Qlife Triker Plus

Qlife Triker Plus Electric Tricycle User Manual

Model: Triker Plus

1. Introduction and Safety Guidelines

This manual provides essential information for the safe assembly, operation, and maintenance of your Qlife Triker Plus Electric Tricycle. Please read it thoroughly before your first ride and retain it for future reference. Failure to follow these instructions may result in serious injury or damage to the product.

General Safety Warnings:

- Always wear a helmet that meets safety standards when riding.
- Familiarize yourself with local laws and regulations regarding electric bicycles and tricycles.
- Perform a pre-ride inspection before each use, checking brakes, tires, battery level, and all connections.
- Do not operate the tricycle under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions, such as heavy rain, snow, or ice, as the IP54 waterproof rating protects against splashes but not submersion.
- Ensure the battery is securely locked in place before riding.
- Do not exceed the maximum load capacity of 500 lbs (including rider and cargo).

2. Package Contents

Upon unpacking, please verify that all components listed below are present and undamaged. If any items are missing or damaged, contact customer support immediately.

- Qlife Triker Plus Electric Tricycle (main unit)
- Front Basket
- Rear Basket
- Tool Kit
- Battery Keys (4)
- Charger

- User Manual (this document)

3. Setup and Assembly

Your Qlife Triker Plus Electric Tricycle comes partially assembled. Follow these steps to complete the setup.

3.1 Unpacking and Initial Inspection

1. Carefully remove the tricycle and all components from the packaging. It is recommended to have two people for this step due to the weight.
2. Inspect the frame, wheels, and all parts for any signs of damage during transit.

3.2 Unfolding the Tricycle

The Qlife Triker Plus features a foldable frame for convenient storage and transport. To unfold:

- Locate the folding mechanism on the frame.
- Release the safety latch and carefully unfold the frame until it locks into place. Ensure the locking mechanism is fully engaged.
- Adjust the handlebars to the desired height and angle, then secure them firmly.



Figure 1: The Qlife Triker Plus in its folded configuration, demonstrating its compact size for storage or fitting into an SUV trunk or elevator.

3.3 Installing Baskets

1. Attach the front basket to the designated mounting points on the front of the tricycle using the provided hardware.
2. Secure the rear basket to the rear rack. Ensure both baskets are stable and properly fastened.



Figure 2: The Qlife Triker Plus with its front and rear baskets, illustrating the ample cargo storage for daily errands or leisure rides.

3.4 Seat Adjustment

The seat and backrest are adjustable for optimal comfort. Loosen the quick-release lever or bolt under the seat to adjust the height, position, and angle. Tighten securely once adjusted.



Figure 3: Detailed view of the extra-large cushioned seat and adjustable backrest, designed for adaptive comfort and support.

4. Operating Instructions

4.1 Battery Installation and Charging

The Qlife Triker Plus is equipped with a removable 48V 13Ah (624Wh) lithium battery. Ensure the battery is fully charged before your first ride.

- **Installation:** Insert the battery into its compartment on the frame and push firmly until it clicks into place. Use the key to lock it securely.
- **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 (usually red for charging, green for fully charged).
- **Removal:** Unlock the battery with the key and carefully slide it out.



Figure 4: The 624Wh removable battery, offering up to 65 miles of range and featuring a Battery Management System (BMS) for safety.

4.2 Powering On/Off and Display Functions

Press and hold the power button on the HD LCD display to turn the tricycle on or off. The display provides real-time information:

- **Speed Meter:** Current riding speed.
- **Battery Level:** Remaining battery charge.
- **Range:** Estimated remaining distance.
- **Pedal-Assist Level (PAS):** Current assist level (0-3).
- **Odometer (ODO):** Total distance traveled.
- **Trip:** Distance for the current ride.



Figure 5: The Smart LCD Display provides comprehensive ride information at a glance.

4.3 Riding Modes and Controls

The Qlife Triker Plus offers three riding modes:

- **Pedal-Assist Mode:** The motor provides assistance as you pedal. Adjust the assist level (PAS 1-3) using the control panel.
- **Full Electric Mode:** Use the twist grip throttle to engage the motor without pedaling.
- **Manual Mode:** Ride like a traditional tricycle without motor assistance.

The 1200W peak brushless motor provides smooth acceleration and a maximum speed of 20 MPH.



Figure 6: The powerful 1200W brushless motor delivers robust performance for various riding conditions.

4.4 Braking System

The tricycle is equipped with dual disc brakes for reliable stopping power. Always apply both brakes simultaneously for balanced and effective braking.

4.5 Differential Mechanism and Suspension

The rear differential system allows each rear wheel to rotate independently, enhancing stability and control during turns. The front hydraulic suspension and saddle shock absorber, combined with 20x4.0 inch fat tires, provide a smooth ride over various terrains.



Figure 7: The differential mechanism ensures stability and control, especially when turning.



Figure 8: 20x4.0 inch fat tires and full suspension provide comfort and capability across diverse terrains.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your Qlife Triker Plus Electric Tricycle.

5.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health. Avoid completely draining the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use only the original charger provided with the tricycle.

5.2 Tire Maintenance

- Check tire pressure before each ride. Maintain the recommended pressure as indicated on the tire sidewall.
- Inspect tires for wear, punctures, or damage. Replace worn tires promptly.

5.3 Brake System

- Regularly check brake levers for proper tension and responsiveness.
- Inspect brake pads for wear and replace them when necessary.
- Ensure brake cables are free from fraying or damage.

5.4 General Cleaning and Storage

- Clean the tricycle with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components.
- Store the tricycle in a dry, secure location. If storing for extended periods, ensure the battery is partially charged (around 50-70%).
- The tricycle has an IP54 waterproof rating, meaning it is protected against dust and splashing water from any direction. Avoid submerging the tricycle in water.

6. Troubleshooting

This section addresses common issues you might encounter with your Qlife Triker Plus Electric Tricycle.

Problem	Possible Cause	Solution
Tricycle does not power on.	Battery not charged or not properly installed.	Ensure battery is fully charged and securely locked in place. Check connections.
Motor not assisting or engaging.	Low battery, PAS level 0, or throttle issue.	Check battery level. Increase PAS level. Ensure throttle is not stuck.
Brakes feel weak or spongy.	Worn brake pads or loose cables.	Inspect brake pads and replace if worn. Adjust brake cable tension.
Unusual noises during operation.	Loose components or debris.	Inspect all bolts and connections. Check for foreign objects in wheels or drivetrain.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Qlife customer support.

7. Specifications

Key technical specifications for the Qlife Triker Plus Electric Tricycle:

Feature	Specification
Model Name	Qlife Triker Plus
Bike Type	Electric Tricycle
Motor	1200W Peak Brushless Hub Motor
Battery	48V 13Ah (624 Watt Hours) Removable Lithium Battery

Feature	Specification
Max Speed	20 MPH
Max Range	Up to 65 Miles (depending on conditions)
Wheel Size	20 Inches (20x4.0 Fat Tires)
Frame Material	Carbon Steel
Suspension Type	Dual (Front Hydraulic, Saddle Shock Absorber)
Brake Style	Dual Disc Brake
Max Load Capacity	500 lbs
Waterproof Rating	IP54
Special Features	Adjustable Handlebars, Adjustable Seat, Foldable Frame, Rear Differential System



Figure 9: Dimensions and key specifications of the Qlife Triker Plus Electric Tricycle.

8. Warranty and Support

8.1 Warranty Information

The Qlife Triker Plus Electric Tricycle comes with a**1-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage resulting from misuse, accidents, unauthorized modifications, normal wear and tear, or failure to follow the instructions in this manual.
Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Qlife Triker Plus Electric Tricycle, please contact Qlife customer support through the retailer where you purchased the product or visit the official Qlife website for contact information.
When contacting support, please have your model name (Triker Plus) and purchase details readily available.

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