

## DEEPOWER QS7

# DEEPOWER Electric Bike User Manual

Model: QS7 | Brand: DEEPOWER

### INTRODUCTION

Welcome to the DEEPOWER Electric Bike user manual. This guide provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new 20-inch fat tire electric bicycle. Please read this manual thoroughly before your first ride to ensure proper assembly, operation, and to maximize the lifespan of your e-bike.

### SETUP AND ASSEMBLY

#### Unpacking

Carefully remove all components from the packaging. Inspect for any shipping damage. Keep the original packaging for future transport or returns.

#### Initial Assembly

Your DEEPOWER electric bike comes partially assembled. You will need to attach the handlebars, front wheel, pedals, and potentially other minor components. Refer to the included assembly diagram for detailed steps. Ensure all bolts and quick releases are securely fastened before riding.



Image: The DEEPOWER Electric Bike, showcasing its robust frame, fat tires, and integrated battery.

## Battery Installation and Initial Charge

The 48V 20Ah removable battery should be securely installed into its compartment. Before first use, fully charge the battery using the provided 48V 3A charger. A full charge typically takes approximately 5 hours. The intuitive LCD display will indicate the battery level.

## OPERATING INSTRUCTIONS

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### Powering On/Off

To power on the bike, press and hold the power button on the LCD display. To power off, repeat the action. Always ensure the bike is powered off when not in use or during maintenance.

### Riding Modes

Your DEEPOWER electric bike offers three distinct riding modes to suit various terrains and preferences:

- **Manual Mode:** Ride the bike like a traditional bicycle without any electric assistance.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal, making riding easier, especially on inclines or over long distances.
- **Electric-Only Mode:** Use the throttle to propel the bike forward without pedaling. This mode is ideal for quick bursts of speed or when you need a break from pedaling.

# BRIGHT DUAL LIGHTS

Ensures safety even when



Image: Visual representation of the three riding modes available on the DEEPOWER e-bike.

## Gear Shifting

The bike is equipped with a 7-speed gear system. Use the shifter on the handlebar to change gears, adapting to different speeds and terrains. Shift smoothly to avoid strain on the drivetrain.

# SMOOTH GEAR SHIFTS

Equipped with reliable, smooth 7-speed gears, you can easily adjust the speed to your comfort level to ensure a stable ride.

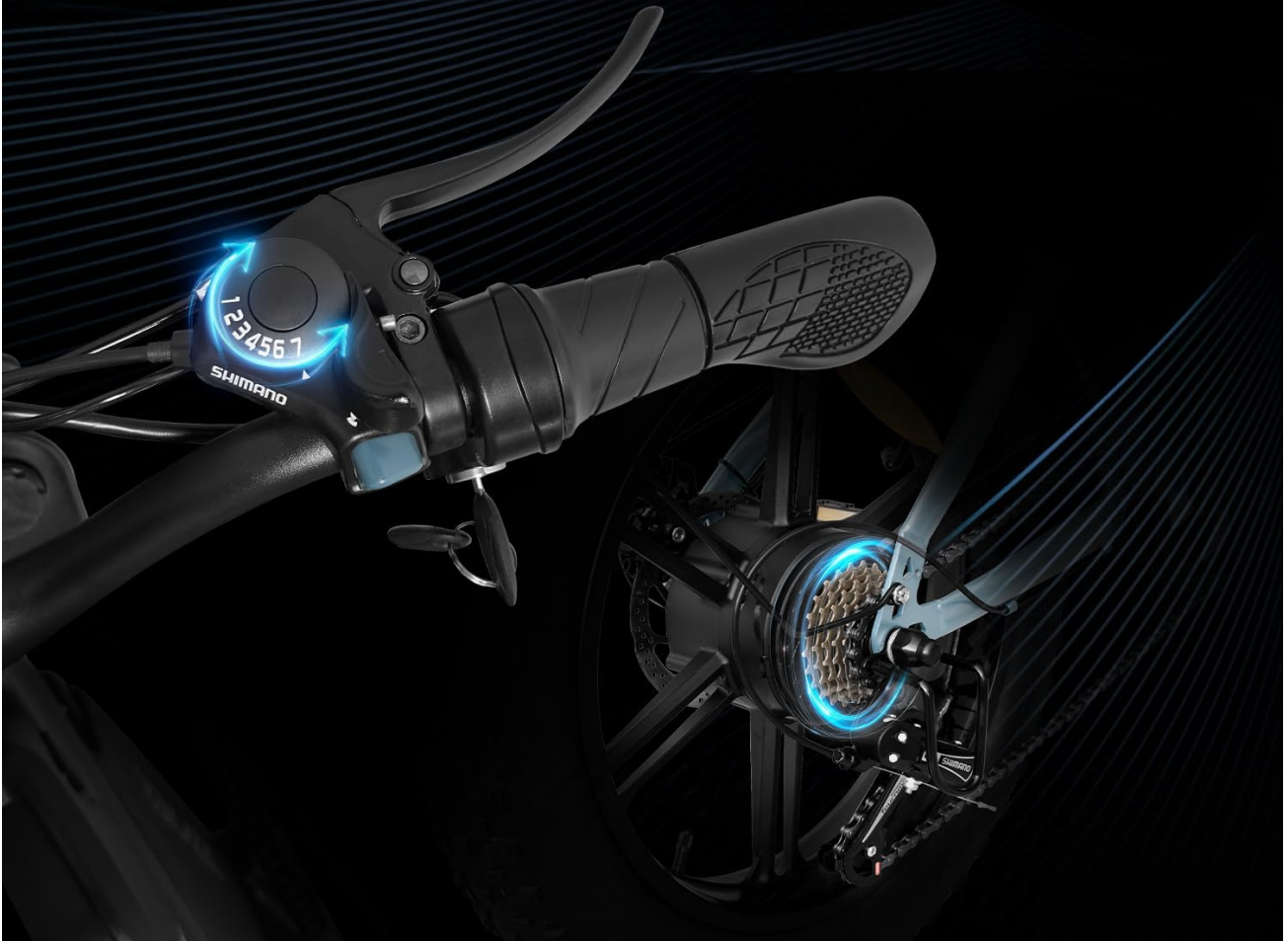


Image: Detail of the smooth 7-speed gear shifter, allowing for easy speed adjustments.

## LCD Display

The intuitive LCD display provides real-time information including speed, current gear, battery level, distance traveled, and fault codes. It also features a convenient USB charging port for your devices.



# 2+1 SHOCK ABSORBERS

1 spring pneumatic shock absorber  
2 hydraulic shock absorbers



Image: The waterproof IPX4 LCD display showing speed and battery level.

## Braking System

The DEEPOWER electric bike features front and rear disc brakes, providing reliable and responsive stopping power. Always apply both brakes simultaneously for optimal control and safety.

## Lighting System

Equipped with bright dual lights (headlight and taillight), the bike ensures visibility and safety, especially when riding at night or in low-light conditions.

# INTUITIVE LCD DISPLAY

shows speed, battery level, mileage, gears, PAS and faults. With USB charging port.



Image: The bright front and rear lights, designed for enhanced safety during night rides.

## MAINTENANCE

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Regular maintenance is crucial for the longevity and performance of your electric bike.

### Battery Care

- Charge the battery regularly, even if not in frequent use.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.

### Tire Maintenance

- Regularly check tire pressure. Maintain recommended pressure for optimal performance and safety of the 20-inch fat tires.
- Inspect tires for wear, cuts, or embedded objects.

### Brake Maintenance

- Periodically inspect brake pads for wear and replace as needed.
- Ensure brake levers are responsive and provide adequate stopping power.

### General Cleaning

- Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- Lubricate the chain periodically to ensure smooth operation and prevent rust.

### Suspension System

The dual suspension system requires minimal maintenance. Keep the suspension components clean and free of debris. Consult a professional for any complex suspension issues.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your DEEPOWER electric bike.

- **Bike Not Powering On:**  
Check if the battery is fully charged and properly seated. Ensure the power button on the display is pressed and held correctly.
- **Motor Not Engaging:**  
Verify that the battery has sufficient charge. Check if the riding mode is set to Pedal-Assist or Electric-Only. Ensure all electrical connections are secure.
- **Display Not Working:**  
Check battery connection and power. If the display is unresponsive, try restarting the bike.
- **Brakes Not Effective:**  
Inspect brake pads for wear. Check brake cables for tension and adjustment. If issues persist, professional adjustment may be required.
- **Unusual Noises:**  
Identify the source of the noise. It could be loose components, dry chain, or issues with the motor or gears. Lubricate the chain and check for loose parts.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact DEEPOWER customer support.

## SPECIFICATIONS

Detailed technical specifications for the DEEPOWER Electric Bike (Model QS7).

Feature	Specification
Bike Type	Electric Bike
Age Range	Adult
Brand	DEEPOWER
Number of Speeds	7
Color	Gray
Wheel Size	20 Inches

Frame Material	Iron
Suspension Type	Dual
Special Feature	LCD-Display, Water-Resistant
Included Components	Charger, Electric Bike
Size	20 inch x16
Brake Style	Disc
Wheel Width	4 Inches
Item Weight	85 Pounds
Style	1500w 20ah
Model Name	QS7
Year	2025
Lithium Battery Energy Content	20000 Milliamp Hours (mAh)
Warranty Type	Limited
Manufacturer	DEEPOWER
Item Package Dimensions L x W x H	53 x 32 x 12 inches
Package Weight	81 Pounds
Item Dimensions LxWxH	67 x 23 x 42 inches
Material	Aluminum alloy
Part Number	hdhaha60
Date First Available	August 24, 2022



# Three Riding Modes

In the process of riding, you can switch the riding mode at will to adapt to different road conditions, according to your remaining power and riding plan to switch the riding mode and allocate the power reasonably, so that you can ride further.



## Manual Mode

With the power off, you can ride it like a regular bike.

## Assist Mode

Turn on the power, and when you use the pedal to ride, the motor will automatically assist you.



## Electric Mode

Turn on the power and turn the right handlebar to automatically move forward without the use of a pedal.


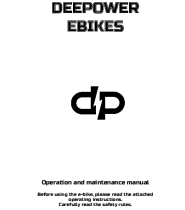




Image: Detailed product dimensions and recommended rider height for the DEEPOWER S7 e-bike.

## WARRANTY AND SUPPORT

DEEPOWER provides a one-year warranty service for this electric bicycle. This warranty covers free replacement of damaged battery, motor, controller, and other major parts. Please retain your original packaging after receiving the bike, as it may be required for returns.

For any warranty claims, technical assistance, or support inquiries, please contact DEEPOWER customer service directly. Refer to your purchase documentation for specific contact details.

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	<p><a href="#"><u>DEEPOWER S8 Electric Bicycle User Manual - Assembly, Operation, and Maintenance Guide</u></a></p> <p>Comprehensive user manual for the DEEPOWER S8 Electric Bicycle, covering assembly instructions, operational guidelines, safety notices, maintenance procedures, troubleshooting tips, and warranty information.</p>
	<p><a href="#"><u>DEEPOWER EBIKES DP-A1 Operation and Maintenance Manual</u></a></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><a href="#"><u>Deepower QS7 Electric Bike User Manual and Guide</u></a></p> <p>Comprehensive user manual for the Deepower QS7 electric bike, covering assembly, operation, safety guidelines, maintenance, troubleshooting, specifications, and warranty information.</p>
	<p><a href="#"><u>DEEPOWER QS7 Electric Bike User Manual</u></a></p> <p>Comprehensive user manual for the DEEPOWER QS7 Electric Bike, covering safety guidelines, operational instructions, specifications, installation, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#"><u>DEEPOWER S26 E-Bike User Manual</u></a></p> <p>User manual for the DEEPOWER S26 electric bicycle, detailing assembly, charging, operation, safety, maintenance, and specifications. Includes warranty information.</p>
	<p><a href="#"><u>Deepower S20 Electric Bike User Manual: Assembly, Operation, and Safety Guide</u></a></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>