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› SINOHON EM200 26-inch Electric Bike User Manual

SINOHON EM200

SINOHON EM200 26-inch Electric Bike User Manual

Model: EM200 | Brand: SINOHON

INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your SINOHON EM200 26-inch Electric Bike. Please read this manual thoroughly before your first ride and retain it for future reference.

SAFETY GUIDELINES

Always prioritize safety when operating your electric bike. Adhere to local traffic laws and wear appropriate safety gear, including a helmet. Regular inspections and maintenance are crucial for safe operation.

- Always wear a helmet and other protective gear.
- Familiarize yourself with local e-bike regulations.
- Perform a pre-ride check before each use.
- Do not ride under the influence of alcohol or drugs.
- Ensure proper lighting for night riding.
- Do not exceed the maximum weight recommendation of 250 pounds.

PACKAGE CONTENTS

Upon unpacking, verify that all components are present and undamaged.

- SINOHON EM200 Electric Bike (main frame, wheels, handlebars, seat, pedals)
- Removable 36V/10.4Ah Battery
- Battery Charger
- User Manual
- Basic Assembly Tools (may vary)



Image: The SINOHON EM200 Electric Bike, shown with an included air pump, illustrating the complete package contents.

SETUP AND ASSEMBLY

The SINOHON EM200 electric bike requires some assembly. It is recommended to have basic tools available. Assembly typically takes approximately 45 minutes.

Initial Battery Charging

1. Locate the 36V/10.4Ah removable battery.
2. Connect the included original charger to the battery and a power outlet.
3. Allow 4-6 hours for a full charge. The battery may arrive partially charged.
4. Always use the original charger to ensure battery longevity and safety.



Image: The 36V 10.4AH long-range battery of the SINOHON EM200, indicating its capacity and charging characteristics.

OPERATING INSTRUCTIONS

Powering On and Display

The EM200 features an LED large screen display that provides real-time information. This display is designed to be slightly waterproof.

LED LARGE SCREEN DISPLAY



Image: The LED large screen display on the SINOHON EM200, providing essential ride data.

Riding Modes

The EM200 offers four distinct riding modes to suit various preferences and terrains:

- **Pure Electric Mode:** The motor provides full power without pedal assistance. The bike can reach a top speed of 20 mph in this mode.
- **Pedal Assist Mode:** The motor provides assistance as you pedal, amplifying your effort.
- **Manual Riding Mode:** The bike operates as a traditional bicycle, with no motor assistance.
- **Cruise Control Mode:** Maintains a set speed without continuous throttle input.

4 WORKING MODES



Electric Bike



Normal Bicycle



Assisted Bicycle



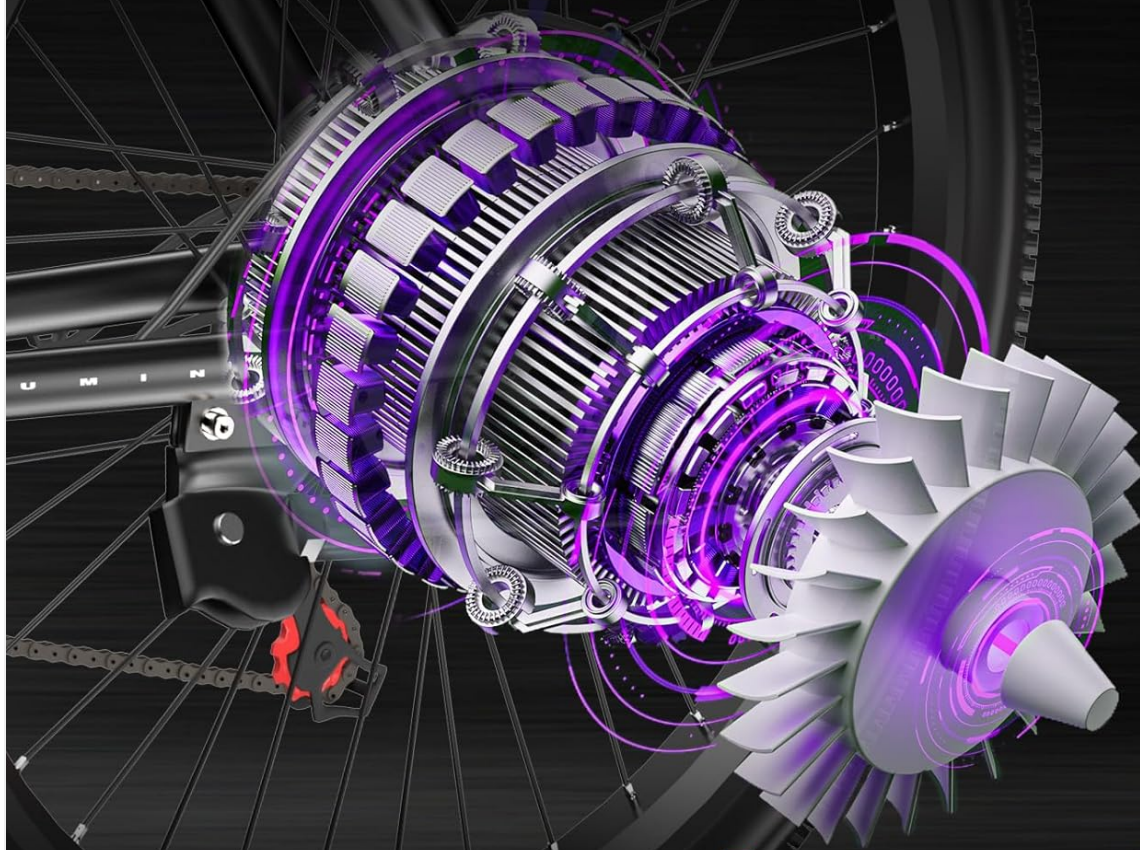
Cruise Mode

Image: Visual representation of the four riding modes available on the SINOHON EM200.

Motor and Performance

The EM200 is equipped with a 500W brushless hub motor, providing power for various terrains. It can handle inclines up to 20% and offers a range of over 37 miles on a full charge. The bike features a 7-speed gear system for adaptable riding.

500W Peak Powerful Motor



**500W
Peak**



**15°
Climbing angle**



**25MPH
Speed**

Image: Detailed view of the 500W brushless motor, illustrating its power and capability.

Braking System

The bike is fitted with dual mechanical disc brakes on both the front and rear wheels for reliable stopping power.



Image: Illustration of the dual disc brake system for enhanced safety.

Suspension and Tires

A front suspension fork provides a smoother ride by absorbing shocks. The 26"x1.95" tires are designed to be puncture-resistant, suitable for various road conditions including beach roads, mud roads, and snow roads.

Enjoy Smooth Ride with Full Suspension System



absorption of external shocks **70%**

reduction of rider fatigue **80%**

improvement of controllability & stability **90%**

Image: The full suspension system in action, demonstrating improved ride comfort and control.

with **26"x1.95"**
puncture-resistant fat tires

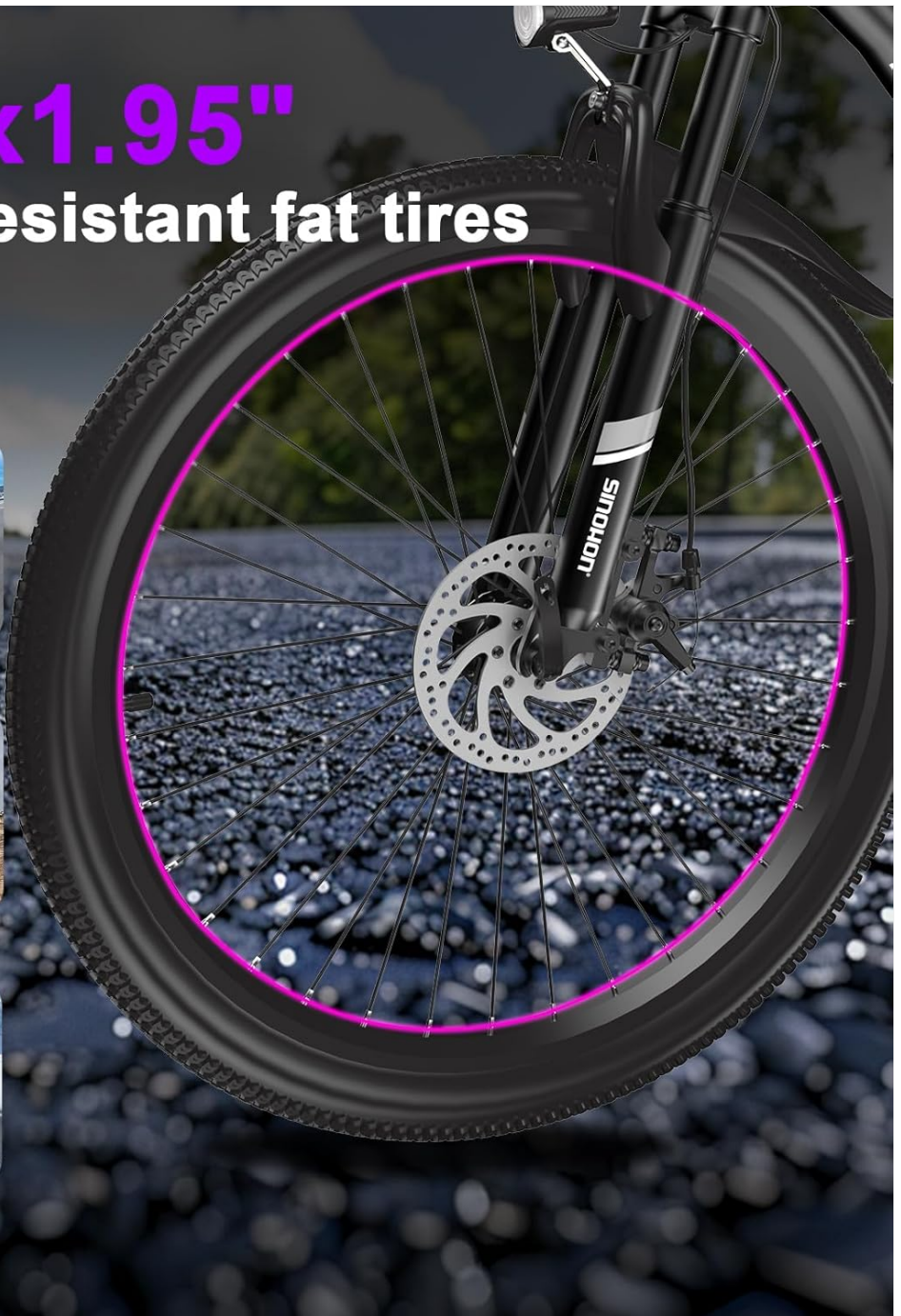


Image: The 26"x1.95" puncture-resistant tires, suitable for diverse terrains.

Lighting

The EM200 includes a powerful front light and integrated tail and brake lights to ensure visibility during day and night riding.



Image: The bike's lighting system, including front and integrated tail/brake lights, for improved visibility.

MAINTENANCE

Battery Care

- Always use the original charger provided with the bike.
- Avoid exposing the battery to heavy rain or submerging it in water, despite its IPX5 waterproof rating for light rain.
- Store the battery in a cool, dry place when not in use.

Tire Maintenance

- Regularly check tire pressure to ensure optimal performance and safety.
- Inspect tires for wear and tear, especially the rubber, and replace as needed.

General Inspection

- Periodically check all bolts and fasteners for tightness.
- Ensure the brakes are functioning correctly.
- Inspect the plastic rear fender for any damage or looseness and tighten if necessary.
- Keep the bike clean and free of excessive dirt and debris.

TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, or if solutions do not resolve the issue, please contact customer support.

Display Not Turning On

- Ensure the battery is properly seated and locked.
- Check if the battery has sufficient charge.
- Verify all cable connections to the display are secure.
- If the issue persists, contact SINOHON customer support for assistance.

Reduced Range or Power

- Check battery charge level.
- Ensure tires are properly inflated.

- Riding habits and load can affect range; consider pedal assist for longer distances.

SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Model Name	EM200
Brand	SINOHON
Motor	500W Brushless Hub Motor
Battery	36V/10.4Ah (375Wh), Removable, UL2849 Certified
Charging Time	4-6 hours
Top Speed	20 MPH
Max Range	37+ Miles (varies by riding habits/load)
Number of Speeds	7
Wheel Size	26 Inches
Tire Size	26"x1.95" Puncture-Resistant
Frame Material	Carbon Steel
Suspension Type	Front
Brake Style	Dual Disc Brake
Item Weight	52.9 Pounds
Maximum Weight Recommendation	250 Pounds
Minimum User Height	5.4 Feet
Assembly Required	Yes
Waterproof Rating	IPX5 (for battery)

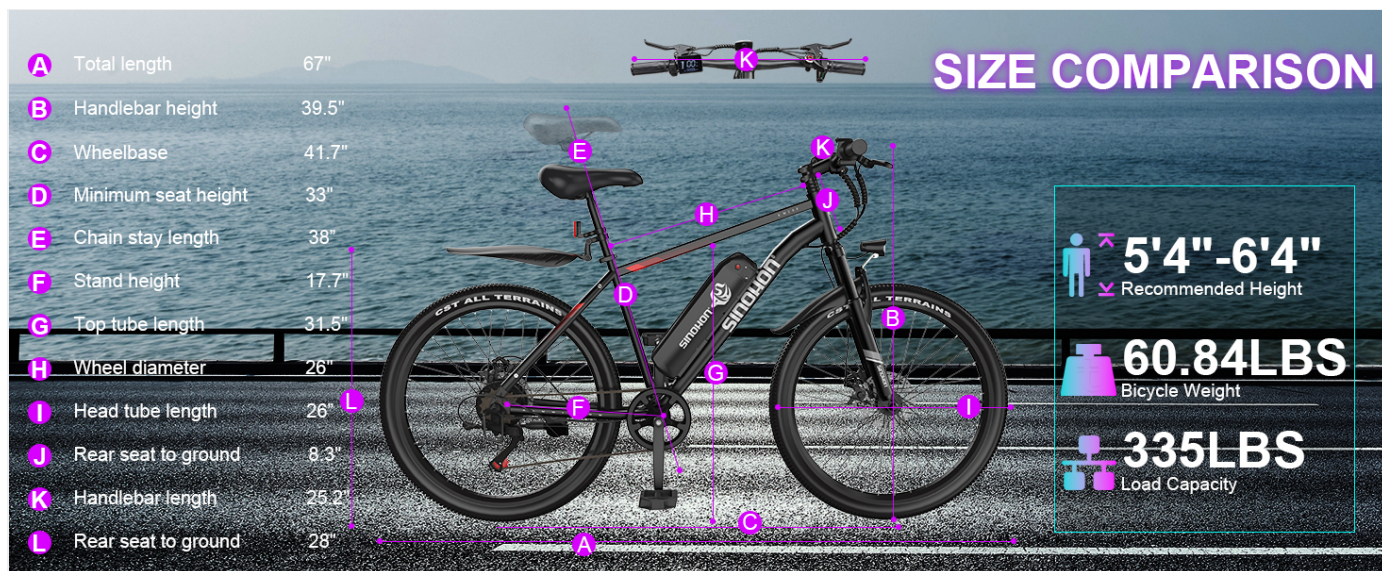


Image: Size comparison and key dimensions of the SINOHON EM200 Electric Bike.

WARRANTY INFORMATION

The SINOHON EM200 Electric Bike comes with a one-year warranty from the date of purchase. Specific main components may have a 6-12 month warranty. Please refer to your purchase documentation for full warranty terms and conditions.

CUSTOMER SUPPORT

For any questions, assistance, or warranty claims regarding your SINOHON e-bike, our dedicated customer service team is available year-round. We aim to respond to all inquiries within 24 business hours.

Please visit the official SINOHON website or contact your retailer for support contact details.

