

DEEPOWER G20L

DEEPOWER S26 Electric Bike User Manual

Model: G20L

1. SAFETY INFORMATION

Your safety is paramount. Please read and understand all safety instructions before operating the DEEPOWER S26 Electric Bike. Failure to follow these instructions may result in serious injury or property damage.

1.1 General Safety Guidelines

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

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 Safety

- Adjust your speed to suit road conditions and your riding ability.
- Use hand signals to indicate turns and stops.
- Be visible, especially at night. Use the integrated LED headlight and brake light.
- Avoid riding in heavy rain or on slippery surfaces.

2. PRODUCT OVERVIEW

The DEEPOWER S26 is a versatile electric mountain bike designed for adults, featuring a powerful motor, long-range battery, and robust construction suitable for various terrains.



Figure 2.1: The DEEPOWER S26 Electric Bike, showcasing its robust frame and fat tires.

2.1 Key Features

- **500W Brushless Motor:** Provides strong power output for various terrains.
- **48V 12.8Ah Removable Battery:** Offers extended range and convenient charging.
- **20"x4" Fat Tires:** Designed for excellent traction and stability on snow, sand, mountain, and city roads.
- **Lockable Suspension Fork:** Enhances comfort and control over rough surfaces.
- **Shimano 7-Speed Gear System:** Allows for versatile riding in different conditions.
- **Front and Rear Mechanical Disc Brakes:** Ensures reliable stopping power.
- **EN06 Digital Display:** Provides essential riding information at a glance.
- **Foldable Design:** For easier transport and storage.

2.2 Components

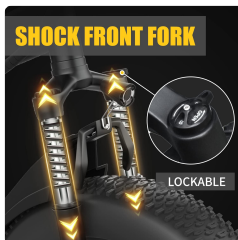
Familiarize yourself with the main components of your DEEPOWER S26 Electric Bike:



High Speed Gear Motor (48V 500W): Located in the rear wheel hub, providing powerful assistance. Capable of 30 mph top speed and 60 Nm torque.



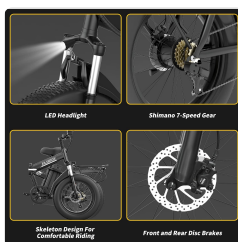
Removable Large Capacity Battery (48V 12.8Ah): Mounted on the frame, providing power for the motor and electronics. Offers 20-37 miles range per charge.



Shock Absorbing Front Fork: Provides suspension for a smoother ride, with a lockable feature for different terrains.



EN06 Digital Display: Mounted on the handlebars, showing speed, battery level, distance, and error codes.



LED Headlight and Disc Brakes: Front-mounted LED headlight for visibility, and mechanical disc brakes on both front and rear wheels for effective stopping.

3. SETUP

3.1 Unpacking and Initial Inspection

Carefully remove the bike from its packaging. Inspect for any visible damage that may have occurred during

shipping. Report any damage to your retailer immediately.

3.2 Assembly

The DEEPOWER S26 Electric Bike comes mostly pre-assembled to minimize setup time. You will primarily need to:

1. Unfold the frame and secure the locking mechanism.
2. Install the front wheel (if not already attached).
3. Attach the handlebars and adjust their position.
4. Install the pedals (note left and right pedal threading).
5. Adjust the seat post height for comfortable riding.
6. Ensure all bolts and quick releases are securely tightened. *It is crucial to double-check all bolts on rims and crank arm shafts as they may not be perfectly tightened from the factory.*

3.3 Battery Charging

Before your first ride, fully charge the battery. Connect the charger to the battery charging port and then to a power outlet. The charging indicator on the charger will change when fully charged (typically 4-6 hours).

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To power on the bike, press and hold the power button on the EN06 digital display. To power off, press and hold the power button again.

4.2 Riding Modes

The DEEPOWER S26 offers three riding modes:

- **Pure Electric Mode:** Engage the throttle for motor-only propulsion.
- **Pedal Assist System (PAS) Mode:** The motor provides assistance as you pedal. Adjust the assist level using the display controls.
- **Pedal Only Mode:** Ride the bike like a traditional bicycle with no motor assistance.

4.3 Gear Shifting

The bike is equipped with a Shimano 7-speed gear system. Use the shifter on the handlebars to change gears according to terrain and desired speed. Shift smoothly to avoid strain on the drivetrain.

4.4 Display Usage (EN06)

The EN06 digital display provides real-time information:

- **Speed Value:** Current riding speed.
- **Battery Indicator:** Shows remaining battery charge.
- **ODO Mileage:** Total distance traveled.
- **PAS Level:** Current pedal assist level.

Use the buttons on the display to cycle through information and adjust PAS levels.

4.5 Braking

The bike features front and rear mechanical disc brakes. Squeeze the brake levers on the handlebars to slow down or stop. Apply both brakes simultaneously for optimal stopping power and control.

5. MAINTENANCE

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

5.1 General Cleaning

Clean your bike regularly with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components.

5.2 Tire Pressure

Maintain proper tire pressure as indicated on the tire sidewall. Check pressure before each ride*Ensure tires are fully aired up, especially when going over bumps.*



Figure 5.1: The 20"x4" fat tires are designed for various terrains, requiring proper inflation for optimal performance.

5.3 Brake Inspection

Regularly check brake pads for wear and brake cables for proper tension. Ensure the brake rotors are clean and free from obstructions. *If the front brake rubs on the rotor, an adjustment may be needed.*

5.4 Chain Lubrication

Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.

5.5 Battery Care

- Store the battery in a cool, dry place when not in use.
- If storing for extended periods, charge the battery to 50-70% every 2-3 months.
- Do not fully discharge the battery regularly.

5.6 Bolt Tightening

Periodically check and tighten all bolts, especially those on the wheels, handlebars, seat post, and crank arms, to ensure all components are secure.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your DEEPOWER S26 Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged; Battery not properly seated; Loose electrical connection	Charge battery; Ensure battery is fully inserted; Check all visible connections.
Motor not assisting	PAS level too low; Brake levers engaged; Motor cable disconnected	Increase PAS level; Release brake levers; Check motor cable connection.
Brakes squeak or rub	Dirty rotors; Misaligned calipers; Worn brake pads	Clean rotors; Adjust brake calipers; Replace brake pads if worn.
Gears not shifting smoothly	Derailleur out of adjustment; Dirty or dry chain; Bent hanger	Adjust derailleur; Clean and lubricate chain; Inspect and straighten hanger.
Reduced range	Under-inflated tires; Battery degradation; Riding in high assist mode constantly	Inflate tires to recommended pressure; Consider battery replacement if old; Use lower assist modes when possible.

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

7. SPECIFICATIONS

Detailed technical specifications for the DEEPOWER S26 Electric Bike (Model G20L).

PRODUCT SIZE



Figure 7.1: Dimensions and key specifications of the DEEPOWER S26 Electric Bike.

Feature	Specification
Model Number	G20L
Motor	500W Brushless Motor
Battery	48V 12.8Ah Lithium Battery (Removable)
Max Speed	25 MPH (40 KM/H) - Note: Product description states 30mph, but 25mph is common for regulations.
PAS Range	Up to 90 KM (55 Miles) - Note: Product description states 25-40 miles. Using the higher value from title.
Charging Time	4-6 Hours
Tires	20" x 4" Fat Tires
Gears	Shimano 7-Speed

Feature	Specification
Brakes	Mechanical Disc Brakes (Front & Rear)
Suspension	Lockable Front Fork Suspension
Frame Material	Aluminum
Recommended Rider Height	5.2 - 6.2 FT
Max Load Capacity	330 LBS
Bicycle Weight	64 LBS
Foldable	Yes



8. WARRANTY AND SUPPORT





DEEPOWER stands behind the quality of its products. For warranty information, please refer to the warranty card included with your purchase or visit the official DEEPOWER website.

For technical support, parts, or any questions regarding your DEEPOWER S26 Electric Bike, please contact DEEPOWER customer service:

- Email:** Deepowery@outlook.com
- Online Support:** Visit the DEEPOWER store on Amazon or the official brand website for FAQs and support resources.
- Please have your model number (G20L) and purchase date ready when contacting support.

Related Documents - G20L

	<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 S20 Electric Bike User Manual: Assembly, Operation, and Safety Guide</p> <p>Comprehensive user manual for the Deepower S20 electric bike, covering assembly instructions, operational guidelines, safety precautions, maintenance tips, troubleshooting, and warranty information.</p>

<div><div>DEEPOWER EBIKES</div><div></div><div><div>Operation and maintenance manual</div><div>Before using the vehicle, please read the manual carefully and follow the instructions.</div></div></div>	<div>DEEPOWER EBIKES DP-A1 Operation and Maintenance Manual</div> <div>Comprehensive operation and maintenance manual for the DEEPOWER EBIKES DP-A1 electric bicycle, covering safety, assembly, operation, charging, maintenance, specifications, and troubleshooting.</div>
<div><div><div>Hidoes E-BIKE USER MANUAL</div><div></div><div><div>ATTENTION</div><div>Please read the manual carefully before using the product. Please read the manual carefully before using the product. Please read the manual carefully before using the product. Please read the manual carefully before using the product.</div></div></div></div>	<div>DEEPOWER E-BIKE HX D-B5 Owner's Manual and Specifications</div> <div>Comprehensive guide to the DEEPOWER E-BIKE HX D-B5, covering safety, operation, maintenance, and technical specifications for optimal performance and enjoyment.</div>
<div><div><div>DEEPOWER E-BIKE</div><div></div><div><div>QS7</div><div>Operation and maintenance manual</div></div></div></div>	<div>Deepower QS7 Electric Bike User Manual and Guide</div> <div>Comprehensive user manual for the Deepower QS7 electric bike, covering assembly, operation, safety guidelines, maintenance, troubleshooting, specifications, and warranty information.</div>
<div><div><div>DEEPOWER E-BIKE</div><div></div><div><div>QS7</div><div>Operation and maintenance manual</div></div></div></div>	<div>DEEPOWER QS7 Electric Bike User Manual</div> <div>Comprehensive user manual for the DEEPOWER QS7 Electric Bike, covering safety guidelines, operational instructions, specifications, installation, maintenance, troubleshooting, and warranty information.</div>