

## DEEPOWER QS7

# DEEPOWER Electric Bicycle QS7 User Manual

Model: QS7

## 1. INTRODUCTION

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Thank you for choosing the DEEPOWER Electric Bicycle QS7. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new e-bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

The DEEPOWER QS7 is designed for urban and off-road exploration, featuring a powerful motor, high-capacity battery, and robust construction. It offers versatile riding experiences with multiple modes and advanced suspension.

## 2. SETUP AND ASSEMBLY

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Your DEEPOWER QS7 electric bicycle arrives 90% pre-assembled. The remaining assembly steps are straightforward and typically involve attaching the front wheel, handlebars, pedals, and seat. A detailed assembly video and instructions are provided to guide you through the process.

### 2.1 Unpacking and Components

Carefully remove all components from the packaging. Ensure all parts are present before beginning assembly.

- Electric Bicycle ×1
- Battery ×1 (Note: 20Ah and 35Ah versions include one battery; the 60Ah version includes two batteries)
- Charger ×1
- Fenders ×2
- Installation Kit ×1

### 2.2 Assembly Steps

1. **Install the Front Wheel:** Securely attach the front wheel to the fork using the quick-release mechanism or axle nuts.
2. **Attach the Handlebars:** Insert the handlebar stem into the fork tube and tighten the bolts. Adjust the angle for comfort.
3. **Mount the Pedals:** Identify the left (L) and right (R) pedals. Thread the 'L' pedal counter-clockwise and the 'R' pedal clockwise into the crank arms. Tighten firmly.
4. **Insert the Seat Post:** Insert the seat post into the frame's seat tube and adjust the height. Secure with the quick-release lever.
5. **Install Fenders:** Attach the front and rear fenders using the provided hardware.
6. **Charge the Battery:** Before first use, fully charge the battery. Refer to the 'Charging the Battery' section for details.



Scan the QR code to access the QS7 manual online or for direct email support.

## 3. OPERATING INSTRUCTIONS

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The DEEPOWER QS7 offers a dynamic riding experience with multiple modes and intuitive controls.

### 3.1 Riding Modes

Your e-bike features three distinct riding modes:

- **Pedal-Only Mode:** Ride the bicycle like a traditional bike, using only pedal power.
- **Electric-Only Mode:** Use the throttle for full electric power without pedaling.
- **Pedal-Assisted Mode (PAS):** The motor provides assistance as you pedal, making rides easier and extending range.

### 3.2 Controls and Display

# INTELLIGENT CONTROL

SPEED  
ELECTRONIC  
CURRENT MODE



The intelligent control display provides real-time information and access to various functions. The centralized full-color LED display shows speed, battery level, riding mode, and other essential data. Controls for shifting gears, accelerator, brake levers, horn, and lights are conveniently located on the handlebars.

## 3.3 Motor and Performance

# Performance Inarrestabile



Velocità Max 24.9KM/H



Supera Pendenze del 35°



Tecnologia di Raffreddamento

The powerful motor delivers 120 N.m of torque, allowing the bike to climb inclines up to 35 degrees. The 250W brushless motor provides robust power with a maximum speed of 25 KM/H (as per regulations). It features a cooling technology for sustained performance and can handle inclines up to 35 degrees.

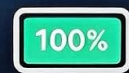
## 3.4 Battery and Range

# Potenzia la tua autonomia

Batteria personalizzabile per viaggi prolungati



**3A** Caricabatterie



Tempo di ricarica 5 ore

48V 20/35/60AH

DEEPOWER

70-160  
miglia

The removable battery offers flexible capacity options and a significant range. The DEEPOWER QS7 is equipped with a 48V removable battery, available in 20Ah, 35Ah, or 60Ah capacities. The range varies from 110 KM to 250 KM depending on the battery capacity and riding conditions. A full charge takes approximately 6-7 hours using the provided 3A charger.

## 3.5 Braking System



The e-bike features reliable front and rear dual disc brakes for effective stopping power. The e-bike features front and rear disc brakes, providing balanced and responsive stopping power for safe

riding in various conditions.

### 3.6 Suspension and Tires



The dual suspension system, including front forks and a central shock absorber, ensures a smooth ride.



The 20x4 inch anti-puncture fat tires provide excellent grip and stability on diverse terrains. Equipped with a dual suspension system, including lockable front forks and a central shock absorber, the QS7 minimizes fatigue and provides a smoother ride over uneven terrain. The 20x4.0 inch anti-puncture fat

tires offer superior traction and stability on sand, snow, gravel, and rocky paths.

### 3.7 Lighting System



The e-bike features a bright headlight with a 30-meter beam and anti-glare lens, along with integrated rear brake lights and turn signals for enhanced visibility.

The QS7 features a powerful headlight with a 30-meter beam and anti-glare lens for improved night visibility. Integrated rear brake lights and turn signals ensure you are seen by others, enhancing safety.

### 3.8 Seating Comfort

# Cuscino Ultimo

Extra-thick & extended seat for all-day riding comfort.  
Sedile extra-spesso ed esteso per un comfort di guida tutto il giorno.



The extra-thick and extended seat (130mm) is designed for superior comfort during long rides. The extra-thick and extended seat is designed for all-day riding comfort, reducing pressure and fatigue on longer journeys.

## 4. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your DEEPOWER QS7 electric bicycle.

### 4.1 General Care

- Keep the bike clean, especially after riding in wet or muddy conditions.
- Store the bike in a dry place, away from direct sunlight and extreme temperatures.
- Regularly check all bolts and fasteners for tightness.

### 4.2 Battery Care

- Charge the battery regularly, even if the bike is not in use, to maintain its health.
- Avoid completely draining the battery.
- Use only the original charger provided with your e-bike.

- The battery features an intelligent BMS protection system for safety and reliability.

### 4.3 Tires and Brakes

- Maintain correct tire pressure as indicated on the tire sidewall.
- Inspect tires for wear, cuts, or punctures before each ride.
- Regularly check brake pads for wear and ensure brake levers operate smoothly. Adjust or replace as needed.

### 4.4 Drivetrain

- Keep the chain clean and lubricated for smooth gear changes and to prevent wear.
- Inspect gears and derailleur for proper alignment and function.

## 5. TROUBLESHOOTING

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This section provides general guidance for common issues. For more complex problems, please contact customer support.

- **Bike not turning on:** Check if the battery is properly inserted and charged. Ensure all connections are secure.
- **Motor not assisting:** Verify that pedal-assist mode is activated and the battery has sufficient charge. Check for any error codes on the display.
- **Brakes feel weak:** Inspect brake pads for wear. Ensure brake cables are properly tensioned (for mechanical disc brakes) or fluid levels are adequate (for hydraulic disc brakes, if applicable).
- **Unusual noises:** Identify the source of the noise. It could be loose components, rubbing brakes, or issues with the drivetrain. Stop riding and investigate.

If you encounter issues not covered here or require further assistance, please refer to the Warranty & Support section.

## 6. SPECIFICATIONS

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# S7 FRAME DIMENSIONS

  
Load Capacity  
**330LBS**

  
Bicycle Weight  
**99LBS**

**A : 42.13in/107cm**

**B : 64.96in/165cm**

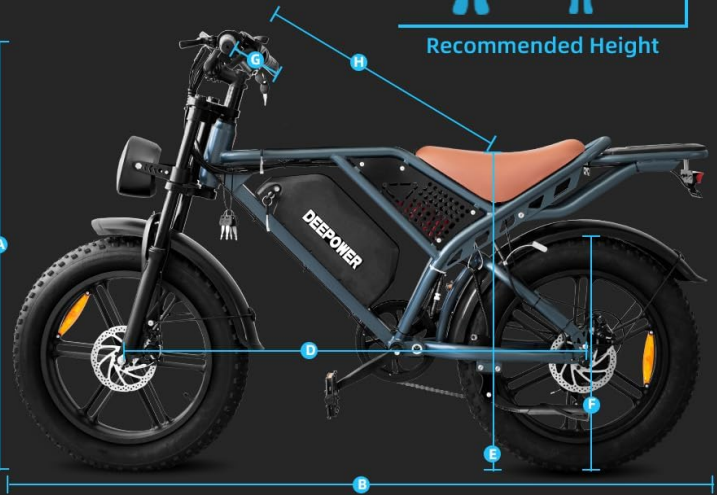
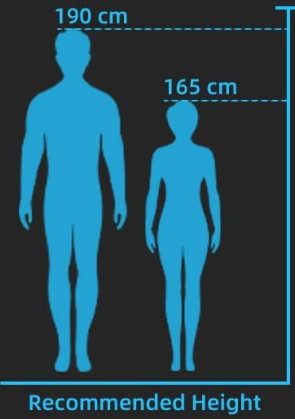
**D : 42.52in/108cm**

**E : 29.92in/76cm**

**F : 22.05in/56cm**

**G : 28.35in/72cm**

**H : 29.13in/74cm**



Detailed frame dimensions and recommended rider heights for the DEEPOWER QS7.

Feature	Specification
Brand	DEEPOWER
Model Name	QS7
Bike Type	Adult Electric Bicycle, E-bike, Fat Tire Electric Bicycle
Age Range (Description)	Adults
Number of Speeds	7
Color	Nero Matt (Matte Black)
Wheel Size	20 Inches
Wheel Width	4 Inches
Frame Material	High Carbon Steel
Suspension Type	Dual Suspension

Feature	Specification
Braking System	Disc
Special Features	Digital Display, Dual Suspension, Dual Disc Brake, Multi-speed
Power Source	Electric
Lithium Battery Energy	1680 Watt-hours (for 35Ah version, varies by capacity)
Electric Assist Type	Pedal Assisted
Item Weight	40 Kilograms (approx. 88 lbs)
Recommended Maximum Weight	330 Pounds
Assembly Required	Yes (90% pre-assembled)
Model Year	2026

## 7. WARRANTY AND SUPPORT

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DEEPOWER is committed to providing quality products and excellent customer service.

### 7.1 Warranty Information

Your DEEPOWER QS7 electric bicycle comes with a **1-year limited warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. To claim warranty service, you may be required to provide corresponding photographs or videos demonstrating the damaged parts.

**Important: We recommend retaining the original packaging for optimal warranty service.**

### 7.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact DEEPOWER customer support. We aim to provide professional assistance within 24 hours on working days.

- **Online Manual:** For the latest version of this manual and additional resources, please visit: <https://qr61.cn/o23LoJ/qHNode8>
- **Email Support:** You can reach our support team directly via email at: [Deepowery@outlook.com](mailto:Deepowery@outlook.com)