

DEEPOWER 13Ah

DEEPOWER Foldable Electric Bicycle User Manual

Model: 13Ah

1. INTRODUCTION

Thank you for choosing the DEEPOWER Foldable Electric Bicycle. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new e-bike. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience.



The DEEPOWER Foldable Electric Bicycle, showcasing its compact and robust design.

2. IMPORTANT SAFETY GUIDELINES

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet that meets safety standards.
- Familiarize yourself with local traffic laws and regulations.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Adjust your speed to road conditions and weather. Avoid riding in heavy rain or snow.
- Ensure all quick-release levers and folding mechanisms are securely locked before riding.
- Be aware of your surroundings and other road users.

3. PRODUCT OVERVIEW

Key Features

- **Powerful Motor and High-Capacity Battery:** Equipped with a 48V 13Ah removable battery, offering a range of 28 to 45 miles per charge (pedal-assist mode). The unlocked maximum speed can reach up to 15 MPH.
- **Advanced Shock-Absorbing Design:** Features four damping zones including a central shock absorber, hydraulic shock absorber, double spring seat shock absorber, and post spring shock absorber for a smooth and comfortable ride on various terrains.
- **Smart Riding Features:** Offers 3 adjustable speeds. Includes bright LED headlights and taillights for enhanced visibility and safety during night rides. Equipped with a USB mobile phone holder for convenience.
- **Durable Frame Design:** The frame is constructed from carbon alloy, ensuring high hardness, good strength, and durability. The high-density sponge seat cushion provides comfort and pressure relief.
- **14-inch Vacuum Tires:** Thickened, anti-skid, wear-resistant tires with excellent drainage performance and low noise. They provide strong grip, improving safety and riding comfort across diverse terrains.
- **Quick Folding and Portability:** Designed for rapid folding, making it easy to transport and store in car trunks or small spaces. Adjustable seat post and handlebars accommodate most riders.

Components and Features in Detail

250W BRUSHLESS MOTOR

It's powerful enough to climb a 25° slope, making it easy to drive and travel happily!



Diagram illustrating the multiple shock absorption points for enhanced comfort.

BRIGHT FRONT & REAR LIGHTS

Bright headlights and left and right taillights make your ride safe when riding at night!



Bright headlights and taillights ensure safe riding at night.



MULTIPLE SHOCK ABSORBERS



Powerful 250W brushless motor capable of climbing 25-degree slopes.



The 48V battery system offers various capacity options for extended range.

4. INITIAL SETUP

Unpacking and Inspection

Carefully remove the e-bike from its packaging. Inspect for any visible damage that may have occurred during shipping. Report any damage to your retailer immediately.

Minor Assembly and Adjustments

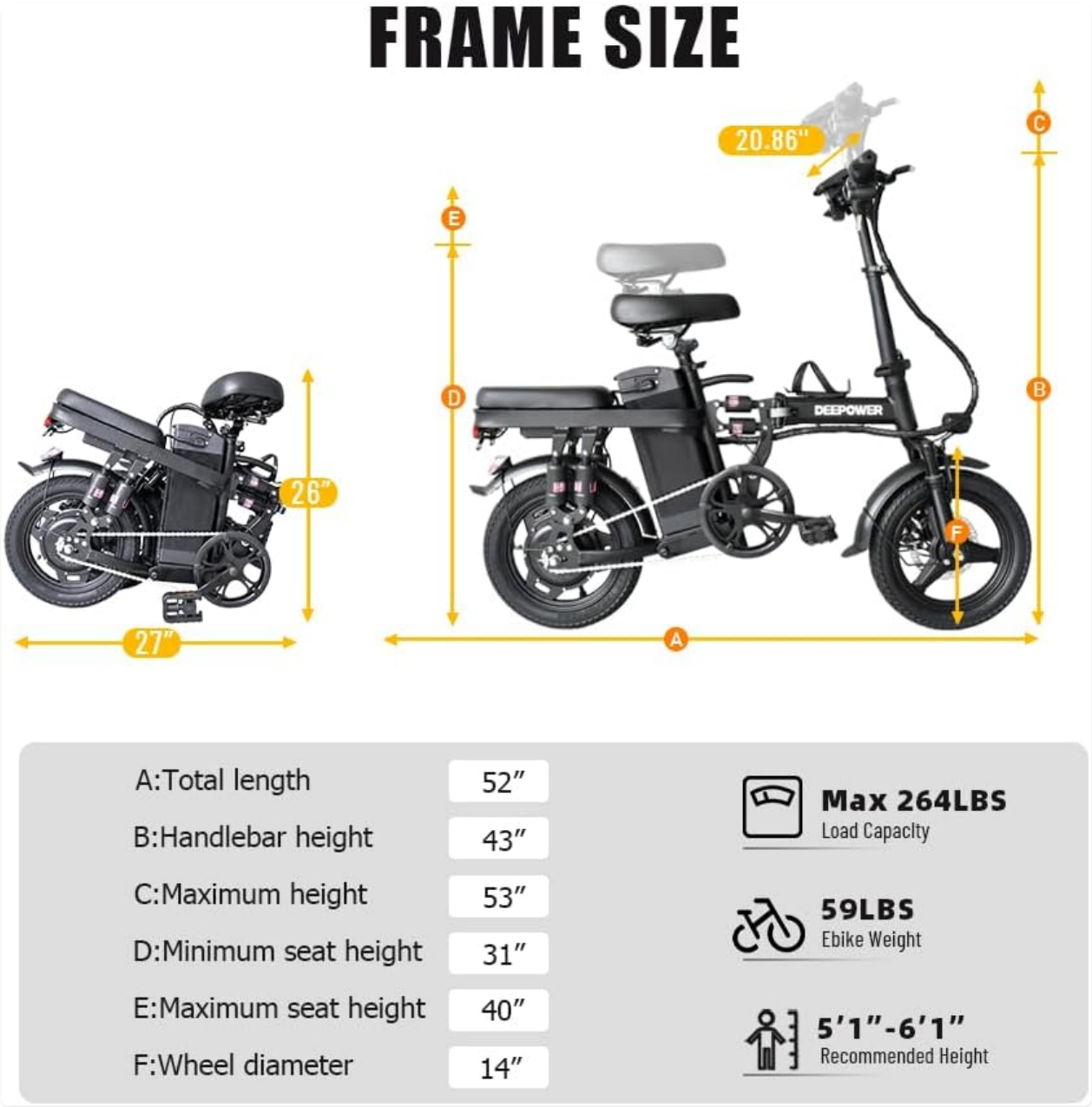
Your DEEPOWER e-bike comes largely pre-assembled. You may need to perform minor adjustments:

- **Handlebar Adjustment:** Adjust the handlebar height to a comfortable riding position. Ensure it is securely tightened.
- **Seat Adjustment:** Adjust the seat height to allow for a slight bend in your knee when the pedal is at its lowest point. Secure the seat post firmly.
- **Pedal Installation:** If pedals are not pre-installed, attach them according to the markings (L for left, R for right).

Battery Installation and Charging

The battery is removable for convenient charging and security.

- 1. To install the battery, align it with the battery compartment and slide it in until it clicks securely into place.
- 2. To remove the battery, turn the seat upwards, then turn the key slightly to the left, press down firmly on the key, and continue to turn it to the left again to release the battery.
- 3. Before your first ride, fully charge the battery. Connect the charger to the battery charging port and then to a power outlet. The indicator light on the charger will show the charging status.



Instructions for simple battery removal and installation.

5. OPERATING INSTRUCTIONS

Powering On/Off

To power on the e-bike, press and hold the power button on the display panel. To power off, press and hold the power button again.

Riding Modes

Your e-bike offers different riding modes:

- **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.
- **Pure Electric Mode (Throttle):** If equipped, use the throttle to propel the bike without pedaling.

Braking System

The e-bike is equipped with front and rear mechanical disc brakes for reliable stopping power. Always apply both brakes simultaneously for effective and safe braking. Practice braking in a safe area before riding in traffic.



The mechanical disc brake system ensures quick and precise braking within 3 meters.

Lighting System

Activate the front headlight and rear taillight for improved visibility, especially during low-light conditions or night riding. Refer to the display panel controls for light operation.

Folding and Unfolding

The folding mechanism allows for easy storage and transport. Follow the instructions carefully to fold and unfold the bicycle securely.



The e-bike folds compactly to fit easily into a car trunk or other small spaces.



The e-bike in its folded configuration, highlighting its compact form factor.

6. MAINTENANCE

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

- **Cleaning:** Clean your e-bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tire Pressure:** Check tire pressure before each ride. Maintain the recommended PSI as indicated on the tire sidewall.
- **Brake Inspection:** Regularly check brake pads for wear and ensure brake levers provide firm and responsive braking. Adjust or replace as needed.
- **Battery Care:** Store the battery in a cool, dry place. Charge it regularly, even if not in use, to maintain battery health. Avoid fully discharging the battery.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release levers to ensure they are tight and secure.
- **Lubrication:** Lubricate the chain and other moving parts as needed to ensure smooth operation and prevent rust.

7. TROUBLESHOOTING

This section addresses common issues you might encounter:

Problem	Possible Cause	Solution
E-bike does not power on	Battery not installed correctly; Battery discharged; Power button not pressed correctly.	Ensure battery is fully seated; Charge the battery; Press and hold the power button firmly.

Problem	Possible Cause	Solution
Motor not assisting	Battery low; Pedal assist level set to zero; Brake levers engaged.	Charge battery; Increase pedal assist level; Ensure brake levers are fully released.
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 riding	Loose components; Dry chain; Tire rubbing.	Check all fasteners; Lubricate chain; Inspect tire clearance.

8. TECHNICAL SPECIFICATIONS

Specification	Value
Brand	DEEPOWER
Model Number	13Ah
Age Range (Description)	Adult
Bike Type	Electric Bicycle
Brake Style	Disc
Color	Ferrous
Main Material	Aluminum
Number of Speeds	1
Power Source Type	Electric Motor
Special Features	Dual Disc Brake, Dual Suspension, Headlight, Foldable, Portable
Recommended Use	City
Suspension Type	Full Suspension
Included Components	Tool Kit
Size	Large

Dimensions



Detailed dimensions of the DEEPOWER Foldable Electric Bicycle.

9. WARRANTY AND SUPPORT







Warranty Information

DEEPOWER offers a **6-month warranty** for free replacement of damaged parts, including the battery, motor, and controller. This warranty covers manufacturing defects and component failures under normal use conditions.

Customer Support

For any questions, technical assistance, or warranty claims, please contact DEEPOWER customer support through your purchase platform or the official DEEPOWER website. Please have your model number and purchase date ready when contacting support.

Related Documents - 13Ah

	DEEPOWER S26 E-Bike User Manual User manual for the DEEPOWER S26 electric bicycle, detailing assembly, charging, operation, safety, maintenance, and specifications. Includes warranty information.
	DEEPOWER EBIKES DP-A1 Operation and Maintenance Manual Comprehensive operation and maintenance manual for the DEEPOWER EBIKES DP-A1 electric bicycle, covering safety, assembly, operation, charging, maintenance, specifications, and troubleshooting.
	Deepower S20 Electric Bike User Manual: Assembly, Operation, and Safety Guide Comprehensive user manual for the Deepower S20 electric bike, covering assembly instructions, operational guidelines, safety precautions, maintenance tips, troubleshooting, and warranty information.
	DEEPOWER E-BIKE HX D-B5 Owner's Manual and Specifications Comprehensive guide to the DEEPOWER E-BIKE HX D-B5, covering safety, operation, maintenance, and technical specifications for optimal performance and enjoyment.
	DEEPOWER S8 Electric Bicycle User Manual - Assembly, Operation, and Maintenance Guide Comprehensive user manual for the DEEPOWER S8 Electric Bicycle, covering assembly instructions, operational guidelines, safety notices, maintenance procedures, troubleshooting tips, and warranty information.
	Deepower QS7 Electric Bike User Manual and Guide Comprehensive user manual for the Deepower QS7 electric bike, covering assembly, operation, safety guidelines, maintenance, troubleshooting, specifications, and warranty information.