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Rideon QS7-1500W-20AH

Rideon QS7-1500W-20AH Electric Bike User Manual

Model: QS7-1500W-20AH

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Rideon QS7-1500W-20AH Electric Bike. Please read this manual thoroughly before your first ride and retain it for future reference.



Image 1.1: The Rideon QS7-1500W-20AH Electric Bike, featuring fat tires and dual suspension.

2. SAFETY INFORMATION

Always wear a helmet and appropriate safety gear when riding. Ensure all components are securely fastened before each use. Familiarize yourself with local regulations regarding electric bikes. Do not operate the bike under the influence of alcohol or drugs. Regular maintenance is crucial for safe operation.

3. PACKAGE CONTENTS

Upon unboxing, verify that all the following items are included:

- Rideon QS7-1500W-20AH Electric Bike (partially assembled)
- Front Wheel
- Handlebar
- Front Fender
- Headlight
- Pedals
- Tool Kit
- User Manual (this document)
- Battery Charger
- Keys for Battery Lock

4. SETUP AND ASSEMBLY

The Rideon QS7-1500W-20AH Electric Bike is 85% pre-assembled. Follow these steps to complete the assembly:

4.1. Unboxing and Initial Inspection

Carefully remove the bike and all components from the packaging. Inspect for any shipping damage.

4.2. Handlebar Installation

Attach the handlebar to the stem. Ensure it is centered and the brake levers and shifters are in a comfortable position. Tighten the four screws on the handlebar clamp securely using the provided tool.

4.3. Front Wheel Mounting

Install the axle shafts into the front wheel. Carefully align the disc brake rotor with the brake caliper. Insert the wheel into the front fork dropouts and secure it by tightening the axle nuts. Ensure the wheel spins freely without rubbing against the brake pads.

4.4. Fender Installation

Attach the front fender to the designated mounting points on the front fork. Secure it with the provided screws and bolts.

4.5. Headlight Installation

Mount the headlight to the front of the bike. Connect the headlight's power cable to the corresponding connector on the bike's wiring harness. Ensure a secure connection.

4.6. Pedal Installation

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

4.7. Initial Power-Up

Insert the key into the battery lock and turn it to the 'ON' position. The display should illuminate. Remove the protective film from the display.

4.8. Assembly Video Guide

For a visual guide on the assembly process, please refer to the official installation video:

Your browser does not support the video tag.

Video 4.1: Step-by-step guide on how to install the QS7 electric bike.

5. OPERATING INSTRUCTIONS

5.1. Riding Modes

Your Rideon QS7-1500W-20AH Electric Bike offers three distinct riding modes:

- **Throttle Mode:** Engage the throttle to power your ride without pedaling. This mode utilizes the full power of the 1500W peak motor.
- **Pedal-Assist Mode:** The motor provides assistance as you pedal, making your ride easier and extending battery range.
- **Normal Bike Mode:** Ride the bike like a traditional bicycle, using only pedal power.

The bike is equipped with a 7-speed transmission for optimal power output across various terrains.



Image 5.1: Illustration of the 7-speed gears and riding modes.

5.2. LCD Central Display

The integrated LCD display provides real-time information such as speed, battery level, and riding mode. It also includes controls for the turn signal switch, electric horn, and lights.

LCD CENTRAL DISPLAY

 Turn signal switch

 Electric Horn

 Light Controls



Image 5.2: Close-up of the LCD central display and handlebar controls.

5.3. Speed Limit Removal

The bike may come with a factory-set speed limit. To remove this limit and achieve the maximum speed of 30MPH (50km/h), follow the instructions in the video below. This involves disconnecting a specific port on the bike's wiring harness.

Your browser does not support the video tag.

Video 5.3: Tutorial on how to remove the speed limit from the electric bike.

Note: Removing the speed limit may affect the bike's legal classification and usage restrictions in certain regions. Always comply with local laws and regulations.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric bike. Perform the following checks periodically:

- **Tire Pressure:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- **Brakes:** Inspect brake pads for wear and ensure proper brake lever function. Adjust as needed.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth gear changes.
- **Fasteners:** Periodically check all bolts and screws for tightness, especially on the handlebars, wheels, and seat post.
- **Battery:** Store the battery in a cool, dry place. Avoid fully discharging the battery for extended periods. Charge regularly.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

7. TROUBLESHOOTING

If you encounter issues with your Rideon QS7-1500W-20AH Electric Bike, consider the following common solutions:

- **Bike not powering on:** Check if the battery is properly seated and locked, and if it has sufficient charge. Ensure all electrical connections are secure.
- **Motor not assisting:** Verify that pedal-assist mode is selected and the throttle is engaged if using throttle mode. Check for any loose motor connections.
- **Brakes feel weak:** Inspect brake pads for wear. Ensure brake cables are properly tensioned.
- **Unusual noises:** Stop riding immediately and inspect the source of the noise. Check for loose components, rubbing parts, or chain issues.

For persistent problems or issues not covered here, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike
Brand	Rideon
Model Name	Rideon 1500W Peak 20" Fat Tire EBike
Motor Power	1500W Peak
Max Speed	30 MPH (48 KM/H)
Battery	48V 20AH Removable Lithium Battery
Range (Pure Electric)	Over 35 miles
Range (Pedal-Assist)	Over 50 miles
Wheel Size	20 Inches
Tire Type	Fat Tire (4.0" x 20")
Suspension Type	Dual (Front Fork + Center Hydraulic)
Brake Style	Dual Disc Brakes
Number of Speeds	7
Frame Material	Carbon Steel
Item Weight	73 Pounds
Maximum Weight Recommendation	330 Pounds
Recommended User Height	5.3 - 6.2 ft (63 - 74.4 inches)
Special Feature	LCD-Display

Size Of Qs7



A :42.13in/107cm

B :64.96in/165cm

C :29.92in/76cm

D :22.05in/56cm

E :28.35in/72cm



330LBS
Load Capacity



73LBS
Bicycle Weight



2.59 FT
Standover Height

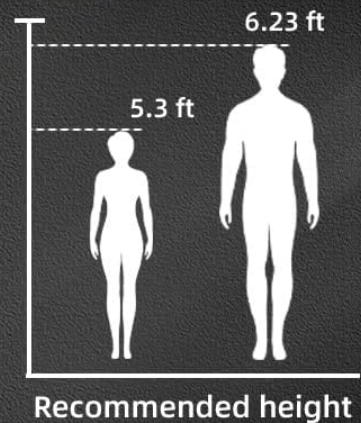


Image 8.1: Dimensions and weight specifications for the QS7 electric bike.

9. WARRANTY AND SUPPORT

Your Rideon QS7-1500W-20AH Electric Bike comes with a **12-month limited warranty** from the date of purchase. This warranty covers manufacturing defects and component failures under normal use. Please retain

your proof of purchase for warranty claims.

Customer Support

For any questions, technical assistance, or warranty claims, please contact our support team:

- **Email:** Deepowery@outlook.com
- **Availability:** Monday - Friday, 9:00 am - 6:00 pm (EST)

When contacting support, please provide your model number (QS7-1500W-20AH) and a detailed description of the issue, along with any relevant pictures or videos.



Image 9.1: Rideon brand logo.