TotGuard W-206-UL

TotGuard Electric Bike W-206-UL User Manual

Model: W-206-UL

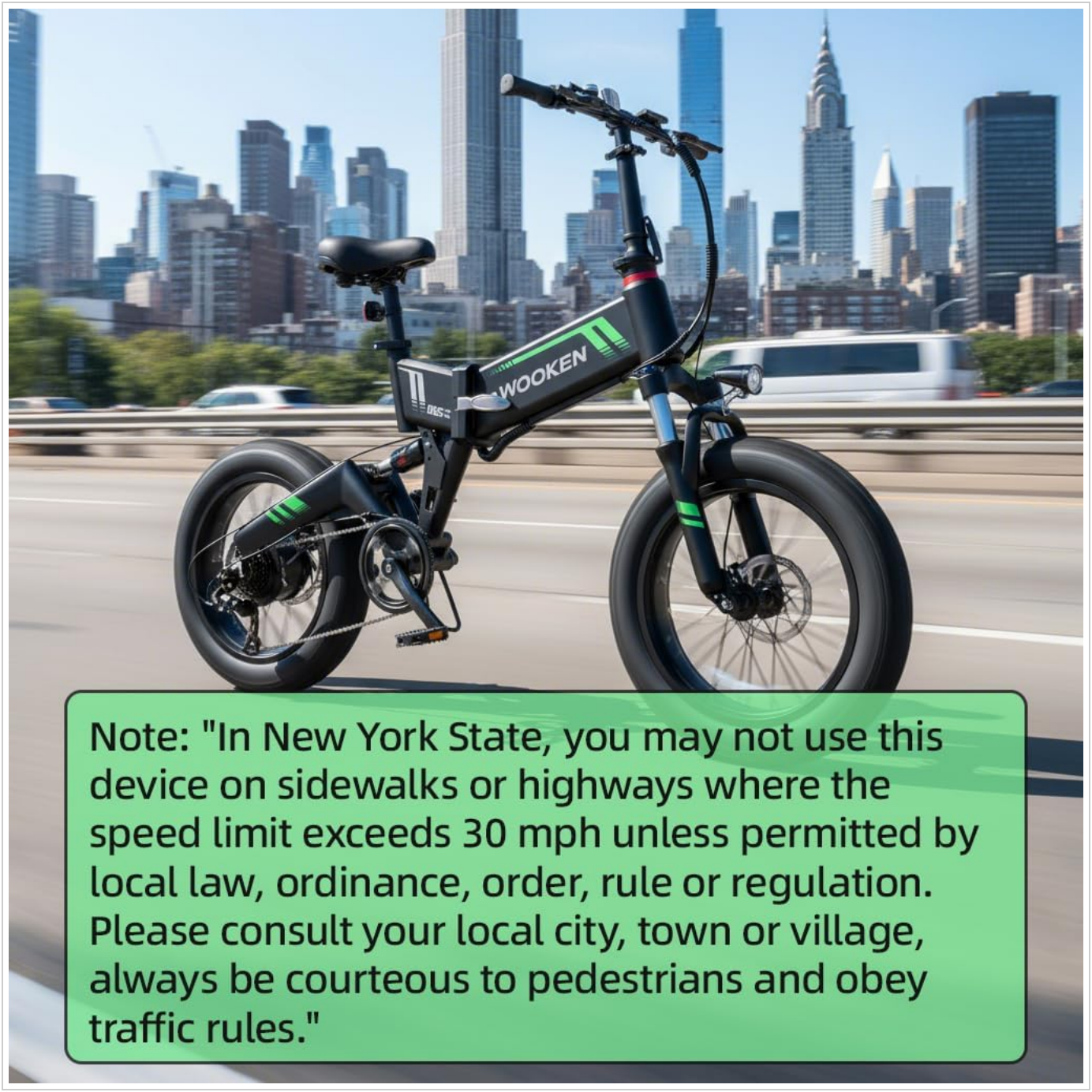
Introduction

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your TotGuard Electric Bike W-206-UL. Please read this manual thoroughly before your first ride and retain it for future reference. Understanding the features and proper use of your electric bike will ensure a safe and enjoyable experience.

Safety Guidelines

Always prioritize safety when operating your electric bike. Failure to follow safety instructions can result in serious injury or damage to the bike.

- Always wear a helmet that meets safety standards.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery, and all connections.
- Obey all local traffic laws and regulations.
- Ride defensively and be aware of your surroundings.
- Do not ride under the influence of alcohol or drugs.
- Adjust your speed to suit road conditions, weather, and your skill level.
- Ensure the battery is securely locked in place before riding.



Important Notice: Local regulations regarding electric bike usage vary. For example, in New York State, this device may not be used on sidewalks or highways where the speed limit exceeds 30 mph unless permitted by local law, ordinance, order, rule, or regulation. Always consult your local city, town, or village for specific rules, be courteous to pedestrians, and obey all traffic laws.

Product Overview

The TotGuard Electric Bike W-206-UL is a 20-inch foldable fat tire e-bike designed for adults. It features a powerful motor, a removable battery, and multiple riding modes to adapt to various terrains and preferences.

Key Features:

- **500W Brushless Hub Motor:** Provides assistance up to 19.8 MPH and handles inclines up to 15°.
- **48V 10Ah Removable Lithium-ion Battery:**Offers a range of 50-60 miles in pedal assist mode and can be charged on or off the bike.
- **Dual Shock Absorbers:** Enhances ride comfort by smoothing out bumps on various terrains.
- **Dual Disc Brakes:** Ensures responsive and reliable stopping power.
- **7-Speed Shimano Shifter:** Allows for versatile riding performance across different conditions.

- **20" x 4.0" Puncture-Resistant Fat Tires:** Provides stability and traction on diverse surfaces.
- **Foldable Design:** Aluminum alloy frame allows for compact storage and transport.
- **LCD Display:** Shows essential information such as battery level, speed, mileage, and power assist levels.



The TotGuard Electric Bike W-206-UL, a 20-inch foldable fat tire e-bike.



Detail of the powerful 500W hub motor, capable of 20 MPH top speed and 15° slope climbing.



The removable 48V 10Ah lithium-ion battery, offering 50-60 miles range and 5-6 hours charging time.



Key components including dual shock absorption, LCD display, 7-speed shifter, and fat tires.

What's in the Box

Upon unpacking, please ensure all the following components are present:

- TotGuard Electric Bike (main unit)
- Battery Charger
- User Manual (this document)
- Assembly Tool Kit

Assembly Instructions

Your electric bike comes 85% pre-assembled. Follow these steps to complete the assembly. For a visual guide, please refer to the assembly video provided below.

1. **Unpacking:** Carefully remove the bike and all components from the packaging.
2. **Handlebar Installation:** Attach the handlebar to the stem and secure it firmly.
3. **Front Wheel Installation:** Install the front wheel, ensuring the brake rotor is correctly aligned with the caliper.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. Install the right pedal by screwing it clockwise and the left pedal counter-clockwise. Use the provided tools to tighten them securely.
5. **Seat Post and Saddle:** Insert the seat post with the saddle into the frame and adjust to your preferred height. Secure with the quick-release lever.
6. **Battery Installation:** Insert the fully charged battery into its compartment and lock it with the key.
7. **Final Checks:** Before your first ride, double-check all bolts, quick releases, and connections for tightness. Ensure brakes are functioning correctly.

Video: Unboxing and Assembly Guide. This video demonstrates the step-by-step process of unboxing and assembling your TotGuard Electric Bike.

Folding and Unfolding

The TotGuard Electric Bike features a foldable frame for easy storage and transport. Always ensure the bike is powered off before folding or unfolding.



The foldable design allows for compact storage, with dimensions of 14.2 x 21.3 x 11.8 inches when folded.

Video: Folding the 20-inch Fat Tire Ebike. This video illustrates the folding mechanism for convenient portability.

Operating Instructions

Powering On/Off

- To power on the bike, ensure the battery is installed and locked. Press and hold the power button on the LCD display.
- To power off, press and hold the power button again until the display turns off.

LCD Display Guide

The LCD display provides real-time information about your ride and allows you to adjust settings.

Video: Battery and LCD Display Guide. This video explains how to use the LCD display and manage battery functions.

Riding Modes

Your TotGuard Electric Bike offers four riding modes:

- **Electric Bike Mode (Throttle):** Twist the throttle to engage motor power without pedaling.
- **Pedal Assist Mode:** The motor provides assistance as you pedal. Adjust assist levels (1-5) using the '+' and '-' buttons on the display.
- **Regular Bicycle Mode:** Ride the bike like a traditional bicycle without any motor assistance.
- **Booster Mode:** Provides a low-speed assist (approx. 3.73 MPH) for walking the bike uphill or alongside you.



Visual representation of the different riding modes available on the electric bike.

Gear Shifting

The bike is equipped with a 7-speed Shimano shifter. Use the shifter on the handlebar to change gears according to terrain and desired pedaling effort. Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding.

Braking

The bike features dual disc brakes for effective stopping. Apply both front and rear brakes simultaneously for balanced and controlled stopping. Avoid sudden, hard braking, especially with the front brake, to prevent loss of control.

Battery Usage and Charging

The 48V 10Ah lithium-ion battery is removable for convenient charging. A full charge typically takes 5-6 hours.

- **Charging:** Connect the charger to the battery charging port and then to a standard power outlet. The indicator light on the charger will show charging status.
- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery regularly. Charge the battery at least once every two months if not in use.
- **Removal:** Use the key to unlock the battery from the frame, then carefully slide it out.

Maintenance

Regular maintenance ensures the longevity and safe operation of your electric bike.

- **Tires:** Check tire pressure before each ride. Recommended pressure is typically indicated on the tire sidewall.
- **Brakes:** Regularly inspect brake pads for wear and ensure brake levers provide firm and responsive stopping power. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Battery:** Keep battery terminals clean and dry.

Troubleshooting

If you encounter issues with your electric bike, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not properly installed, power cable loose	Charge battery, ensure battery is fully inserted and locked, check all cable connections.
Motor not assisting	Pedal assist level too low, throttle not engaged, brake levers engaged, motor cable loose	Increase pedal assist level, ensure throttle is twisted, release brake levers, check motor cable connection.
Brakes feel weak	Worn brake pads, loose brake cable, air in hydraulic system (if applicable)	Inspect and replace brake pads, adjust brake cable tension, consult a professional bike mechanic.
Unusual noises	Loose components, dry chain, misaligned gears	Check all fasteners, lubricate chain, adjust gear derailleur.

If you cannot resolve an issue using the table above, please contact customer support.

Specifications

Below are the technical specifications for the TotGuard Electric Bike W-206-UL:

Feature	Detail
Model Number	W-206-UL
Bike Type	Electric Bike
Motor	500W Brushless Hub Motor
Top Speed	19.8 MPH
Max Slope	15°
Battery	48V 10Ah Lithium-ion (Removable)
Charging Time	5-6 hours
Range (Pedal Assist)	50-60 miles
Wheel Size	20 inches
Tires	20" x 4.0" Fat Tires
Gears	7-Speed Shimano
Brakes	Dual Disc Brakes
Suspension	Dual Suspension
Frame Material	Aluminum Alloy
Item Weight	62 lbs (28.1 kg)
Max Load Capacity	330 lbs (150 kg)
Recommended Rider Height	5'7" - 6'9" (170 cm - 206 cm)
Folded Dimensions	14.2" x 21.3" x 11.8" (36 cm x 54 cm x 30 cm)



Detailed size guide including recommended rider height, maximum load capacity, and e-bike weight.

Warranty and Support

TotGuard provides a 1-year warranty for bike parts and lifetime technical support for your electric bike.

- **Warranty Coverage:** 1-year free replacements for parts.
- **Technical Support:** Lifetime technical support is available.
- **Contacting Support:** If you have any problems with your e-bike, please refer to your order details or the store name to contact us. Provide relevant photos and videos to assist with troubleshooting. We aim to respond as soon as possible on business days.
- **Damaged E-bike:** In case of damage, contact us for replacement parts or consider local bike shop repairs, for which we may cover costs.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question