TotGuard 26" Ebike

TotGuard 26-inch Electric Bike User Manual

Model: 26" Ebike | Brand: TotGuard

1. Introduction

Thank you for choosing the TotGuard 26-inch Electric Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference. This electric bike is designed for adults and features a powerful 700W brushless motor, a removable 374.4WH battery, and 21-speed gears, offering a versatile riding experience for commuting, exercise, and mountain adventures.

2. Safety Information

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Ensure all components are correctly assembled and secured before each use. Regular maintenance is crucial for safe operation. This electric bike is SGS Certified to UL 2849 and UL 2271, ensuring it meets rigorous safety standards.



Image: SGS UL 2849 Certification for TotGuard Electric Bike. This image displays the quality assurance statement and a sample certificate of compliance, highlighting the product's adherence to UL 2849 safety standards. For authentication, scan the QR code or visit the official SGS website: SGS Certificate Link.

3. Package Contents

Upon unpacking, please verify that all items are present:

- TotGuard 26-inch Electric Bike (85% assembled)
- Charger
- User Manual
- Assembly Tools

4. Setup and Assembly

Your electric bike arrives 85% assembled. Follow these general steps for final assembly:

1. **Handlebar Installation:** Securely attach the handlebar to the stem. Ensure all bolts are tightened to prevent movement.
2. **Front Wheel Attachment:** Install the front wheel, ensuring the disc brake caliper is correctly aligned and the quick-release skewer is tightened.
3. **Pedal Installation:** Attach the pedals, noting that the left and right pedals are side-specific (usually marked L and R).
4. **Seat Post Adjustment:** Adjust the seat post height for a comfortable and safe riding position.
5. **Tire Inflation:** Inflate both tires to the recommended pressure indicated on the tire sidewall before your first ride.
6. **Battery Insertion:** Ensure the battery is securely inserted into the frame and locked with the key.

Your browser does not support the video tag.

Video: Detailed assembly guide for the TotGuard Electric Mountain Bike. This video provides visual instructions on how to assemble and prepare your electric bike for its first ride.

5. Components Overview

- **Peak 700W Brushless Motor:** Located in the rear wheel hub, providing powerful assistance up to 20mph.
- **374.4WH Removable Lithium-ion Battery:** Integrated into the frame, offering a range of 28-30 miles in pure electric mode and 50-60 miles in assisted mode.
- **3-Speed LCD Display:** Mounted on the handlebar, showing speed, battery level, assist mode, and odometer.
- **21-Speed Shimano Gears:** Allows for precise gear changes to adapt to various terrains and riding conditions.
- **Aluminum Lockable Front Suspension Fork:** Absorbs shocks for a smoother ride on uneven surfaces and can be locked for efficient pedaling on smooth roads.
- **LED Headlight:** Ensures visibility and safety during night rides.
- **Disc Brakes:** Front and rear mechanical disc brakes provide reliable stopping power.



Image: Close-up of the 700W brushless motor. This image highlights the powerful motor integrated into the rear wheel hub.



Image: The removable 374.4WH lithium-ion battery. This image shows the battery pack integrated into the bike's frame.



Image: The handlebar-mounted LCD display. This image illustrates the digital screen providing key riding data.



Image: Detail of the 21-speed gear system. This image shows the rear derailleur and cassette, part of the 21-speed setup.

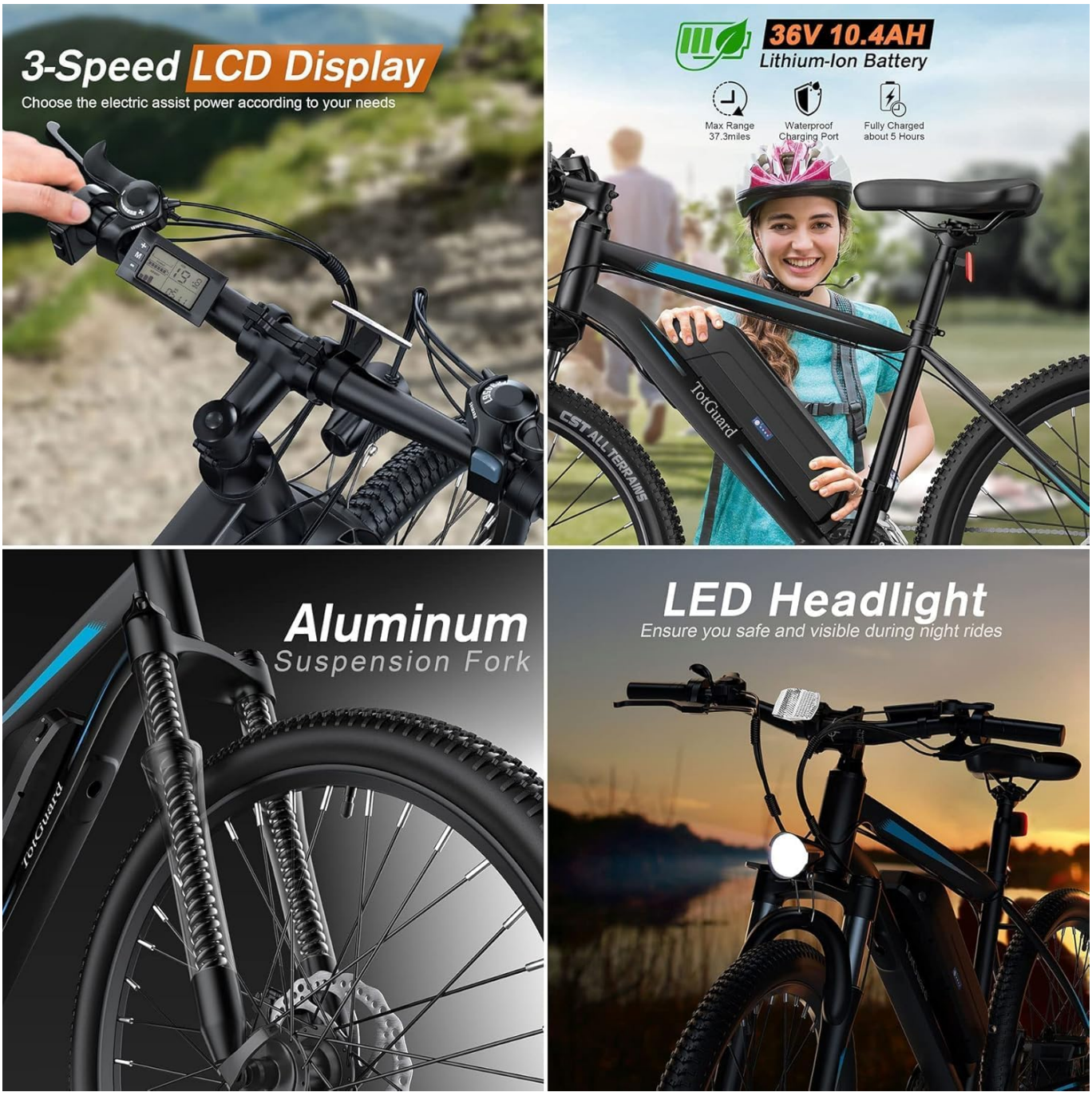


Image: Close-up of the aluminum lockable front suspension fork. This image demonstrates the suspension system designed for comfort and control.



Image: The integrated LED headlight. This image shows the front light for enhanced visibility.

6. Operating Instructions

6.1 Powering On/Off

To power on the ebike, first ensure the battery is unlocked and turned on (button on top of the battery). Then, press and hold the 'M' button on the handlebar display until the screen illuminates. To power off, press and hold the 'M' button again.

6.2 Riding Modes

The TotGuard electric bike offers 4 riding modes:

- **Ebike Mode:** Full electric power with throttle, no pedaling required.
- **Assisted Bicycle Mode:** Pedal assist mode provides motor support while you pedal, extending your range. Adjust assist levels (1-3) using the '+' and '-' buttons on the display.
- **Normal Bike Mode:** No electric assistance; functions as a traditional bicycle.

- **Walk Mode:** Provides low-speed assistance for walking the bike.



Image: Visual representation of the four riding modes. This image illustrates the different ways to operate the electric bike, from full electric to traditional pedaling.

6.3 Gear Shifting

Use the Shimano 21-speed shifters on the handlebars to change gears. The left shifter controls the front derailleur (3 speeds), and the right shifter controls the rear derailleur (7 speeds). Shift smoothly to match terrain and maintain an efficient pedaling cadence.

6.4 Lights and Horn

The LED headlight and horn are controlled by buttons on the left handlebar. Press the light button to turn the headlight on or off. Press the horn button to activate the horn for signaling.

6.5 Throttle Operation

The throttle is located on the right handlebar. Gently twist the throttle towards you to engage the motor in ebike mode. The speed

will be proportional to how much you twist the throttle.

6.6 Braking

The bike is equipped with front and rear disc brakes. The left lever controls the front brake, and the right lever controls the rear brake. Apply both brakes smoothly and evenly for effective stopping. Avoid sudden, hard braking, especially with the front brake, to prevent loss of control.

Your browser does not support the video tag.

Video: Overview of the TotGuard Electric Bike in use. This video demonstrates the bike's features and riding experience in various settings.

7. Battery Information

The 36V/10.4Ah removable lithium-ion battery is IPX5 waterproof. It takes approximately 5 hours to fully charge. To check the battery level, press the button on the battery pack itself. Remember to unplug the charger and turn on the button on the top of the battery when you want to start the ebike or check its level.

7.1 Charging

Connect the charger to the charging port on the battery (located on the frame) and then plug it into a standard wall outlet. The indicator light on the charger will show the charging status. Disconnect the charger once the battery is fully charged.

8. Maintenance

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

- **Tires:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- **Brakes:** Regularly inspect brake pads and rotors for wear. Adjust brake calipers if needed to ensure smooth wheel rotation and effective braking.
- **Chain:** Keep the chain clean and lubricated for smooth gear changes and to prevent rust.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases to ensure they are securely tightened.
- **Battery:** Store the battery in a cool, dry place and charge it regularly, even if not in use, to maintain its health.
- **Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

9. Troubleshooting

Problem	Possible Solution
Ebike does not power on.	Ensure the battery is fully charged, securely inserted, and the power button on the battery is turned on. Then, press and hold the 'M' button on the display.
Battery not charging.	Check charger connection to both the bike and the wall outlet. Ensure the outlet is functional. If issues persist, contact customer service.
Brakes feel spongy or ineffective.	Brake calipers may need adjustment. Refer to the assembly video or consult a professional bike mechanic.
Reduced riding range.	Battery may not be fully charged, or tire pressure might be low. Riding conditions (hills, heavy loads) can also affect range.
Bike damaged upon arrival.	Contact customer service immediately with relevant photos and videos for assistance.

10. Specifications

Feature	Specification
Bike Type	Electric Bike
Age Range	Adult
Motor	Peak 700W Brushless Motor
Top Speed	20 MPH
Battery	36V / 10.4Ah (374.4WH) Removable Lithium-ion (IPX5 waterproof)
Charging Time	Approx. 5 hours
Electric Mode Range	28-30 miles
Assisted Mode Range	50-60 miles
Gears	21 Speed (Shimano)
Frame Material	Aluminum Alloy
Wheel Size	26 Inches
Suspension Type	Front (Lockable)
Special Features	Disc Brakes, LCD-Display, LED Headlight
Max Load	300 lbs / 135 kg
Recommended Height	5.3-6.1 ft



Image: Detailed dimensions and weight specifications for the TotGuard Electric Bike. This image provides a visual guide to the bike's size and capacity.

11. Warranty and Support

TotGuard is committed to providing high-quality products and customer satisfaction.

- **Warranty:** We offer 1-year free replacements for parts.
- **Repairs:** If your ebike requires repair, you may visit a local bike shop, and we can cover the repairing costs.
- **Contacting Support:** If you have any problems or questions regarding your TotGuard electric bike, please feel free to reach out to us. Find your order or the store name, then send us relevant photos and videos. We will respond as soon as possible on business days.

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