

DEEPOWER K301

DEEPOWER Electric Bicycle User Manual

Model: K301

1. SAFETY INFORMATION

Before operating your DEEPOWER Electric Bicycle, please read and understand all safety instructions. Failure to follow these instructions may result in serious injury or damage to the bicycle.

1.1 General Safety Guidelines

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

1.2 Battery Safety

- Use only the charger provided by DEEPOWER.
- Do not expose the battery to extreme temperatures or direct sunlight.
- Do not puncture, drop, or disassemble the battery.
- Charge the battery in a well-ventilated area, away from flammable materials.

1.3 Riding Conditions

- Avoid riding in heavy rain, snow, or icy conditions.
- Exercise caution on uneven or slippery surfaces.
- The maximum weight recommendation for the rider is 264 pounds. Do not exceed this limit.

2. PACKAGE CONTENTS

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

- DEEPOWER Electric Bicycle (95% pre-assembled)
- Charger
- E Bike Accessory Kit



Image: The DEEPOWER Electric Bicycle, showcasing its compact and foldable design.

3. SETUP AND ASSEMBLY

Your DEEPOWER Electric Bicycle arrives 95% pre-assembled. The remaining steps are straightforward and designed for quick setup.

3.1 Unfolding the Bicycle

1. Carefully remove the bicycle from its packaging.
2. Locate the main frame hinge and unfold the bicycle until it locks into place. Ensure the locking mechanism is securely engaged.
3. Raise the handlebar stem and secure it with the quick-release lever. Adjust the handlebar height to your preference.
4. Adjust the seat post height using the quick-release lever for a comfortable riding position.
5. Unfold the pedals.



ABOUT DEEPOWER

Focuses on the development and upgrading of electric bicycles, is committed to optimizing product functions, enriches product lines according to the needs of different customers, and creates a variety of personalized and powerful electric bicycles.

We hope to create a relaxing, fun and eco friendly lifestyle for people through ebikes.

Image: The DEEPOWER Electric Bicycle in its upright, ready-to-ride configuration.



Image: Demonstration of the bicycle's folding mechanism for compact storage.

3.2 Battery Installation and Charging

The 48V 10Ah lithium battery is removable for convenient charging.

1. To remove the battery, unlock it with the provided key and slide it out from its compartment.
2. Connect the charger to the battery charging port, then plug the charger into a standard wall outlet.
3. The charging indicator on the charger will show the charging status. A full charge typically takes 5-6 hours.
4. Once fully charged, disconnect the charger and re-install the battery securely into the bicycle, ensuring it locks into place.

Removable Lithium Battery



48V 10Ah
Battery

20-35MILES
Mileage

5-6H
Charging Time

Image: Close-up view of the removable 48V 10Ah lithium battery, indicating its capacity and charging time.



Image: A hand demonstrating the removal or installation of the electric bicycle's battery.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and features of your DEEPOWER Electric Bicycle for an optimal riding experience.

4.1 Powering On/Off

To power on the bicycle, insert the key into the ignition and turn it to the 'ON' position. To power off, turn the key to the 'OFF' position and remove it.

4.2 Speed Modes

The electric bike features 3 adjustable speed gears. Use the speed gear selector on the left handlebar to switch between modes:

- **Mode 1:** Lowest assist/speed, ideal for casual riding or conserving battery.
- **Mode 2:** Medium assist/speed, suitable for general commuting.
- **Mode 3:** Highest assist/speed, for maximum power and acceleration (up to 20 MPH unlocked).



Image: View of the handlebar controls, including the speed gear selector and other operational buttons.

4.3 Lighting System

The bicycle is equipped with an LED bright headlight, tail light, and turn signals for enhanced visibility and safety, especially during night riding. Operate these lights using the controls on the handlebar.

4.4 USB Charging Port

A USB cell phone holder with a 2.1A fast charging port is integrated for convenient charging of your mobile devices during your journey.

4.5 Braking System

The DEEPOWER Electric Bicycle utilizes mechanical disc brakes for reliable stopping power. Apply both brake levers simultaneously for effective and controlled braking.



Image: Detailed view of the mechanical disc brake system, highlighting its components.

4.6 Motor and Tires

The bicycle is powered by a 400W motor, providing ample power for daily commutes. It features 14-inch thickened rubber vacuum tires designed for anti-skid and wear-resistant performance, suitable for various terrains.



Image: An internal view of the 400W variable frequency high-speed motor.



Image: The 14-inch vacuum anti-blowout tire, emphasizing its durability and grip on various surfaces.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your DEEPOWER Electric Bicycle.

5.1 Tire Care

- Check tire pressure regularly. Maintain appropriate pressure as indicated on the tire sidewall for optimal performance and safety.
- Inspect tires for wear, cuts, or punctures before each ride.

5.2 Brake System

- Regularly inspect brake pads for wear and replace them when necessary.
- Ensure brake levers are responsive and provide adequate stopping power. Adjust brake cables if needed.

5.3 Battery Maintenance

- Charge the battery fully after each ride, especially if it has been significantly discharged.

- If storing the bicycle for an extended period, charge the battery to 50-70% and store it in a cool, dry place. Recharge every 1-2 months to prevent deep discharge.

5.4 Cleaning

- Clean the bicycle with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components.
- Lubricate the chain regularly to ensure smooth operation.

5.5 Suspension System

The bicycle features a center shock absorber for a comfortable ride. Periodically inspect the suspension components for any signs of wear or damage.



Image: Visual representation of the comprehensive damping system, including fork, spring, and hydraulic damping components.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your DEEPOWER Electric Bicycle.

6.1 Common Questions

- **Is this bike complicated to assemble?**
This bike is 95% pre-assembled. You only need to complete the remaining simple assembly steps, such as unfolding and adjusting the handlebars and seat.
- **The motor is not engaging.**
Ensure the battery is fully charged and properly seated. Check all electrical connections for looseness. Verify the key is in the 'ON' position.
- **The lights are not working.**
Check the battery charge level. Ensure the light switch is in the 'ON' position.
- **Brakes feel weak.**
Inspect brake pads for wear. Adjust brake cable tension if necessary.

For issues not covered here, please refer to the warranty and support section for contact information.

7. SPECIFICATIONS

Key technical specifications for the DEEPOWER Electric Bicycle Model K301:

Feature	Specification
Bike Type	Folding Bike
Age Range (Description)	Adult
Brand	DEEPOWER
Number of Speeds	3
Color	Black
Wheel Size	14 Inches
Frame Material	High Carbon Steel
Suspension Type	Center
Special Feature	Dual Disc Brake, Foldable, Headlight, Multi-Speed, Portable
Included Components	Charger, E Bike Accessory Kit, Electric Bike
Size	Small
Brake Style	Disc
Wheel Width	2.2 Inches
Style	10ah
Model Name	K301
Power Source	Electric Motor
Wattage	400W

Feature	Specification
Wheel Material	Aluminum
Year	2024
Lithium Battery Energy Content	48V 10Ah (480000 Milliampere Hour)
Seat Material Type	Polyurethane (PU)
Warranty Type	Limited
Maximum Weight Recommendation	264 Pounds
Assembly Required	No (95% pre-assembled)
Bicycle Gear Shifter Type	Twist Grip
Number of Handles	2
Gear Type	Derailleur
Intended Riding Terrain	Mixed Terrain
Derailleur Configuration	Rear
Electric Assist Type	Pedal Assist

64LBS

Ebike Weight

59"-75"

Rider-Height

243LBS

Load capacity



Image: Diagram illustrating the dimensions and weight capacity of the DEEPOWER Electric Bicycle.

Lightweight

Portability

Space Saving

SIZE



Image: The folded dimensions of the DEEPOWER Electric Bicycle, emphasizing its lightweight, portability, and space-saving design.

8. WARRANTY AND SUPPORT

DEEPOWER provides comprehensive support for your electric bicycle.

8.1 Warranty Information

Your DEEPOWER Electric Bicycle comes with a one-year warranty service. This warranty covers free replacement of damaged major parts, including the battery, motor, and controller.

When returning the product, please retain the original packaging.

8.2 Customer Support

If you need to purchase extra spare parts (such as a battery or brake pads) or require assistance with returns, please contact the seller directly. For general inquiries or technical support, refer to the DEEPOWER store on Amazon or contact their customer service.

Related Documents - K301

	<p>DEEPOWER EBIKES DP-A1 Operation and Maintenance Manual</p> <p>Comprehensive operation and maintenance manual for the DEEPOWER EBIKES DP-A1 electric bicycle, covering safety, assembly, operation, charging, maintenance, specifications, and troubleshooting.</p>
	<p>DEEPOWER G20pro E-bike User Manual - Specifications and Operation</p> <p>Comprehensive user manual for the DEEPOWER G20pro electric bicycle, covering specifications, operation, safety, and maintenance. Get the most performance, comfort, enjoyment, and safety from your DEEPOWER E-bike.</p>
	<p>DEEPOWER E-Bike User Manual: Safety, Operation, and Maintenance Guide</p> <p>Comprehensive user manual for the DEEPOWER E-Bike, covering safety precautions, operational instructions, installation, maintenance, and warranty information. Learn how to safely operate and care for your electric bicycle.</p>
	<p>DEEPOWER S26 E-Bike User Manual</p> <p>User manual for the DEEPOWER S26 electric bicycle, detailing assembly, charging, operation, safety, maintenance, and specifications. Includes warranty information.</p>
	<p>DEEPOWER E-BIKE HX D-B5 Owner's Manual and Specifications</p> <p>Comprehensive guide to the DEEPOWER E-BIKE HX D-B5, covering safety, operation, maintenance, and technical specifications for optimal performance and enjoyment.</p>
	<p>DEEPOWER EBIKES Operation and Maintenance Manual</p> <p>Comprehensive operation and maintenance manual for DEEPOWER EBIKES, covering assembly, safety, operation, charging, troubleshooting, and specifications. Includes detailed instructions and safety warnings.</p>