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› Bodywel M16 Electric Bicycle User Manual

Bodywel M16

Bodywel M16 Electric Bicycle User Manual

Model: M16

INTRODUCTION

Thank you for choosing the Bodywel M16 Electric Bicycle. This manual provides essential information for the safe assembly, operation, and maintenance of your e-bike. Please read it thoroughly before your first ride and keep it for future reference.



Image: The Bodywel M16 Electric Bicycle, showcasing its robust design and fat tires.

SAFETY WARNINGS

Always prioritize safety when operating your electric bicycle. Failure to follow these instructions may result in serious injury or damage to the product.

- Wear a helmet and appropriate safety gear at all times.
- Ensure all components are securely fastened before each ride.
- Familiarize yourself with local traffic laws and regulations for electric bicycles.
- Do not ride under the influence of alcohol or drugs.
- Regularly check tire pressure, brake function, and battery charge.
- Avoid riding in extreme weather conditions or on excessively slippery surfaces.

SETUP AND ASSEMBLY

Your Bodywel M16 Electric Bicycle requires some assembly. Please follow these steps carefully.

Included Components:

- 1 x Electric Bicycle
- Charger
- Fenders
- User Manual

Assembly Steps:

1. **Unboxing:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and tightened securely.
3. **Pedal Attachment:** Identify the left (L) and right (R) pedals. The right pedal threads clockwise, and the left pedal threads counter-clockwise. Ensure they are fully tightened.
4. **Front Wheel Installation:** Install the front wheel, ensuring the quick-release skewer or axle nuts are properly secured.
5. **Seat Post Adjustment:** Insert the seat post and adjust the seat height for a comfortable riding position, ensuring the quick-release clamp is firmly closed.
6. **Fender Installation:** Attach the front and rear fenders as per the instructions in the included user manual.
7. **Initial Battery Charge:** Fully charge the battery before the first use. Connect the charger to the battery port and then to a power outlet. The indicator light on the charger will change when fully charged.

Conducción cómoda y segura

Asiento de espuma moldeada en 3D

Suspensión completa

Frenos de disco dobles

Frenos de disco dobles

+58%
de eficiencia

+60%
de potencia de frenado

+75%
de funcionamiento más suave

Frenadas más cortas, viajes más seguros

Image: Close-up of the handlebar, showing the LCD display and control buttons for lights and power assist.

OPERATING INSTRUCTIONS

Understand the functions of your Bodywel M16 for an optimal riding experience.

Powering On/Off

- To power on, press and hold the power button on the LCD display.
- To power off, press and hold the power button again.

LCD Display

The 4-inch color LCD display provides real-time information:

- Speed (current, average, max)
- Battery level indicator
- Assistance level (1-5)

- Trip distance and total odometer
- Error codes (if any)

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Image: The LCD display showing speed, battery, and other ride data, with controls for lights and assistance levels.

Assistance Modes

The Bodywel M16 features 5 levels of pedal assistance. Use the '+' and '-' buttons on the control panel to adjust the assistance level. Higher levels provide more motor power, allowing the bike to easily overcome inclines of up to 30 degrees.

Lighting System

Activate the integrated 6.5-inch LED headlight (IPX5 waterproof) and taillight using the dedicated light switch on the handlebar. The taillight includes brake light, turn signal, and position light functions for enhanced visibility, day and night.

Sistema de seguridad 360°

Visible día y noche

Un potente faro delantero de 900LM ilumina el camino en la oscuridad. Simultáneamente, la luz trasera altamente visible con luces de freno e intermitentes alerta a los conductores traseros, comunicando claramente sus intenciones para prevenir colisiones.



Interruptor de luces



Faro delantero brillante 900LM



Luces de freno & intermitentes

Image: Illustration of the 360-degree security lighting system, highlighting the bright front LED headlight and integrated rear lights with brake and turn signal functions.

Braking

The M16 is equipped with reliable dual disc brakes on both the front and rear wheels for effective stopping power. Apply both brake levers smoothly and evenly for optimal braking performance.

Two side-by-side close-up photographs of the dual disc brakes on the front and rear wheels. The front wheel on the left has a yellow 'M16' sticker. The rear wheel on the right shows the brake lever and disc. Both discs are perforated for better braking performance.

Frenadas más cortas, viajes más seguros

Frenos de disco dobles

- +58% de eficiencia
- +60% de potencia de frenado
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Image: Close-up view of the dual disc brakes, emphasizing their design for shorter stopping distances and safer rides.

All-Terrain Capability

The 16x4.0 inch wide fat tires and full suspension system (front and rear) provide excellent traction and shock absorption, allowing for comfortable and stable riding on various terrains including asphalt, gravel, forest trails, and snow.

Tu recorrido en datos



● **Tablero de color de 4 pulgadas** muestra cada detalle

● **3 veces más claro** que las pantallas monocromáticas

● **Estadísticas en tiempo real** de un vistazo



Image: The 16x4.0 inch fat tires shown performing on different surfaces like snow, desert, and city streets, highlighting their versatility.

MAINTENANCE

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

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Store in a cool, dry place. The removable battery with smart BMS supports safe and fast charging (4-6 hours).
- **Tire Pressure:** Check tire pressure before each ride. Refer to the tire sidewall for recommended pressure.
- **Brake Inspection:** Regularly inspect brake pads and rotors for wear. Adjust brake cables as needed to ensure proper function.
- **Chain Lubrication:** Keep the chain clean and lubricated to prevent rust and ensure smooth pedaling.
- **Fastener Check:** Periodically check all bolts and fasteners for tightness, especially on critical components like handlebars, seat post, and wheels.
- **Cleaning:** Clean your e-bike with a damp cloth. Avoid high-pressure washing directly on electrical components.

TROUBLESHOOTING

If you encounter issues with your Bodywel M16, refer to these common troubleshooting tips:

Problem	Possible Cause	Solution
E-bike does not power on	Low battery, loose battery connection, power button not pressed correctly.	Charge battery, ensure battery is securely seated, press and hold power button.
Motor not assisting	Low battery, assistance level set to zero, sensor issue.	Check battery charge, increase assistance level on display, inspect pedal assist sensor.
Brakes feel weak	Worn brake pads, loose brake cable, air in hydraulic system (if applicable).	Inspect and replace brake pads, adjust cable tension, consult a professional for hydraulic systems.
Unusual noises	Loose components, dry chain, rubbing parts.	Check all fasteners, lubricate chain, identify and adjust rubbing components.

If the problem persists, please contact customer support.

SPECIFICATIONS

Key technical specifications for the Bodywel M16 Electric Bicycle:

- **Model:** M16
- **Motor:** 250W Brushless Hub Motor (70 Nm torque, 750W peak power)
- **Battery:** 48V 13Ah Removable Lithium-ion with Smart BMS
- **Max Speed:** 25 km/h (15.5 mph)
- **Range (PAS):** Up to 80 km (50 miles) per charge
- **Tires:** 16x4.0 inch Fat Tires
- **Suspension:** Full Suspension (Front and Rear)
- **Brakes:** Dual Disc Brakes
- **Display:** 4-inch Color LCD
- **Lights:** Integrated LED Headlight (IPX5), Integrated Taillight (Brake, Turn Signal, Position)
- **Frame Material:** High-carbon Steel
- **Max Load:** 150 kg (330 lbs)
- **Product Dimensions:** 145 x 28 x 118 cm
- **Product Weight:** 34 kg (75 lbs)
- **Recommended User Height:** 155 cm and above
- **Charging Time:** 4-6 hours

16"x4.0"

**Neumático ancho de
pulgadas para todo terreno**

Conducción suave en cualquier lugar



Image: Diagram showing the dimensions of the Bodywel M16 Electric Bicycle, including height, length, and handlebar width, along with weight and load capacity.

Bodywel M16
Aventura Todo Terreno

16" x 4.0" Neumático
Ancho Bicicleta Eléctrica



Image: An infographic summarizing key features such as full suspension, 25 km/h max speed, 4 riding modes, 50-70 km range, 250W motor, 48V 13.5Ah battery, 80 Nm torque, 25-degree climbing capacity, and 16x4 inch fat tires.

WARRANTY INFORMATION

The Bodywel M16 Electric Bicycle comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your Bodywel M16 Electric Bicycle, please contact Bodywel customer service. Refer to your purchase documentation for specific contact details or visit the official Bodywel website.

Seller: Bodywel

Online Store: [Bodywel Amazon Store](#)

