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DEEPOWER QS7

DEEPOWER QS7 Electric Bike Instruction Manual

Model: QS7

1. INTRODUCTION

Thank you for choosing the DEEPOWER QS7 Electric Bike. This manual provides important information regarding the assembly, operation, maintenance, and safety of your electric bicycle. Please read this manual thoroughly before your first ride to ensure safe and optimal performance.

The DEEPOWER QS7 is designed for adults, featuring a powerful motor, long-range battery, and dual suspension for various terrains.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Observe all local traffic laws and regulations. This electric bike is intended for adult use only.

- **Pre-Ride Check:** Before each ride, inspect the brakes, tires (pressure and condition), lights, and ensure all bolts and quick releases are securely fastened.
- **Battery Safety:** The 960Wh lithium battery is UL safety certified and protected by an intelligent Battery Management System (BMS) to prevent overcharge and overheating. Do not modify the battery or charger. Always use the provided charger.
- **Weather Conditions:** The bike has an IPX4 waterproof rating, allowing for reliable operation in rain or splashes. However, avoid submerging the bike in water. Exercise caution when riding in wet or slippery conditions.
- **Weight Limit:** The maximum load capacity is 330 lbs (150 kg). Do not exceed this limit.
- **Visibility:** Utilize the potent front and rear lights, especially during nocturnal rides, to ensure prime visibility.

3. SETUP AND ASSEMBLY

The DEEPOWER QS7 Electric Bike arrives approximately 90% pre-assembled. A tool kit is included to assist with the remaining assembly steps. For detailed visual guidance, refer to the official assembly video.

3.1 Initial Assembly Steps

1. Carefully remove the bike and all components from the packaging.
2. Attach the front wheel, handlebars, pedals, and any other remaining components as per the included instructions.

3. Ensure all connections are secure and tightened to the recommended torque specifications.

3.2 Battery Charging

Before your first ride, fully charge the battery. Connect the charger to the bike's charging port and then to a power outlet. The indicator light on the charger will change when charging is complete. Always unplug the charger once the battery is fully charged.

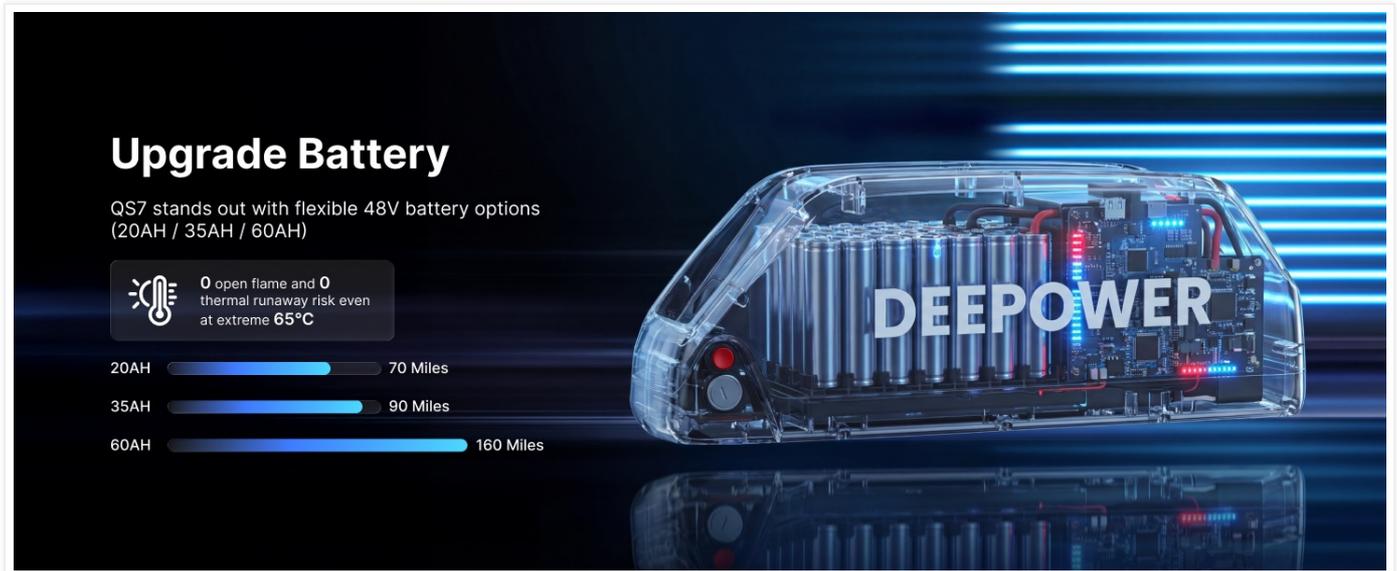


Image: The removable 960Wh lithium battery of the DEEPOWER QS7 Electric Bike, showing its internal structure and capacity options.

3.3 Assembly Video

For a visual guide on assembly, please watch the official DEEPOWER QS7 Ebike video:

Your browser does not support the video tag.

Video: Official DEEPOWER QS7 Ebike overview, demonstrating features and potentially assembly steps. This video is 18 seconds long.

4. OPERATING YOUR DEEPOWER QS7

4.1 Powering On/Off and Display

To power on the bike, press and hold the power button on the intelligent LCD display. The display provides real-time information such as speed, battery level, and mileage. Use the controls on the handlebars to navigate display options and activate lights.

Centralized Full-Color LED Display

| LED | LCD |
|---|---|
| No Glare - Visibility | Prone to Glare Low- Power Consumption Level |
| 100000+ Hours- Use Life | 3000+ Hours- Use Life |
| -20°C~60°C-Climate Adaptability | Prone to Blackouts |
| Color / Auto-adjust / Multi-Mode-Functional Expandability | Mostly Monochrome / Fixed |

Image: The centralized full-color LED display of the DEEPOWER QS7, showing speed, battery, and other ride data, along with handlebar controls for lights and throttle.

4.2 Riding Modes and Gears

The QS7 offers three riding modes: electric, pedal-assist, and manual. It is equipped with a versatile 7-speed gear system to adapt to various terrains and riding preferences.

- **Electric Mode:** Engages the 1500W peak brushless hub motor for speeds up to 30 MPH without pedaling.
- **Pedal-Assist Mode:** Provides motor assistance while you pedal, extending battery range and reducing effort.
- **Manual Mode:** Ride as a traditional bicycle using pedal power only.

7 Speed Smooth Shift

| | |
|-------------------|----------------|
| Cycling Fatigue ↓ | Joint Stress ↓ |
| Comfort ↑ | Range ↑ |

Image: Illustration of the 7-speed gear system on the DEEPOWER QS7 Electric Bike, highlighting its versatility for different terrains.

4.3 Motor and Performance

The 1500W peak brushless hub motor allows the bike to conquer slopes up to 30°. The motor provides consistent power for both city commutes and off-road trails.

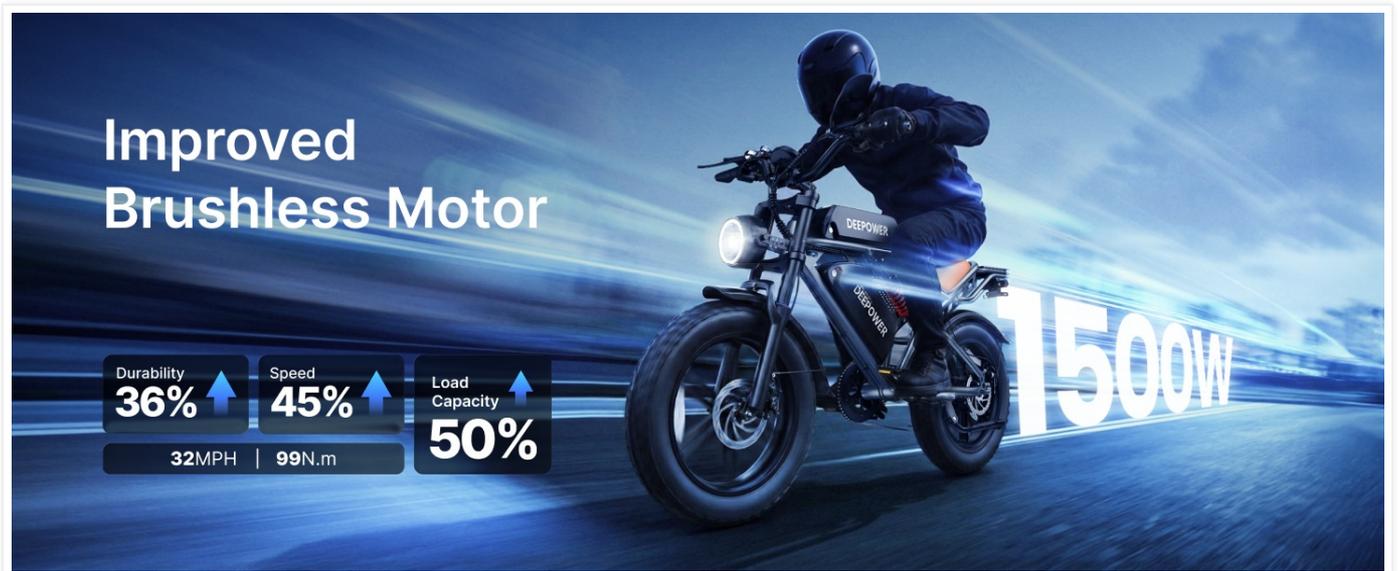


Image: Visual representation of the improved 1500W brushless motor, emphasizing its durability, speed, and load capacity.

4.4 Suspension and Brakes

The QS7 features a full dual suspension system (front and rear) to absorb shocks and provide a smoother ride over uneven terrain. Responsive dual disc brakes ensure safe and accurate stopping power.

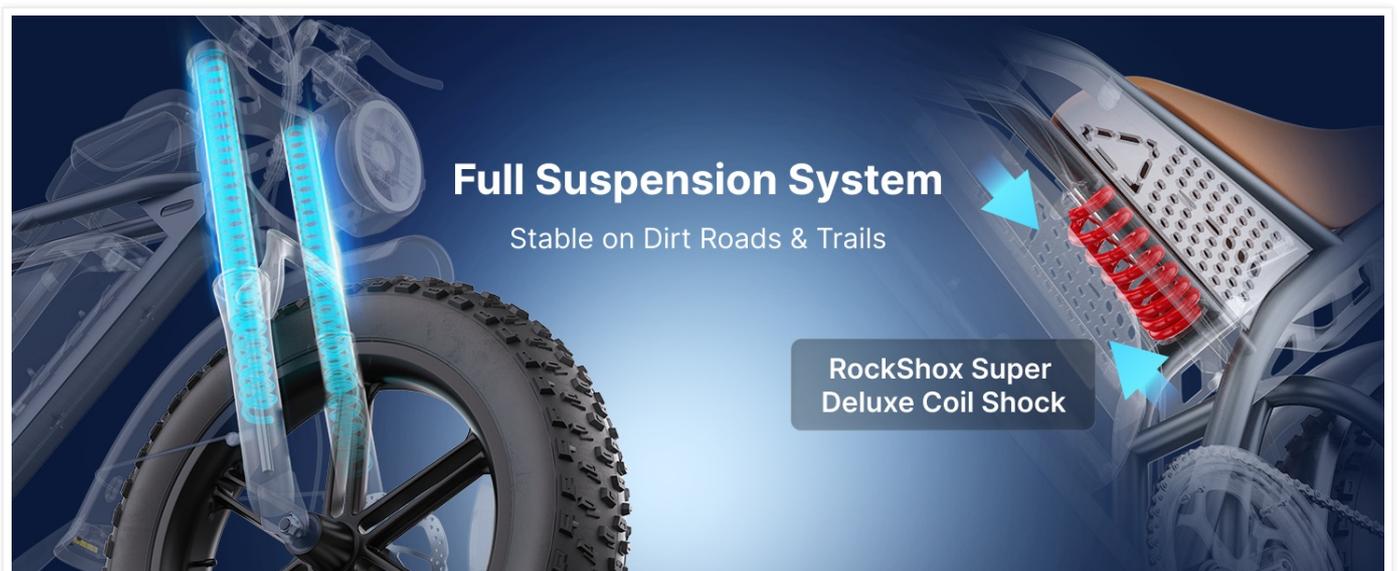


Image: Diagram illustrating the full suspension system of the DEEPOWER QS7, including front forks and rear coil shock, designed for stability on dirt roads and trails.



Image: Close-up view of the reliable dual disc brakes on the DEEPOWER QS7, showing front and rear rotors for balanced braking force and easy inspection.

4.5 Tires and Lighting

The 20-inch fat tires provide stability and grip across various surfaces, including sandy, snowy, mountain, and urban environments. The bike is equipped with high headlights and integrated brake and turn signal lights for enhanced safety and visibility.



Image: Illustration of the 20"x4" all-terrain fat tires, highlighting their suitability for diverse environments like sand, snow, mountains, and urban roads.

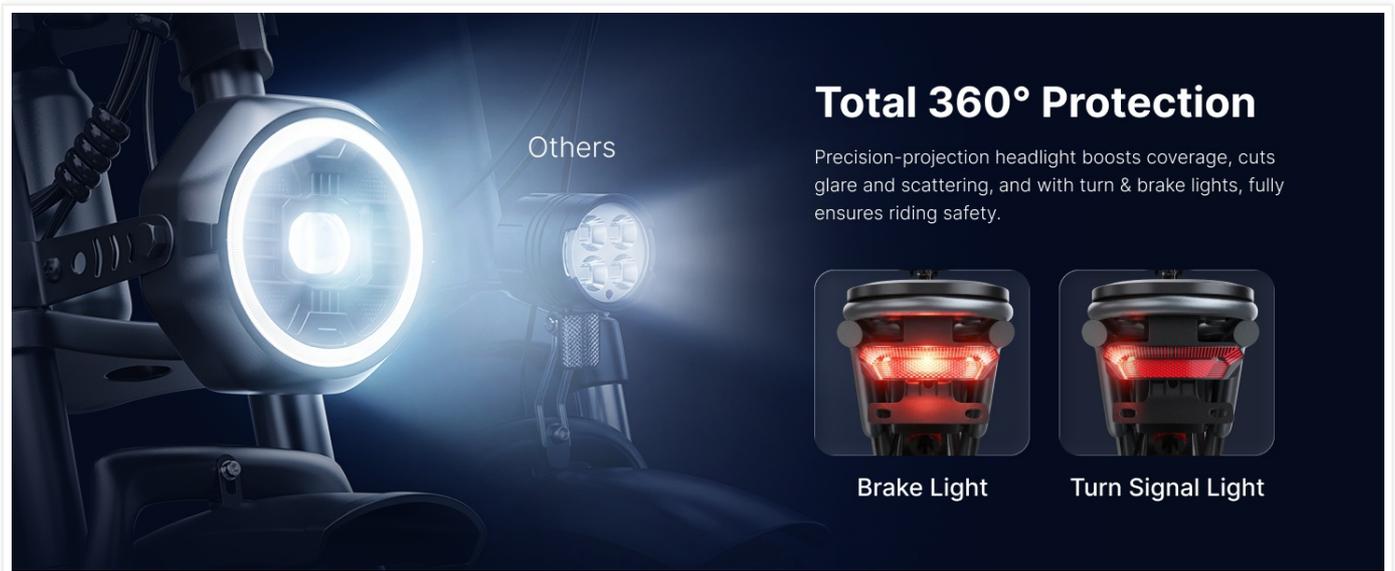


Image: Depiction of the DEEPOWER QS7's comprehensive lighting system, including a precision-projection headlight, brake light, and turn signal lights for 360° protection.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your DEEPOWER QS7 Electric Bike.

5.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- Always use the original DEEPOWER charger.

5.2 General Bike Maintenance

- **Cleaning:** Clean the bike regularly with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure before each ride. Maintain recommended pressure for optimal performance and safety.
- **Brakes:** Regularly inspect brake pads and discs for wear. Ensure brakes are responsive and properly adjusted.
- **Chain:** Keep the chain clean and lubricated for smooth gear changes and to prevent wear.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases to ensure they are tight.

6. TROUBLESHOOTING

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

| Problem | Possible Cause | Solution |
|-------------------------|--|--|
| Bike does not power on. | Battery is not charged or not properly seated. | Ensure battery is fully charged and securely installed. Check power button. |
| Motor not assisting. | Low battery, incorrect riding mode, or sensor issue. | Charge battery. Select electric or pedal-assist mode. Check for loose connections. |
| Brakes feel weak. | Worn brake pads, loose cable, or disc issue. | Inspect brake pads and discs. Adjust brake cables. Consult a professional if needed. |

| Problem | Possible Cause | Solution |
|----------------------------------|---|--|
| Unusual noises during operation. | Loose components, dry chain, or debris. | Check all fasteners. Lubricate chain. Inspect for foreign objects. |

If you encounter issues not listed here or require further assistance, please contact DEEPOWER customer support.

7. SPECIFICATIONS

Below are the key specifications for the DEEPOWER QS7 Electric Bike:

| Feature | Detail |
|-----------------------|-----------------------------------|
| Bike Type | Electric Bike |
| Age Range | Adult |
| Motor | 1500W Peak Brushless Hub Motor |
| Max Speed | Up to 30 MPH (electric mode) |
| Hill Climbing Ability | Up to 30° |
| Battery | 960Wh Lithium Pack (UL Certified) |
| Waterproof Rating | IPX4 |
| Gears | 7-Speed Gear System |
| Suspension | Dual (Front & Rear) |
| Brakes | Dual Disc Brakes |
| Tires | 20-inch Fat Tires |
| Frame Material | Carbon Steel |
| Max Load Capacity | 330 lbs (150 kg) |
| Recommended Height | 5.3 - 6.2 ft |
| Included Components | Tool Kit |



Image: A detailed size guide for the DEEPOWER QS7 Electric Bike, showing dimensions and recommended rider height.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The DEEPOWER QS7 Electric Bike comes with a 12-month limited warranty. This warranty covers parts that are damaged within one year of purchase, provided corresponding pictures or videos are supplied as proof of damage.

8.2 Customer Support

For any inquiries, technical support, or warranty claims, please contact DEEPOWER customer service. Professional after-sales service is typically provided within 24 hours on working days.

Contact Method: You can reach DEEPOWER via email or website.

Service Hours: Monday - Friday, 9:00 am - 6:00 pm EST.



Image: DEEPOWER customer service details, including 12-month warranty information and contact hours.



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