

DEEPOWER K100

DEEPOWER K100 Mini Electric Bike User Manual

Model: K100

1. INTRODUCTION

Thank you for choosing the DEEPOWER K100 Mini Electric Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your electric bicycle. Please read this manual thoroughly before your first ride and retain it for future reference. Proper understanding and adherence to these instructions will ensure a safe and enjoyable riding experience.

2. SAFETY INFORMATION

Your safety is paramount. Always observe the following safety guidelines:

- **Helmet Use:** Always wear an approved bicycle helmet when riding.
- **Local Regulations:** Familiarize yourself with and obey all local traffic laws and regulations regarding electric bicycles.
- **Pre-Ride Check:** Before each ride, inspect the brakes, tires, battery level, and all quick-release mechanisms to ensure they are secure and functioning correctly.
- **Weather Conditions:** Exercise caution when riding in wet conditions, as braking distance may increase. Avoid riding in heavy rain or snow.
- **Weight Limit:** Do not exceed the maximum load capacity of 264 lbs (120 kg).
- **Age Range:** This electric bike is intended for adult use.
- **Alcohol/Drugs:** Never operate the electric bike under the influence of alcohol or drugs.
- **Maintenance:** Regularly maintain your bike as described in this manual to ensure optimal performance and safety.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all components are present:

- DEEPOWER K100 Mini Electric Bike (partially assembled)
- 48V 10Ah Removable Lithium-ion Battery
- Battery Charger
- Keys for Battery Lock
- Tool Kit
- User Manual (this document)

4. ASSEMBLY AND SETUP

Your DEEPOWER K100 electric bike comes partially assembled. Follow these steps to complete the setup:

4.1 Unpacking

Carefully remove the bike and all components from the packaging. Retain packaging materials for potential future transport or storage.



Image: The DEEPOWER K100 Mini Electric Bike as it appears partially unboxed, showing the main frame and components.

4.2 Handlebar Adjustment

Adjust the handlebar stem to your desired height and secure it firmly. Ensure all quick-release levers are fully tightened.





Image: A close-up view of the DEEPOWER K100 handlebars, showing the display, brake levers, and controls.

4.3 Seat Adjustment

Adjust the seat post to a comfortable riding height. Ensure the seat post is inserted past the minimum insertion line and the quick-release clamp is securely fastened.

4.4 Battery Installation and Charging

The 48V 10Ah lithium-ion battery is removable. Insert the battery into its compartment and lock it with the provided key. Before your first ride, fully charge the battery. Connect the charger to the bike's charging port and then to a power outlet. The charging time is approximately 4-5 hours.



Image: A close-up of the battery compartment on the DEEPOWER K100, highlighting the keyhole and keys for locking the removable battery.

Removable Lithium Battery

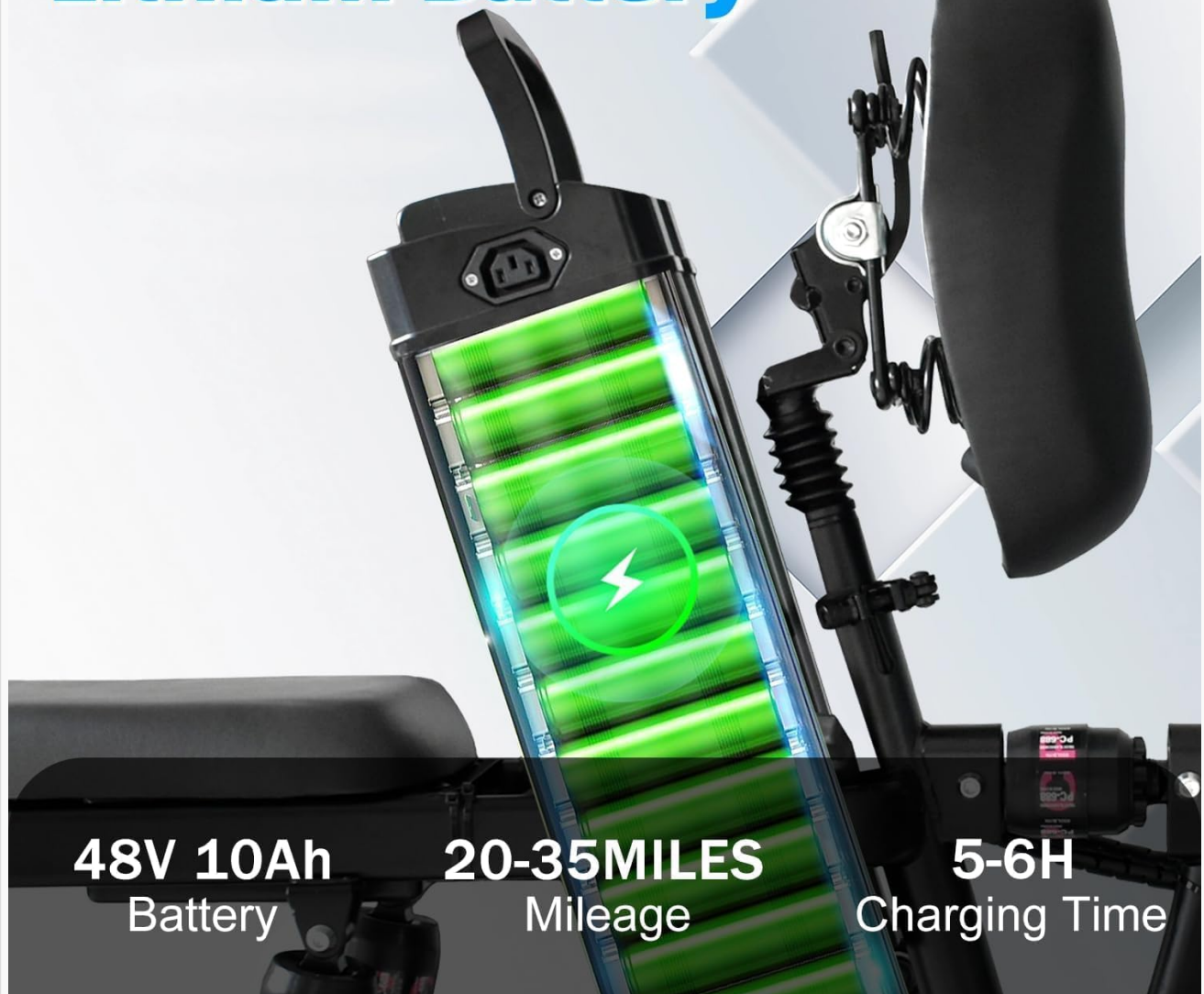


Image: An illustrative diagram showing the removable 48V 10Ah lithium battery, its mileage range (20-35 miles), and charging time (5-6 hours).

4.5 Final Inspection

Before riding, ensure all bolts, nuts, and quick-release levers are tightened. Check tire pressure, brake function, and confirm the headlight and taillight are operational.



Image: The DEEPOWER K100 Mini Electric Bike shown fully assembled, ready for use.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the bike, turn the key to the 'ON' position and press the power button on the LCD display. To power off, press and hold the power button.

5.2 Speed Modes

The DEEPOWER K100 offers 3 speed modes. Press the 'M' button on the LCD display to cycle through the available speed settings (typically Low, Medium, High) to adjust the pedal assist level or throttle speed.

5.3 Riding Modes

- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. The level of assistance depends on the selected speed mode.
- **Throttle Mode:** Use the throttle lever to engage the motor without pedaling. This mode is also governed by the selected speed setting.
- **Manual Pedal Mode:** Ride the bike like a traditional bicycle without motor assistance.

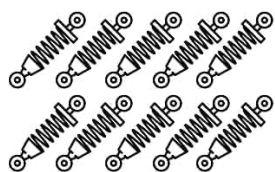
5.4 Braking

The bike is equipped with disc brakes. Apply both front and rear brakes smoothly and simultaneously for effective stopping. Avoid sudden, hard braking, especially at high speeds or on slippery surfaces.

6. FOLDING INSTRUCTIONS

The DEEPOWER K100 is designed for easy folding, making it convenient for storage and transport. The folded size is approximately 27 x 17 x 26 inches.

1. Ensure the bike is powered off.
2. Lower the seat post to its lowest position.
3. Fold the handlebars down by releasing the quick-release lever on the stem.
4. Locate the main frame folding latch, typically near the center of the frame. Release the safety catch and then the main latch to fold the frame in half.
5. Secure the folded parts to prevent them from unfolding during transport.



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

Image: The DEEPOWER K100 Mini Electric Bike shown in its compact, folded state, suitable for storage or transport.

7. MAINTENANCE

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

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Tires:** Check tire pressure before each ride. Maintain recommended pressure for optimal performance and safety.
- **Brakes:** Inspect brake pads for wear and brake cables for proper tension. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated.
- **Fasteners:** Periodically check all nuts, bolts, and quick-release levers for tightness.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every 1-2 months.
- **Shock Absorbers:** Inspect the shock absorbers for any damage or leaks. The bike features a comprehensive

shock absorption system including center, hydraulic, and post-spring shock absorbers.



Image: A diagram highlighting the five shock absorption zones on the DEEPOWER K100: center shock absorber, hydraulic shock absorbers, and post spring shock absorbers, designed for a smooth ride.

8. TROUBLESHOOTING

This section addresses common issues you might encounter:

- **Bike Not Powering On:** Check if the battery is properly installed and locked, and if it has sufficient charge. Ensure the key is in the 'ON' position.
- **Motor Not Assisting:** Verify that the battery is charged and connected. Check the display for error codes. Ensure you are in a pedal-assist or throttle mode.
- **Short Battery Range:** This can be due to riding conditions (hills, headwind), rider weight, tire pressure, or frequent use of high-power modes. Ensure the battery is fully charged before each ride.
- **Brakes Squealing:** This may indicate dirty brake pads or rotors, or that the pads are worn. Clean or replace

as necessary.

- **Unusual Noises:** Stop riding immediately and inspect the bike for loose components, rubbing parts, or damage.

For issues not covered here, please contact DEEPOWER customer support.

9. SPECIFICATIONS

Feature	Specification
Model Name	K100
Bike Type	Electric Bike, Folding Commuter City EBIke
Motor Power	400W
Maximum Speed	20 MPH (32 KM/H)
Battery	48V 10Ah Removable Lithium-ion
Charging Time	4-5 hours
Maximum Mileage (PAS)	30-45 KM (18-28 Miles)
Frame Material	High Carbon Steel
Wheel Size	14 Inches
Suspension Type	Dual Suspension (Center, Hydraulic, Post Spring)
Number of Speeds	3
Brake Style	Disc
Folded Dimensions	Approx. 27 x 17 x 26 inches
Bike Weight	Approx. 59 lbs (26.7 kg)
Maximum Load Capacity	264 lbs (120 kg)
Recommended Rider Height	5'1" - 6'1"





Image: A detailed diagram illustrating the key dimensions of the DEEPOWER K100 electric bike, including total length, handlebar height, seat height, and wheel diameter, along with weight and load capacity.

TAMAÑO DEL MARCO



A:Longitud total	52"
B:Altura del manillar	43"
C:Altura máxima	53"
D:Altura mínima del asiento	31"
E:Altura máxima del asiento	40"
F:Diámetro de la rueda	14"



Máxima 264LBS
Capacidad de carga



59LBS
Peso de la bici eléctrica



5'1"-6'1"
Altura recomendada

Image: An exploded view diagram showcasing the 400W motor, highlighting its power, ability to conquer a 25° slope, and 20 MPH maximum speed.



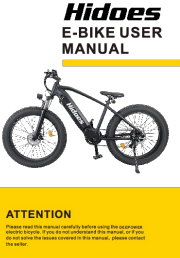



10. WARRANTY AND SUPPORT

The DEEPOWER K100 Mini Electric Bike comes with a **90-day warranty** from the date of purchase, covering manufacturing defects. This warranty does not cover damage resulting from misuse, accidents, unauthorized modifications, or normal wear and tear.

For warranty claims, technical support, or any questions regarding your electric bike, please contact DEEPOWER customer service through the retailer where you purchased the product or visit the official DEEPOWER website for contact information.

Please retain your proof of purchase for warranty validation.

Related Documents - K100

	<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 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 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 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 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>