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› [ENGWE](#) /

› [ENGWE T14 Folding Electric Bike User Manual](#)

ENGWE T14

ENGWE T14 Folding Electric Bike User Manual

Brand: ENGWE | Model: T14

1. INTRODUCTION

Welcome to the user manual for your new ENGWE T14 Folding Electric Bike. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your ebike. Please read it thoroughly before your first ride and keep it for future reference.



Figure 1: The ENGWE T14 Folding Electric Bike, showcasing its compact folded form and ready-to-ride configuration.

2. SETUP AND ASSEMBLY

Your ENGWE T14 electric bike comes partially assembled. Follow these steps to complete the setup:

- 1. Unboxing:** Carefully remove all components from the packaging. Ensure all included components such as the kickstand, mudguard, bell, and tool kit are present.
- 2. Unfolding the Bike:**
 - Locate the main frame hinge and release the safety latch.
 - Unfold the frame until it locks into place. Secure the safety latch.

- Adjust the handlebar stem to the upright position and secure its latch.
- Adjust the seat post height to a comfortable riding position and tighten the quick-release clamp.

3. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread them into the crank arms by hand, then tighten securely with the provided tool. Note that the left pedal threads counter-clockwise.

4. **Initial Battery Charge:** Before first use, fully charge the 48V 10Ah lithium battery. Connect the charger to the bike's charging port and then to a power outlet. The indicator light on the charger will change when fully charged.

Fast-charge Battery

High quality energy-reserve supporting your daily life
for weeks

48V 10Ah



Figure 2: The removable 48V 10Ah battery, designed for fast charging and extended range.

3. OPERATING YOUR EBIKE

The ENGWE T14 offers versatile riding experiences with its multiple modes and intuitive controls.

3.1 Riding Modes

- **Pure Electric Mode:** Engage the throttle for motor-only propulsion (0% - 99% power output). Ideal for effortless cruising.
- **Pedal Assist Mode (Auxiliary):** The motor provides assistance as you pedal (0% - 50% power). This mode extends range and reduces effort.
- **Fitness Riding Mode:** The motor is off, and you pedal the bike like a traditional bicycle.

3.2 Controls and Display

Familiarize yourself with the handlebar controls and the LCD display.

- **LCD Display:** Shows current battery level, speed, and riding mode. Monitor your battery to avoid range anxiety.
- **Throttle:** Located on the handlebar, controls the speed in pure electric mode.
- **Brake Levers:** Operate the front and rear disc brakes for effective stopping.
- **Headlight:** Activate the high-bright headlight for improved visibility during low-light conditions.
- **Bell:** Use the integrated bell to alert pedestrians and other riders.

SHOCKPROOF

Multiple bump absorbers grant you extraordinary smooth riding experience



Figure 3: The ENGWE T14 provides a comfortable riding experience, even on urban streets, thanks to its shock absorption system.



Figure 4: Key features of the ENGWE T14, including the LCD display for monitoring, adjustable saddle for comfort, and integrated lighting for safety.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your ENGWE T14 ebike.

- **Battery Care:**

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid completely draining the battery before recharging.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.

- **Tire Maintenance:**

- Regularly check the tire pressure of the 14" blast-proof vacuum rubber tires. Maintain recommended pressure for optimal performance and puncture resistance.
- Inspect tires for wear, cuts, or embedded objects.

- **Brake System:**

- Periodically check the brake pads for wear and replace them if necessary.
- Ensure brake levers provide firm and responsive braking. Adjust cable tension if needed.
- Clean disc rotors with a clean cloth and isopropyl alcohol to prevent squealing.

- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

- **Fastener Checks:** Periodically inspect all bolts, nuts, and quick-release mechanisms to ensure they are securely tightened. Pay particular attention to folding mechanisms and the controller housing under the seat.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your ENGWE T14 ebike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or improperly installed; loose electrical connection.	Ensure battery is fully charged and correctly seated. Check all visible electrical connections for looseness.
Motor not assisting	Pedal assist level too low; brake levers engaged; motor cable disconnected.	Increase pedal assist level on display. Ensure brake levers are fully released. Check motor cable connection.
Brakes squealing	Dirty brake rotors/pads; misaligned calipers.	Clean rotors and pads with isopropyl alcohol. Consult a bike mechanic for caliper alignment if needed.
Reduced range	Under-inflated tires; frequent use of pure electric mode; aging battery.	Check and inflate tires to recommended pressure. Utilize pedal assist mode more often. Battery degradation is normal over time.

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

6. SPECIFICATIONS

Detailed technical specifications for the ENGWE T14 Folding Electric Bike:

- **Model:** T14
- **Motor:** 350W Hub Motor (600W Peak)
- **Battery:** 48V 10Ah Removable Lithium Battery
- **Max Speed:** Up to 19.2 mph (31 km/h)

- **Range:** 22 miles (Electric Mode), 37.2 miles (Assisted Mode)
- **Wheel Size:** 14 Inches
- **Tires:** 14" Blast-proof Vacuum Rubber Tires
- **Frame Material:** Carbon Steel
- **Suspension:** Front Fork, Center, Saddle, Rear Wheel (Quadruple Shock Absorber System)
- **Brake Style:** Dual Disc Brake
- **Maximum Weight Recommendation:** 220.5 lbs (100 kg)
- **Included Components:** Kickstand, Mudguard, Bell, Tool Kit
- **Certifications:** UL 2849 Certified, GCC, GCC-CPSC-16CFR1512
- **Folded Dimensions:** Approximately 43.3 x 21.6 x 9.8 inches



Figure 5: The powerful 350W hub motor, providing efficient and reliable propulsion.

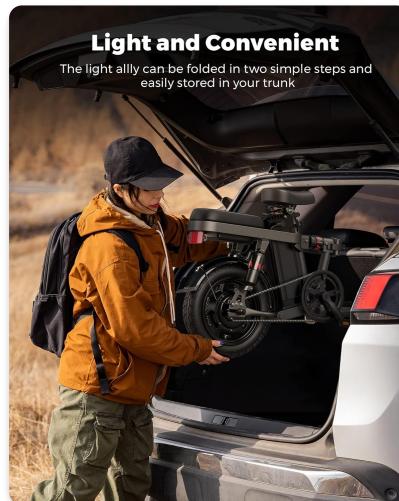


Figure 6: The bike's convenient folding mechanism allows for easy storage and transport.

Practical Ergonomic Design

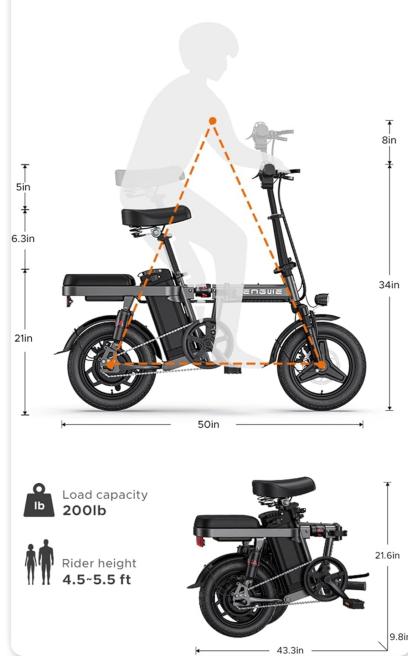


Figure 7: Ergonomic design and dimensions, indicating suitability for riders between 4.5-5.5 ft and a load capacity of 220.5 lbs.

7. WARRANTY AND SUPPORT

Your ENGWE T14 Folding Electric Bike comes with a limited warranty to cover manufacturing defects.

- **Warranty Period:** The product is covered by a 1-year limited warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
- **Exclusions:** The warranty does not cover damage resulting from misuse, neglect, accidents, unauthorized modifications, or normal wear and tear.
- **Customer Support:** For warranty claims, technical assistance, or any questions regarding your ENGWE T14, please contact ENGWE customer service through the retailer where you purchased the product or visit the official ENGWE website for contact information.

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Related Documents - T14

[ENGWE X26 Electric Bicycle User Manual - Assembly, Operation, and Maintenance Guide](#)

Detailed user manual for the ENGWE X26 electric bicycle. Covers essential safety guidelines, step-by-step assembly instructions, operating modes, battery care, maintenance tips, specifications, and troubleshooting for your e-bike.

	<p>ENGWE L20 Boost E-Bike User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the ENGWE L20 Boost electric bicycle, covering safety guidelines, product components, technical specifications, assembly instructions, display functions, battery care, charging, and warranty policy.</p>
	<p>Engwe Engine Pro 2.0 Folding Fat Tire E-bike User Manual</p> <p>Comprehensive user manual for the Engwe Engine Pro 2.0 folding fat tire electric bike, detailing specifications, safety, operation, and maintenance for this 52V, 16Ah, 75Nm torque e-bike.</p>
	<p>ENGWE EP-2 Boost Electric Bike Owner's Manual and Guide</p> <p>Comprehensive guide for the ENGWE EP-2 Boost electric bike, covering safety, installation, operation, maintenance, troubleshooting, and warranty information.</p>
	<p>Engwe X24 Electric Bike User Manual: Assembly, Operation, Maintenance, and Warranty</p> <p>Comprehensive user manual for the Engwe X24 electric bike, covering assembly instructions, display guide, riding tips, safety warnings, maintenance schedule, troubleshooting, and limited warranty information.</p>
	<p>ENGWE P20 Electric Bicycle Owner's Manual: Setup, Operation, and Maintenance</p> <p>Comprehensive owner's manual for the ENGWE P20 electric bicycle. Learn about setup, safety guidelines, component details, operation, maintenance, troubleshooting, and warranty information for your ENGWE P20 e-bike.</p>