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## DEEPOWER QS7

# DEEPOWER QS7 Electric Bike User Manual

Model: QS7

## 1. INTRODUCTION

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Thank you for choosing the DEEPOWER QS7 Electric Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bike. Please read this manual thoroughly before your first ride and keep it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and longevity of your DEEPOWER QS7 Electric Bike.

## 2. SAFETY INFORMATION

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Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local traffic laws and regulations regarding electric bikes. Regular inspections and maintenance are crucial for safe operation.

### General Safety Guidelines:

- Always wear a certified helmet and protective gear.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery, and all fasteners.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- Ensure the battery is securely locked in place before riding.
- Do not modify the bike's electrical system or components.

## 3. PACKAGE CONTENTS

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Upon unpacking, please verify that all items listed below are present and undamaged. If any items are missing or damaged, contact customer support immediately.

- DEEPOWER QS7 Electric Bike (90% pre-assembled)
- 960Wh Lithium Battery
- Battery Charger (48V3A)
- User Manual

- Assembly Tools
- Front and Rear Lights
- LCD Display
- Dual Disc Brakes (pre-installed)
- 7-speed Gear System (pre-installed)

## 4. ASSEMBLY

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The DEEPOWER QS7 Electric Bike arrives 90% pre-assembled. The remaining assembly steps typically involve attaching the front wheel, handlebars, pedals, and seat. Refer to the included assembly video (if provided on the product page) or the detailed instructions in this manual for step-by-step guidance.

### Key Assembly Steps:

1. **Unpacking:** Carefully remove the bike and all components from the packaging.
2. **Front Wheel Installation:** Attach the front wheel, ensuring the disc brake rotor is correctly aligned with the caliper.
3. **Handlebar Attachment:** Secure the handlebars to the stem, adjusting for comfortable riding posture.
4. **Pedal Installation:** Install the pedals, noting that the left and right pedals are threaded differently (L for left, R for right).
5. **Seat Post Adjustment:** Insert the seat post and adjust the seat height for ergonomic riding.
6. **Battery Installation:** Insert the battery into its compartment and lock it with the provided key.
7. **Final Checks:** Double-check all bolts and quick releases for tightness. Ensure brakes are functioning correctly and tires are inflated to the recommended pressure.

Your browser does not support the video tag.

*Video: DEEPOWER QS7 Product Overview. This video demonstrates various features and components of the DEEPOWER QS7 electric bike.*

## 5. COMPONENTS OVERVIEW

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The DEEPOWER QS7 is equipped with high-quality components designed for performance and durability.

### 5.1. 1500W Peak Hub Motor

The bike features an upgraded 1500W peak brushless hub motor, providing strong acceleration and a top speed of 30 MPH in pure electric mode. It is capable of conquering inclines up to 35 degrees.

# 1500W

## PEAK BRUSHLESS MOTOR



 **30MPH**  
MAX Speed

 **7 SPEED**  
Gears

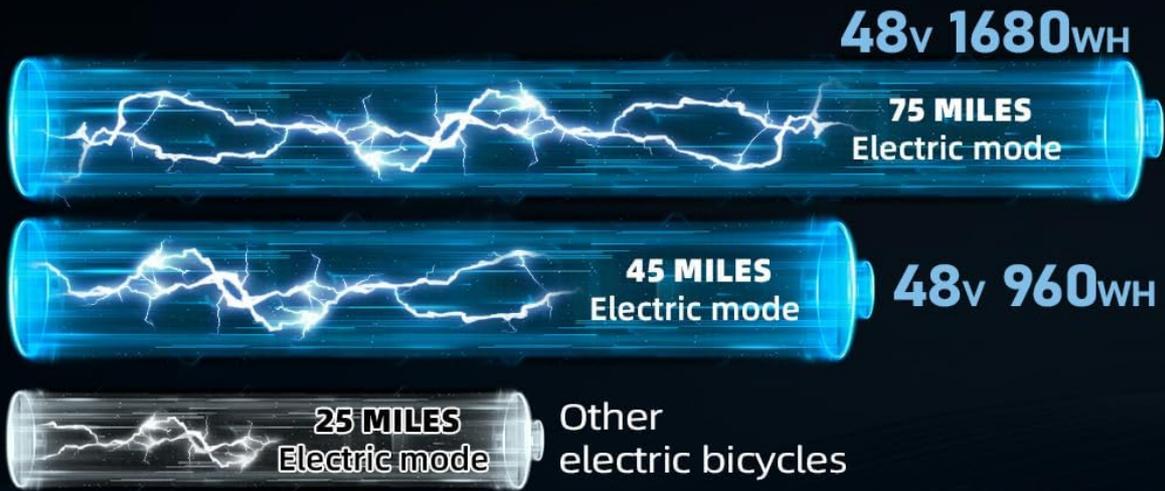
 **35°**  
Climbing

*Image: Illustration of the 1500W peak brushless motor integrated into the rear wheel.*

### 5.2. 960Wh Removable Battery

Equipped with a 960Wh lithium battery, UL safety certified, and protected by an intelligent Battery Management System (BMS). The BMS prevents overcharge and overheating, extending battery lifespan. The battery is IPX4 waterproof, ensuring reliable operation in various conditions.

# 48v20AH / 35AH REMOVABLE LG-BATTERY



*Image: View of the removable 960Wh battery pack integrated into the bike frame.*

### 5.3. Full Suspension System

The QS7 features a dual suspension system (front and rear) designed to absorb impacts and provide a smoother ride over uneven terrain. This enhances comfort and control, especially on dirt paths or bumpy roads.

# COMFORTABLE FULL SUSPENSION

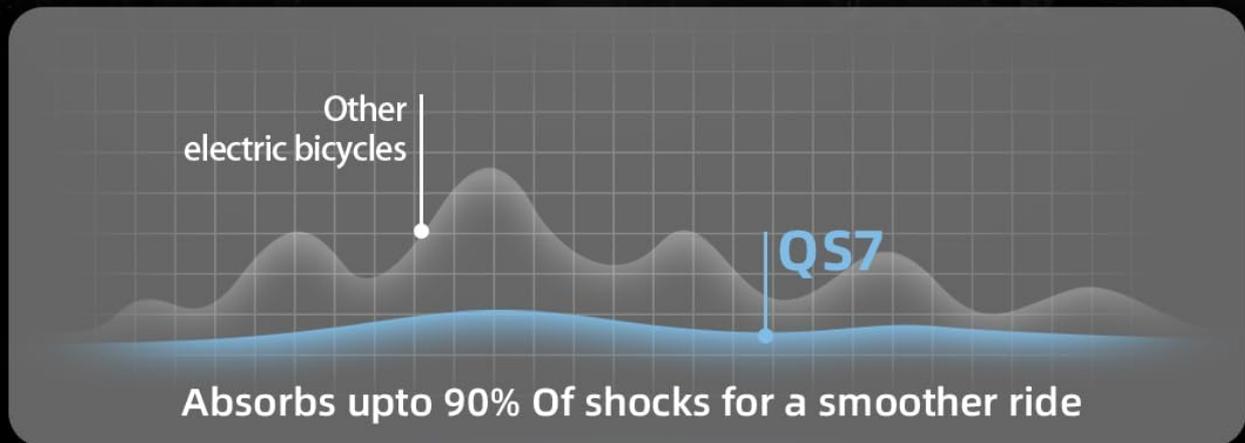


Image: Close-up view highlighting the front and rear dual suspension components.

## 5.4. Dual Disc Brakes

Equipped with responsive front and rear mechanical disc brakes, ensuring reliable and accurate stopping power in various conditions.

# LIGHT UP THE WAY FORWARD



*Image: Front view of the bike showing the disc brake rotor and caliper, along with the headlight.*

## 5.5. LCD Display & Controls

An intuitive LCD display provides real-time information including speed, battery level, and mileage. Controls for lights and throttle are conveniently located on the handlebars.

# INTELLIGENT COLORFUL DISPLAY



*Image: Close-up of the intelligent colorful LCD display and handlebar controls for lights and throttle.*

## 5.6. 7-Speed Gear System & Riding Modes

The 7-speed gear system allows for seamless adaptation to different terrains and riding preferences. The bike supports three riding modes: pure electric, pedal-assist, and manual.

# 3 RIDING MODES & 7-SPEED GEARS



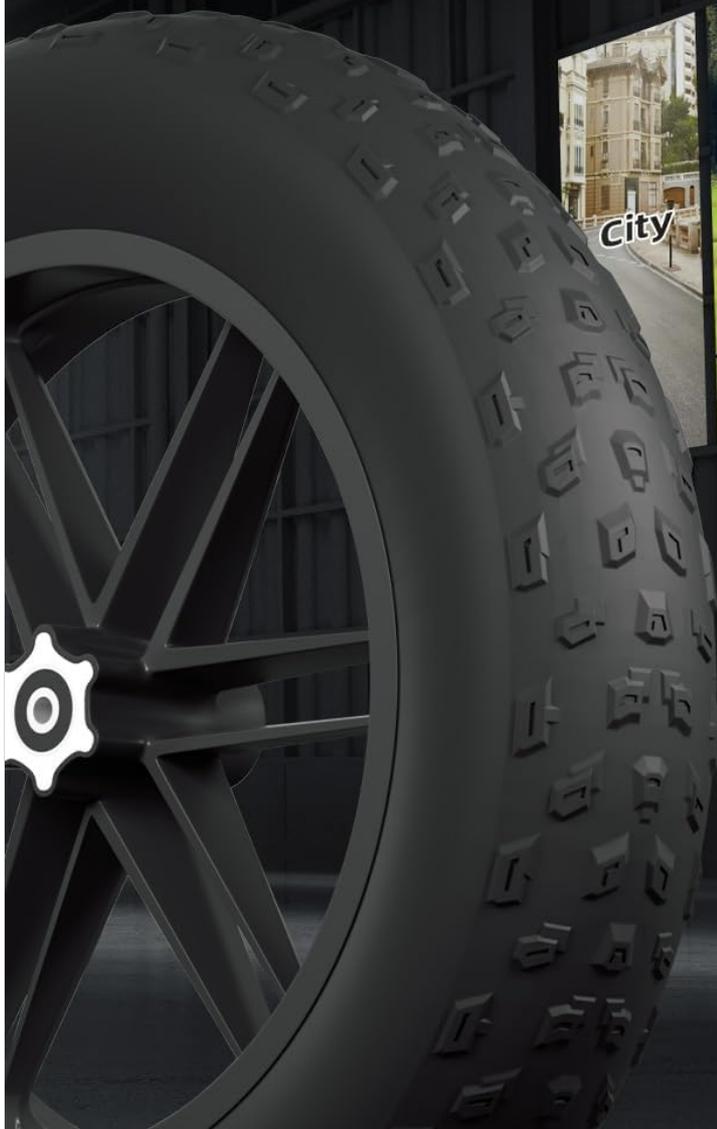
Switch between electric, pedal-assist, and manual modes with 7-speed gears to tackle any terrain.

*Image: Diagram illustrating the 7-speed gear cassette and the three riding modes.*

## 5.7. 20-inch Fat Tires

The 20-inch fat tires provide enhanced traction and stability, making the bike suitable for various surfaces including city roads, farm trails, mountain roads, and jungle paths.

# 4.0\*20"



## FAT TIRE ELECTRIC BIKE

*Image: Close-up of the 20-inch fat tire, with background images depicting various terrains.*

## 6. OPERATING INSTRUCTIONS

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### 6.1. Powering On/Off

1. **To Power On:** Insert the key into the battery lock, turn it to the 'ON' position, then press and hold the power button on

the LCD display until it illuminates.

2. **To Power Off:** Press and hold the power button on the LCD display until it turns off. Turn the key to the 'OFF' position and remove it for security.

## 6.2. Riding Modes

The DEEPOWER QS7 offers three distinct riding modes:

- **Manual Mode:** Ride the bike like a traditional bicycle using pedal power only.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust the assist level using the controls on the handlebar. Higher levels provide more motor power.
- **Pure Electric Mode:** Use the twist throttle on the handlebar to engage the motor without pedaling.

## 6.3. Gear Shifting

Use the twist grip shifter on the right handlebar to change between the 7 available gears. Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding.

## 6.4. Lights and Horn

Activate the front headlight and rear lights using the dedicated buttons on the handlebar controls. The horn can also be activated from the handlebar for signaling.

# 7. MAINTENANCE

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Regular maintenance ensures the safety, performance, and longevity of your electric bike.

## 7.1. Daily Checks

- Check tire pressure before each ride.
- Inspect brake levers and ensure proper braking function.
- Verify that all quick releases and bolts are tight.
- Ensure the battery is fully charged and securely locked.

## 7.2. Weekly/Bi-Weekly Checks

- Clean the bike frame and components with a damp cloth. Avoid high-pressure washing.
- Lubricate the chain and gear components.
- Check for any loose spokes or wheel wobbles.
- Inspect brake pads for wear and replace if necessary.

## 7.3. Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not fully discharge the battery frequently.

# 8. TROUBLESHOOTING

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This section addresses common issues you might encounter with your DEEPOWER QS7 Electric Bike.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly installed; Power button not pressed; Key not in 'ON' position.	Charge battery; Ensure battery is fully inserted and locked; Press power button firmly; Turn key to 'ON'.
Motor not assisting	PAS level set to 0; Throttle not engaged; Brake levers engaged; Loose motor cable.	Increase PAS level; Twist throttle; Release brake levers; Check motor cable connection.
Brakes feel weak	Worn brake pads; Loose brake cable; Disc rotor dirty or bent.	Inspect and replace brake pads; Adjust brake cable tension; Clean disc rotor with alcohol; Consult a professional for bent rotors.
Unusual noises during ride	Loose components; Dry chain; Misaligned gears.	Check all fasteners; Lubricate chain; Adjust gear derailleur.

## 9. SPECIFICATIONS

Detailed technical specifications for the DEEPOWER QS7 Electric Bike.

Feature	Specification
Model Name	QS7
Bike Type	Electric Bike
Motor	1500W Peak Brushless Hub Motor
Max Speed	30 MPH (Pure Electric Mode)
Climbing Power	Up to 35°
Battery	960Wh Lithium (UL Safety Certified, BMS, IPX4 Waterproof)
Suspension	Dual (Front & Rear)
Brakes	Dual Mechanical Disc Brakes
Gears	7-speed Gear System
Tires	20-inch Fat Tires
Frame Material	Carbon Steel
Display	LCD Display
Max Load Capacity	330 lbs (150 kg)
Bicycle Weight	73 lbs (33 kg)
Recommended Height	5.3 - 6.2 ft (161 - 189 cm)
Shifter Type	Twist Grip

Feature	Specification
Assembly Required	Yes (90% pre-assembled)

# SIZE OF QS7



**330LBS**  
Load Capacity



**73LBS**  
Bicycle Weight



**2.59 FT**  
Standover Height

**A : 42.13in/107cm**

**B : 64.96in/165cm**

**C : 29.92in/76cm**

**D : 22.05in/56cm**

**E : 28.35in/72cm**

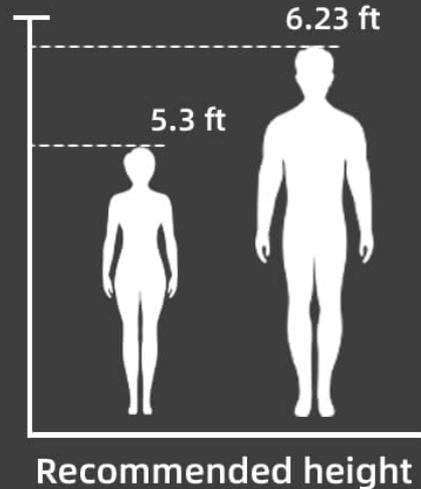


Image: Detailed dimensions of the DEEPOWER QS7 electric bike and recommended rider height.

## 10. WARRANTY AND SUPPORT

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The DEEPOWER QS7 Electric Bike comes with a 12-month warranty covering manufacturing defects. For any inquiries, technical support, or warranty claims, please contact DEEPOWER customer service.

### Contact Information:

- **Warranty Period:** 12 months from the date of purchase.
- **Support Hours:** Monday - Friday, 9:00 am - 6:00 pm EST.
- **Contact Method:** Refer to the product page or your purchase documentation for email or website contact details. Provide corresponding pictures or videos to prove that parts are damaged for warranty claims.



*Image: DEEPOWER customer service contact details, including warranty information and support hours.*