

TESWAY Q3 Plus

TESWAY GOSEN Q3 Plus Electric Fat Tire Bike User Manual

Model: Q3 Plus

Brand: TESWAY

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your TESWAY GOSEN Q3 Plus Electric Fat Tire Bike. Please read this manual thoroughly before your first ride and retain it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and longevity of your electric bike.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet that meets local safety standards. Familiarize yourself with and obey all local traffic laws and regulations regarding electric bicycles. Perform a pre-ride inspection before each use.

2.1 General Safety Guidelines

- Always wear a certified helmet.
- Ensure all components are securely fastened before riding.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and other road users.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- Maintain a safe speed and braking distance.

2.2 Pre-Ride Checklist

- **Tires:** Check tire pressure and condition.
- **Brakes:** Verify front and rear brakes are functioning correctly.
- **Battery:** Ensure the battery is fully charged and securely installed.

- **Lights:** Confirm front and rear lights are operational.
- **Handlebars & Seat:** Check for proper adjustment and tightness.
- **Frame:** Inspect for any visible damage or cracks.

3. PRODUCT OVERVIEW

The TESWAY GOSEN Q3 Plus is a versatile electric fat tire bike designed for various terrains, featuring a powerful motor, long-range battery, and full suspension for a comfortable ride.



Image 3.1: The TESWAY GOSEN Q3 Plus Electric Fat Tire Bike in its standard configuration, showcasing its robust frame, fat tires, and integrated rear rack. A smaller inset image shows the bike in its folded state.

3.1 Key Features

- **750W Brushless Motor:** Provides strong power for various terrains.
- **48V 720Wh/624Wh Removable Battery:** Offers extended range up to 100KM (PAS mode).

- **Hydraulic Disc Brakes:** Enhanced stopping power and responsiveness.
- **20" x 4.0" Fat Tires:** Suitable for diverse surfaces including snow, sand, and city roads.
- **Full Suspension System:** Absorbs shocks for a smoother ride.
- **Foldable Aluminum Frame:** Facilitates easy storage and transport.
- **Color Smart LCD Display:** Provides real-time riding data.

Q3PLUS 4 HIGHLIGHTS



Hydraulic Disc Brakes

Responsive Braking
Low Maintenance Costs



Sturdy One-Piece Wheels

Aesthetics & Durability



Smart Color LCD Display

Clear Display
Real-Time Feedback



Ergonomic Design

Personalized Adjustment

Image 3.2: A rider on the GOSSEN Q3 Plus electric bike, highlighting key features such as hydraulic disc brakes, sturdy one-piece wheels, a

4. SETUP AND ASSEMBLY

The TESWAY GOSEN Q3 Plus electric bike arrives 85% pre-assembled. The remaining assembly steps typically include attaching the front wheel, handlebars, pedals, and seat post. A detailed video tutorial and the included instruction manual (physical copy) are available to guide you through the setup process.

4.1 Initial Assembly Steps

1. Carefully remove the bike and all components from the packaging.
2. Attach the front wheel, ensuring the quick-release skewer is properly secured.
3. Install the handlebars, aligning them correctly and tightening the stem bolts.
4. Screw in the pedals (note: left and right pedals are distinct).
5. Insert the seat post and adjust the seat height to your preference, then secure it.
6. Perform a thorough safety check as outlined in Section 2.2 before your first ride.

5. OPERATING INSTRUCTIONS

5.1 Battery Operation and Charging

The bike is equipped with a removable 48V 720Wh/624Wh lithium battery. The hidden design protects it from dust and moisture.

48v 15AH

Removable Lithium Battery

45-60Miles

Long Range

WATERPROOF
DUSTPROOF
Safety Protection

Image 5.1: Illustration of the 48V 15AH (720Wh) removable lithium battery integrated into the bike frame, emphasizing its waterproof and dustproof features for safety and extended range.

- **Charging:** Connect the charger to the battery charging port and then to a power outlet. The indicator light on the charger will show charging status.
- **Removal:** Use the key to unlock and remove the battery for off-bike charging or security.
- **Range:** Expect a range of 55-70KM in electric mode and 80-100KM in pedal-assist (PAS) mode, depending on terrain, rider weight, and assist level.

5.2 Motor and Power

The GOSEN Q3 Plus features a powerful 750W brushless motor, providing robust assistance for climbing and maintaining speed.

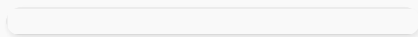


Image 5.2: Visual representation of the 750W brushless motor, illustrating its capability for climbing slopes up to 30 degrees, achieving a top speed of 25 MPH, and providing 70 N.m of torque.

- **Max Speed:** Up to 25 MPH (40 km/h), subject to local regulations.
- **Gradeability:** Capable of handling inclines up to 30 degrees.

5.3 Braking System

The bike is equipped with hydraulic disc brakes for reliable and responsive stopping power.

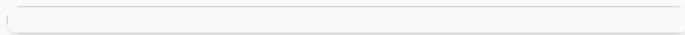


Image 5.3: A comparison illustrating the difference in braking performance between hydraulic disc brakes and mechanical disc brakes, highlighting the superior sensitivity and durability of hydraulic systems.

- **Hydraulic Disc Brakes:** Provide consistent and strong braking performance in various conditions.
- **Safety Feature:** The system is designed to cut power to the motor within 0.01 seconds of brake engagement.

5.4 Color Smart LCD Display

The upgraded color LCD display provides real-time information about your ride.

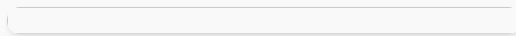


Image 5.4: The smart color LCD display mounted on the handlebars, showing real-time data such as battery level, current speed, pedal-assist (PAS) gear, and mileage. The display offers clear visibility day and night.

- **Information Displayed:** Real-time speed, battery level, PAS level, and mileage.
- **Operation:** Use the control buttons near the display to power on/off, change PAS levels, and cycle through information.

5.5 Riding Modes

The bike offers four distinct riding modes and five pedal-assist levels (PAS).

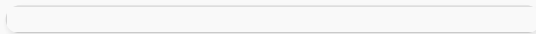


Image 5.5: An illustration detailing the four riding modes: Bicycle Mode (rider's power only), Pedal Assist Mode (combined pedaling and motor assist), Electric Mode (motor-driven, no pedaling required), and Walking Assist Mode (motor assists when pushing the bike).

- **Bicycle Mode:** No electric assistance; relies solely on rider's pedaling.
- **Pedal Assist Mode (PAS):** Motor provides assistance while you pedal. Choose from 5 levels of assistance.
- **Electric Mode:** The motor powers the bike without the need for pedaling.
- **Walking Assist Mode:** Provides low-speed motor assistance for pushing the bike.

5.6 7-Speed Gearshift

The precise 7-speed gearshift system allows you to adapt to various terrains and maintain an ideal pedaling cadence.

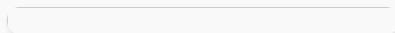


Image 5.6: A close-up view of the bike's rear derailleur and cassette, illustrating the precise 7-speed gearshift system designed to optimize pedaling efficiency and comfort across different terrains.

5.7 Full Suspension System

The dual suspension system, including a lockable front fork and rear suspension, enhances ride comfort and control.

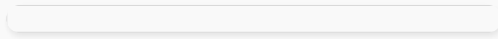


Image 5.7: An illustration of the full suspension system, highlighting the lockable front fork. This system is designed to absorb external shocks, reduce arm and hip fatigue, and provide a comfortable riding experience.

- **Lockable Front Fork:** Allows you to lock the suspension for more efficient pedaling on smooth surfaces or unlock it for rough terrain.
- **Benefits:** Reduces impact on wrists and spine, improving comfort and control.

5.8 Folding Mechanism

The foldable aluminum frame allows for convenient storage and transport.

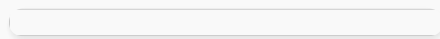


Image 5.8: The GOSEN Q3 Plus electric bike in its folded state, demonstrating its compact size for storage in places like an SUV trunk, office space, garage, or subway.

5.9 Lighting System

The bike is equipped with integrated front and rear lights for enhanced visibility and safety, especially during night rides.

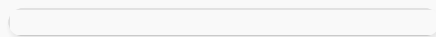


Image 5.9: A depiction of the bike's front headlight and rear taillight illuminated, emphasizing their high efficiency lumen output for improved night vision and riding safety.

6. MAINTENANCE

Regular maintenance is crucial for the performance, safety, and lifespan of your electric bike.

6.1 Cleaning

- Use a damp cloth to wipe down the frame and components. Avoid high-pressure washing directly on electrical parts.
- Clean the chain regularly and apply appropriate lubricant.

6.2 Tire Care

- Check tire pressure before each ride. Refer to the tire sidewall for recommended pressure.
- Inspect tires for wear, cuts, or embedded objects.

6.3 Brake System

- Regularly check brake pads for wear and replace them when necessary.
- Ensure brake levers are firm and responsive. If they feel spongy, the hydraulic system may need bleeding by a qualified technician.

6.4 Battery Care

- Charge the battery fully after each ride, or at least once a month if not in use.

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not fully discharge the battery frequently.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your electric bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or improperly installed; loose connections.	Charge battery, ensure it is securely seated, check all cable connections.
Motor not assisting	PAS level set to 0; brake levers engaged; motor cable disconnected.	Increase PAS level, release brake levers, check motor cable connection.
Brakes feel weak	Worn brake pads; air in hydraulic line; low brake fluid.	Inspect/replace brake pads, consult a bike technician for hydraulic system service.
Short battery range	Under-inflated tires; riding in high assist mode; heavy loads; cold weather.	Check tire pressure, use lower assist modes, reduce load, be aware of environmental factors.

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

8. SPECIFICATIONS

Detailed technical specifications for the TESWAY GOSEN Q3 Plus Electric Fat Tire Bike.

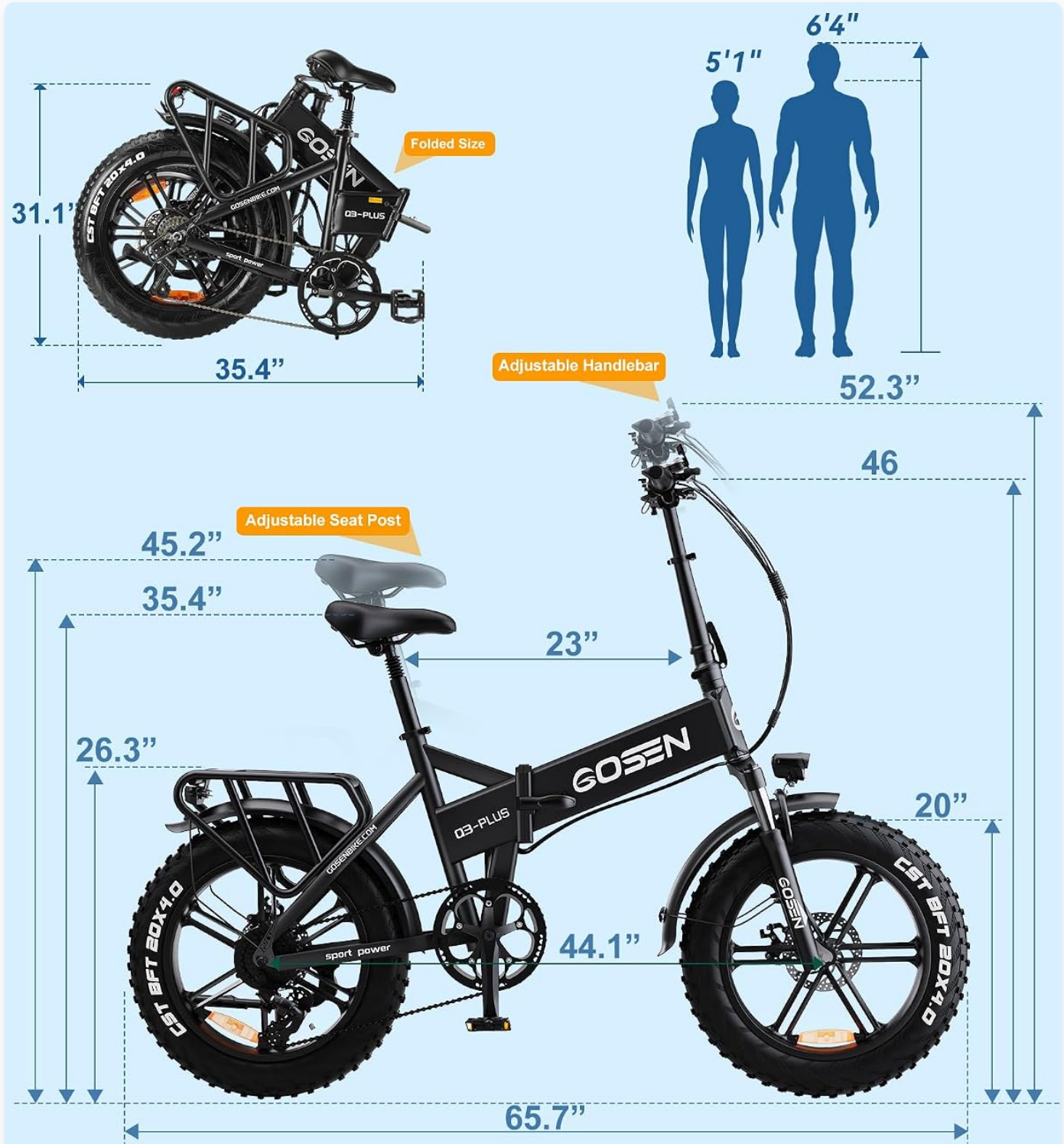


Image 8.1: Detailed diagram showing the dimensions of the GOSEN Q3 Plus electric bike in both unfolded and folded states, along with recommended rider height and maximum load capacity.

Feature	Specification
Brand	TESWAY
Model	Q3 Plus

Feature	Specification
Motor Power	750W
Battery	48V 720Wh/624Wh (15AH) Removable Lithium
Max Speed	25 MPH (40 km/h)
Range (Electric Mode)	55-70 KM (35-45 Miles)
Range (PAS Mode)	80-100 KM (50-60 Miles)
Brake Type	Hydraulic Disc Brakes
Tires	20" x 4.0" Fat Tires
Suspension	Dual (Front Lockable Fork, Rear)
Gears	7-Speed
Frame Material	Aluminum Alloy
Max Load Capacity	330 lbs (150 kg)
Net Weight	62.83 lbs (28.5 kg)
Recommended Height	5'1" - 6'4" (155 cm - 193 cm)
Included Components	Charger, Manual, Tool Kit, Kickstand

9. WARRANTY AND SUPPORT

TESWAY provides a one-year warranty for the GOSEN Q3 Plus electric bike, covering manufacturing defects. Additionally, 24-hour after-sales service is available to assist with any questions or concerns you may have.

9.1 Warranty Coverage

The warranty covers major components such as the frame, motor, and battery against defects in materials or workmanship under normal use. Consumable parts like tires, brake pads, and chains are typically not covered under warranty unless a manufacturing defect is present at the time of purchase.

9.2 Contacting Support

For warranty claims, technical assistance, or any other inquiries, please refer to the contact information provided in your purchase documentation or visit the official TESWAY website. When contacting support, please have your model number (Q3 Plus) and purchase date readily available.

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