec, Throttle
Item Dimensions L x W x H	64.9 x 25.1 x 41.7 inches
Package Weight	98.9 Pounds

8. WARRANTY & SUPPORT

The MEGAWHEELS Peak 1500W Moped-Style Ebike comes with a **1-Year Limited Warranty** from the manufacturer.

For any questions, technical assistance, or warranty claims, please contact MEGAWHEELS Customer Support through the official channels provided at the time of purchase or on the product's official website.

