

DEEPOWER S26

DEEPOWER S26 26-inch Electric Mountain Bike User Manual

Model: S26 | Brand: DEEPOWER

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your DEEPOWER S26 26-inch Electric Mountain Bike. Please read this manual thoroughly before your first ride and retain it for future reference. Understanding the features and proper handling of your e-bike will ensure a safe and enjoyable experience.

2. SAFETY GUIDELINES

Always prioritize safety when operating your electric bike. Failure to follow these guidelines may result in serious injury or damage to the bike.

- **Wear a Helmet:** Always wear an approved bicycle helmet that fits properly.
- **Pre-Ride Check:** Before each ride, check tire pressure, brake function, battery level, and ensure all bolts and quick releases are secure.
- **Obey Traffic Laws:** Follow all local traffic laws, signs, and regulations.
- **Visibility:** Use the LED headlight and reflectors, especially when riding at night or in low-light conditions. Consider wearing reflective clothing.
- **Weather Conditions:** Exercise caution when riding in wet conditions, as braking distance may increase. Avoid riding in severe weather.
- **Weight Limit:** Do not exceed the maximum load capacity of 330 lbs (150 kg).
- **Age Range:** This electric bike is designed for adult use.

3. ASSEMBLY INSTRUCTIONS

Your DEEPOWER S26 electric bike comes mostly pre-assembled. The following steps detail the final assembly required before your first ride.

3.1 Unboxing and Component Identification

Carefully remove the bike and all components from the packaging. Ensure all parts are present and undamaged. The package includes the bike frame, front wheel, handlebar, seat, pedals, charger, tool kit, and battery.

Video: DEEPOWER S26 Electric Bike Assembly Guide. This video demonstrates the unboxing and assembly process for your electric bike.

3.2 Handlebar Installation

Attach the handlebar to the stem using the provided bolts and tools. Ensure it is centered and tightened securely for safe steering.

3.3 Seat Installation

Insert the seat post into the frame's seat tube and adjust the height to a comfortable riding position. Secure it with the quick-release lever or bolt.

3.4 Brake Installation

Install the brake caliper onto the front fork. Ensure the brake pads align correctly with the rotor and tighten all bolts securely.

3.5 Front Wheel Installation

Carefully place the front wheel into the fork dropouts, ensuring the brake rotor slides into the caliper. Secure the wheel using the quick-release skewer or axle bolts. Double-check that the wheel spins freely and the brake does not rub.

3.6 Pedal Installation

Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Thread them into the crank arms and tighten them firmly with a wrench.

3.7 Headlight Installation

Mount the LED headlight to the front fork or handlebar using the provided bracket and secure it. Connect the headlight cable to the designated port on the bike.

3.8 Battery Installation

Slide the 48V 12.8Ah removable battery into its compartment on the bike frame. Ensure it clicks into place and is locked securely with the key. The battery can be charged directly on the bike or removed for charging.

4. OPERATING INSTRUCTIONS

Your DEEPOWER S26 electric bike offers three riding modes and an intuitive LCD display for monitoring your ride.

4.1 Starting Up the Bike

1. Install the battery first, ensuring it is securely locked.

2. Turn on the key located at the handlebar.
3. Press and hold the power button on the display for 2 seconds. The display will light up.
4. Gently turn the throttle on the right handlebar, and the bike will start.

4.2 Riding Modes

- **Pure Electric Mode:** Use the throttle for propulsion without pedaling.
- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust the assist level via the display.
- **Pedal Only Mode:** Ride the bike like a traditional bicycle without motor assistance.

4.3 EN06 Intelligent LCD Display

The intuitive LCD display shows important information:

- Current Speed
- Battery Level
- Distance Traveled (ODO)
- Pedal Assist (PAS) Gear
- Fault Indicators

EN06 INTELLIGENT LCD DISPLAY



Image: The EN06 Intelligent LCD Display provides real-time information about your ride, including speed, battery level, and pedal assist mode.

4.4 Unlocking the Speed Limit

To unlock the maximum speed of 25 MPH (40 km/h), follow these steps:

Video: How to Unlock the Speed Limit. This video demonstrates the procedure to unlock the speed limit on your DEEPOWER S26 electric bike.

1. When the display is off, twist the throttle to its maximum position while simultaneously squeezing the right brake lever. Hold both.
2. Turn on the display. Continue holding the throttle and brake for 5-8 seconds.
3. Release the throttle and brake. The speed limit is now unlocked.
4. To reach maximum speed, set the gear to the 5th gear (the highest gear) on the display.

4.5 Lockable Suspension Fork

The front suspension fork can be locked or unlocked to adapt to different terrains. Use the red dial on the fork to switch between 'LOCK' for rigid riding on smooth surfaces and 'OPEN' for shock absorption on uneven terrain.

LOCKABLE SUSPENSION FORK

Adjustable suspension fork make your ride more comfortable



Image: The lockable suspension fork allows you to adjust ride comfort based on terrain. Turn the dial to 'LOCK' for smooth roads or 'OPEN' for rough paths.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your DEEPOWER S26 electric bike.

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Avoid fully discharging the battery. Store in a cool, dry place.
- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- **Brakes:** Regularly inspect brake pads for wear and ensure brake levers are responsive. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth gear changes.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases to ensure they are tightened to the correct torque specifications.
- **Cleaning:** Clean your bike with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.

6. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery not installed correctly, battery low, power button not pressed.	Ensure battery is fully inserted and locked. Charge battery. Press and hold power button for 2 seconds.
Motor not assisting	PAS level set to 0, throttle not engaged, brake lever engaged, motor connection loose.	Increase PAS level. Twist throttle. Release brake lever. Check motor cable connections.
Brakes feel weak	Worn brake pads, loose brake cable, air in hydraulic system (if applicable).	Inspect and replace brake pads. Adjust brake cable tension. Consult a professional for hydraulic brake issues.
Unusual noises	Loose components, dry chain, rubbing brakes.	Check all fasteners. Lubricate chain. Adjust brake caliper or rotor.

7. SPECIFICATIONS

Key technical specifications for the DEEPOWER S26 Electric Mountain Bike:

- **Motor:** 500W Brushless Motor
- **Battery:** 48V 12.8Ah Removable Lithium Battery
- **Max Speed:** 25 MPH (after unlocking speed limit)
- **Max Slope:** 30 degrees
- **Torque:** 50-60 NM
- **Charging Time:** 5-6 hours
- **Range (Pure Electric Mode):** 25-30 miles
- **Range (Pedal Assist Mode):** 45-56 miles
- **Wheel Size:** 26 Inches
- **Tires:** 26" x 1.95 Double Layer Multi-terrain Tires
- **Gears:** 21-Speed Transmission System
- **Brakes:** Front and Rear Mechanical Disc Brakes
- **Suspension:** Lockable Front Suspension Fork
- **Frame Material:** Aluminum Alloy
- **Item Weight:** 22 kg (48.5 lbs)
- **Max Load Capacity:** 330 lbs
- **Recommended Height:** 5.2 - 6.1 FT
- **Included Components:** Tool Kit

ALUMINUM ALLOY FRAME



	Recommended Height 5.2-6.1FT
	Load Capacity MAX 330LBS
	Product Weight 48.5LBS

Image: Frame dimensions and recommended rider height for the DEEPOWER S26 electric bike.

8. WARRANTY AND SUPPORT

DEEPOWER provides a one-year warranty service for free replacement of damaged parts such as the battery, motor, and controller. For any questions, technical support, or warranty claims, please contact DEEPOWER customer service through your purchase platform or the official DEEPOWER website.