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DEEPOWER K300

DEEPOWER K300 Electric Bike User Manual

Model: K300 | Brand: DEEPOWER

1. INTRODUCTION

Thank you for choosing the DEEPOWER K300 Electric Bike. This manual provides essential information for the safe and effective operation, assembly, and maintenance of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference. The K300 is a 14-inch folding electric bicycle designed for urban commuting and leisure, featuring a 400W motor, 48V 10Ah battery, and a multi-shock absorption system for a comfortable riding experience.

2. SAFETY INFORMATION

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations regarding electric bicycles.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery level, and all fasteners.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions, such as heavy rain, snow, or strong winds.
- Ensure all bolts and quick releases are securely tightened before riding.
- Do not exceed the maximum weight recommendation of 264 pounds.

3. COMPONENTS OVERVIEW

The DEEPOWER K300 Electric Bike is equipped with several key components designed for performance and comfort.



Overall Product View: The DEEPOWER K300 Electric Bike shown in both its unfolded, ready-to-ride state and its compact, folded configuration for easy storage and transport.



400W

*Variable Frequency
High- speed Motor*

400W Motor: A close-up of the 400W variable frequency high-speed motor, which provides robust power for daily commuting and varied terrains.

Removable Lithium Battery



Removable Lithium Battery: Illustration of the 48V 10Ah removable lithium battery, indicating a range of 20-35 miles and a charging time of 5-6 hours.

MECHANICAL DISC BRAKE

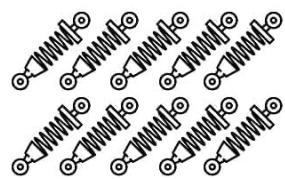
Fast and Precise Braking to Protect Your Safety



Mechanical Disc Brake: A detailed view of the mechanical disc brake system, designed for fast and precise braking to enhance rider safety.

5 Seats Five
Shock Absorbers

1 Center
Shock Absorber



There are a total of **10** shock absorbers
to keep you on the ground on bumpy roads.

Shock Absorption System: A visual representation highlighting the five shock absorber zones, including center, post spring, and hydraulic shock absorbers, for a smooth ride on various terrains.

14" Vacuum Anti-blowout Tires

Shock-absorbing
Anti-skid design
Wear-resistant
Stable&safe
Strong grip

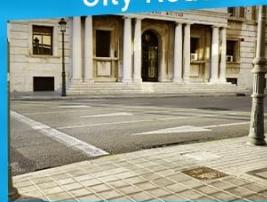
Stone Road



Mountain Road



City Road



Muddy Road



14" Vacuum Tires: An image showcasing the 14-inch vacuum anti-blowout tires, emphasizing their shock-absorbing, anti-skid, and wear-resistant properties suitable for stone, mountain, city, and muddy roads.

4. SETUP AND ASSEMBLY

The DEEPOWER K300 Electric Bike arrives 90% pre-assembled. The remaining steps are straightforward and require minimal effort.

- Unpacking:** Carefully remove the bike and all accessories from the packaging. Retain packaging for future transport or storage.
- Unfolding the Frame:** Locate the folding mechanism on the main frame. Release the safety latch and unfold the frame until it locks securely into place. Ensure the locking mechanism is fully engaged.
- Handlebar Installation/Adjustment:** Insert the handlebar stem into the fork tube and tighten the quick release or bolt. Adjust the handlebar height to a comfortable riding position and secure it. Ensure the handlebar is aligned with the front wheel.
- Seat Post Installation/Adjustment:** Insert the seat post into the frame's seat tube. Adjust the seat height to allow for a slight bend in your knee when your foot is on the pedal at its lowest point. Secure the seat post with the quick

release.

5. **Pedal Attachment:** Identify the left (L) and right (R) pedals. Thread the pedals into the crank arms. Note that the left pedal has a reverse thread. Tighten them firmly with a wrench.
6. **Battery Installation:** If the battery is not pre-installed, slide it into its designated compartment until it clicks into place. Ensure it is securely locked.
7. **Initial Charge:** Before your first ride, fully charge the battery. Connect the charger to the bike's charging port and then to a power outlet. The indicator light on the charger will change when fully charged.
8. **Pre-Ride Check:** Before riding, double-check all connections, bolts, and quick releases. Ensure tires are inflated to the recommended pressure (refer to tire sidewall for details). Test brakes and lights.



Folding Mechanism: The bike shown in its compact, folded state, demonstrating its portability.



Battery Removal: Illustration of how to remove the battery for charging or storage, highlighting its convenient design.

5. OPERATING INSTRUCTIONS

Understanding the controls and features of your K300 e-bike is crucial for a safe and enjoyable ride.

5.1 Powering On/Off

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

5.2 Riding Modes

The K300 offers three riding modes:

1. **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. You can adjust the level of assistance (3 speeds) using the controls on the left handlebar.
2. **Electric Mode (Throttle):** Use the twist grip throttle to engage the motor without pedaling. This mode provides full

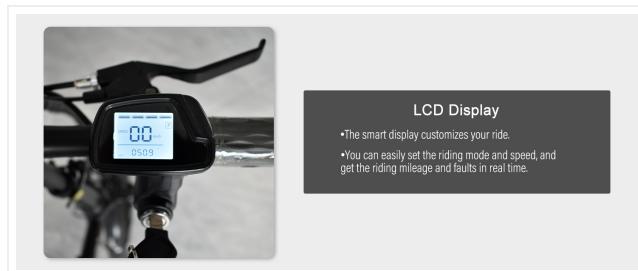
electric power.

3. **Normal Bicycle Mode:** Ride the bike like a traditional bicycle with no motor assistance.

5.3 LCD Display

The smart LCD display allows you to monitor and customize your ride.

- **Speed:** Displays current speed.
- **Battery Level:** Shows remaining battery charge.
- **Mileage:** Tracks trip distance and total mileage.
- **Assist Level:** Indicates the current pedal assist level (1-3).
- **Error Codes:** Displays diagnostic codes if a fault occurs.

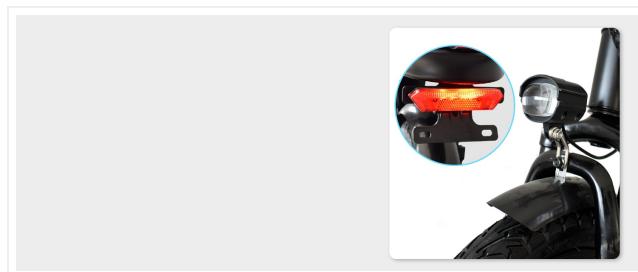


LCD Display: A detailed view of the smart LCD display, which provides real-time information on speed, battery, mileage, and allows for mode adjustments.

5.4 Lighting System

The K300 is equipped with an integrated lighting system for visibility and safety.

- **Headlight:** Press the light button on the handlebar controls to turn the LED bright headlight on or off.
- **Taillight & Turn Signals:** The integrated taillight and turn signals enhance visibility from the rear. Use the corresponding controls to activate turn signals.



Lighting System: A close-up view of the integrated LED headlight and taillight, which includes turn signals for enhanced safety and visibility.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your DEEPOWER K300 Electric Bike.

6.1 Battery Care

- Charge the battery fully after each ride, especially if it will be stored for an extended period.
- Do not completely drain the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.

- Use only the original charger provided with the bike.

6.2 Tire Maintenance

- Check tire pressure before each ride. Maintain the pressure recommended on the tire sidewall.
- Inspect tires for wear, cuts, or punctures regularly.

6.3 Brake System

- Regularly check brake pads for wear and replace them when necessary.
- Ensure brake levers are firm and responsive. Adjust brake cables if there is excessive slack.
- Keep brake rotors clean and free of oil or grease.

6.4 General Inspection

- Periodically check all bolts, nuts, and fasteners for tightness.
- Lubricate the chain regularly with bicycle-specific chain lubricant.
- Clean the bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your DEEPOWER K300 Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged; Battery not properly seated; Loose electrical connection	Charge battery fully; Ensure battery is securely installed; Check all visible connections.
Motor not assisting	Low battery; PAS level set to 0; Brake levers engaged; Motor connection loose	Charge battery; Increase PAS level on display; Release brake levers; Check motor cable connection.
Brakes feel weak	Worn brake pads; Loose brake cable; Contaminated rotors	Inspect and replace brake pads; Adjust brake cable tension; Clean rotors with disc brake cleaner.
Unusual noises during ride	Loose components; Dry chain; Rubbing brakes	Check all bolts and fasteners; Lubricate chain; Adjust brake caliper alignment.
Display not working	Loose cable connection; Water damage	Check display cable connection; Contact customer support if issue persists.

If you encounter an issue not listed here, or if the suggested solutions do not resolve the problem, please contact DEEPOWER customer support for assistance.

8. SPECIFICATIONS

Detailed technical specifications for the DEEPOWER K300 Electric Bike.

Feature	Specification
Model Name	K300
Bike Type	Folding Electric Bike
Motor Wattage	400W
Battery Capacity	48V 10Ah (480Wh)
Max Speed	Up to 20 MPH
Range per Charge (PAS)	20-35 miles
Wheel Size	14 Inches
Frame Material	Carbon Alloy
Suspension Type	Dual (Multi-shock absorption)
Brake Style	Disc
Number of Speeds	3 (Pedal Assist Levels)
Max Weight Recommendation	264 Pounds
Ebike Weight	59 Pounds
Recommended Rider Height	5'1" - 6'1"
Included Components	E Bike Accessory Kit, Electric Bike, Charger



Dimensions and Weight: A visual guide to the bike's dimensions (total length, handlebar height, seat height, wheel diameter) and weight capacity, along with recommended rider height.

9. WARRANTY AND SUPPORT

The DEEPOWER K300 Electric Bike comes with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or contact DEEPOWER customer support. If you require spare parts, such as a battery or brake pads, please search the DEEPOWER store or contact the seller directly for assistance.

For any inquiries or technical support, please visit the official DEEPOWER store on Amazon or contact their customer service team. You can find answers to frequently asked questions, such as assembly complexity and delivery times, on the DEEPOWER brand story page.