

ENGWE EP-2 BOOST

ENGWE EP-2 Pro Electric Folding Bike User Manual

Model: EP-2 BOOST

INTRODUCTION

Thank you for choosing the ENGWE EP-2 Pro Electric Folding Bike. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet that meets safety standards.
- Obey all local traffic laws and regulations.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in adverse weather conditions, such as heavy rain or snow.
- Ensure the bike is properly folded and secured when transporting.

SETUP AND ASSEMBLY

Your ENGWE EP-2 Pro electric bike comes 85% pre-assembled. The following steps will guide you through the final assembly.

Included Tools:

- Tool Kit

Assembly Steps:

1. **Unfolding the Frame:** Carefully unfold the main frame of the bicycle until it locks into place. Secure the folding mechanism latch.
2. **Handlebar Installation:** Insert the handlebar stem into the fork tube and tighten the quick-release lever or bolts securely. Adjust the handlebar height to your comfort.
3. **Pedal Attachment:** Identify the left (L) and right (R) pedals. Thread the 'L' pedal counter-clockwise into the left crank arm and the 'R' pedal clockwise into the right crank arm. Tighten firmly with a wrench.
4. **Seat Post Adjustment:** Insert the seat post into the frame and adjust the height to ensure your feet can comfortably touch the ground when stopped. Secure with the quick-release lever.
5. **Tire Inflation:** Inflate the 20"x4.0" fat tires to the recommended pressure indicated on the tire sidewall.
6. **Brake Check:** Ensure both front and rear disc brakes are functioning correctly and the levers provide firm resistance.
7. **Battery Installation:** If the battery is not pre-installed, slide it into its compartment until it clicks securely. Ensure it is locked with the key if applicable.



The ENGWE EP-2 Pro Electric Folding Bike in its assembled state, showcasing its robust frame and fat tires.

OPERATING YOUR ENGWE EP-2 PRO

Battery and Charging:

The bike is equipped with a powerful 48V 13Ah removable battery, offering a maximum range of up to 120KM with pedal assist. To charge, connect the charger to the battery port and a power outlet. The indicator light on the charger will show charging status. Always use the original charger provided.

Batteria a lunga autonomia da **120km**



48V 13Ah

Capacità della batteria



120 KM

Gamma Pas



Portable

Batteria



Illustration of the long-range 48V 13Ah removable battery, capable of up to 120KM range.

Display and Controls:

The integrated LED color display provides real-time information including speed, battery level, and mileage. It helps you monitor your ride data effectively.

Information at a Glance

The integrated display shows speed, battery, and mileage in real time for a smarter, easier ride.



The advanced LCD display showing speed, battery level, and trip mileage, along with the 55Nm Power-Boost Button.

Riding Modes and Gears:

The EP-2 Pro offers three riding modes:

- **Pure Electric Mode:** Provides motor assistance without pedaling.
- **Pedal Assist Mode:** The motor provides assistance as you pedal, with varying levels of support.
- **Normal Bike Mode:** Ride like a traditional bicycle without any motor assistance.

The 7-speed transmission system allows you to easily shift gears to adapt to different terrains and riding conditions.

Power-Boost Button:

The bike features a 55Nm Power-Boost Button designed for increased comfort and riding pleasure, especially when accelerating or climbing hills. This button provides an instant surge of power.

Aumenta la potenza in salita





55Nm
Aumenta la coppia
Potenza in salita legale
per l'UE



Acceleratore a manubrio
Illegale per le strade dell'UE

Visual representation of the Power-Boost feature, highlighting the 55Nm torque for uphill assistance. Note: Throttle handlebars are illegal for EU roads.

Braking System:

Equipped with 180mm dual disc brakes, the EP-2 Pro provides responsive and sensitive stopping power for enhanced safety.

Terrain Adaptability:

With 20"x4.0" fat tires and dual suspension (front suspension), this e-bike is designed to handle various terrains, from paved roads to gravel paths and dirt tracks, ensuring a comfortable ride.

Il vostro partner affidabile per i trasporti

Equipaggiato per le esigenze delle cons **egne urbane.**



Freni a doppio
disco da 180 mm



Portapacchi
posteriore



Parafango

Capacità di
150kg



The ENGWE EP-2 Pro is built for all terrains, including asphalt, sand, gravel, and dirt roads, thanks to its 20x4.0 inch fat tires and front suspension.

Cargo Features:

The bike is equipped with a rear rack and mudguards, making it a reliable partner for urban commuting and carrying essentials, with a capacity of up to 150kg.

Your Reliable Cargo Partner

Equipped for the demands of Urban Delivery.



180mm Disc Brakes



Rear Rack



Mudguard

150kg
Capacity



The ENGWE EP-2 Pro is equipped with 180mm disc brakes, a rear rack, and mudguards, making it suitable for urban delivery with a 150kg capacity.

MAINTENANCE

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

- **Cleaning:** Regularly clean your bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure before each ride and inflate to the recommended PSI. Inspect tires for wear and tear.
- **Brakes:** Periodically check brake pads for wear and ensure brake levers are firm. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **Battery Care:** Store the battery in a cool, dry place. Charge it regularly, even if not in use, to maintain battery health. Avoid fully discharging the battery.
- **Fasteners:** Periodically check all bolts, nuts, and quick-release levers to ensure they are securely

tightened.

TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Bike not powering on	Battery not charged, battery not properly seated, power cable loose	Charge battery, ensure battery is fully inserted and locked, check all cable connections.
Motor not assisting	Low battery, incorrect riding mode, sensor issue	Check battery level, switch to pedal assist or pure electric mode, inspect sensor connections.
Brakes feel weak	Worn brake pads, loose cable, air in hydraulic system (if applicable)	Inspect and replace brake pads, tighten brake cable, consult a professional for hydraulic brake bleeding.
Gears not shifting smoothly	Dirty or unlubricated chain, misaligned derailleur	Clean and lubricate chain, adjust derailleur (refer to specific derailleur manual or professional).

SPECIFICATIONS

Feature	Detail
Model Number	EP-2 BOOST
Recommended Age	Adults
Bicycle Type	City Bike
Brake Type	Disc Brake
Color	Orange
Frame Material	Aluminum
Frame Dimensions	169*57*120cm
Number of Speeds	7
Power Source	Rechargeable Battery
Wattage	624 Watt-hours
Suspension Type	Front Suspension
Wheel Size	20 Inches

Feature	Detail
Special Features	Fat Tires, Dual Suspension, Powerful Electric System, Advanced LCD Display
Included Components	Tool Kit

WARRANTY AND SUPPORT



ENGWE provides reliable customer support for your EP-2 Pro electric bike.



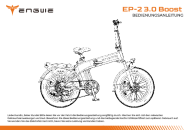
- Warranty:** We offer a one-year warranty on the motor, battery, and controller.
- Customer Service:** Our customer service team is available 24/7 to answer your questions and provide assistance.

For any inquiries or support, please refer to the contact information provided with your purchase or visit the official ENGWE website.

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Related Documents - EP-2 BOOST

	<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 X26 Electric Bicycle User Manual - Assembly, Operation, and Maintenance Guide</p> <p>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>
	<p>ENGWE EP-2 3.0 Boost Gebruikershandleiding</p> <p>Ontdek de ENGWE EP-2 3.0 Boost elektrische fiets met deze uitgebreide gebruikershandleiding. Leer over installatie, veiligheid, onderhoud, specificaties en probleemoplossing voor een optimale rijervaring.</p>

 <p>The cover of the Engwe X20 Electric Bike User Manual and Assembly Guide. It features the Engwe logo at the top right, a CE mark at the top left, and a small image of the bike in the center.</p>	<p>Engwe X20 Electric Bike User Manual and Assembly Guide</p> <p>Comprehensive guide for the Engwe X20 electric bike, covering assembly, display functions, riding tips, safety precautions, maintenance, troubleshooting, and warranty information.</p>
 <p>The cover of the ENGWE EP-2 PRO Electric Bike Owner's Manual - Specifications & Guide. It features the Engwe logo at the top left, the title 'ENGWE EP-2 PRO OWNERS MANUAL' at the top right, and a small image of the bike in the center.</p>	<p>ENGWE EP-2 PRO Electric Bike Owner's Manual - Specifications & Guide</p> <p>Comprehensive owner's manual for the ENGWE EP-2 PRO electric bike. Includes detailed information on specifications, battery, charging, warranty, and safety guidelines.</p>
 <p>The cover of the ENGWE EP-2 3.0 Boost Electric Bike User Manual and Installation Guide. It features the Engwe logo at the top left, the title 'EP-2 3.0 Boost' at the top right, and a small image of the bike in the center.</p>	<p>ENGWE EP-2 3.0 Boost Electric Bike User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the ENGWE EP-2 3.0 Boost electric bike, covering setup, operation, maintenance, troubleshooting, and specifications.</p>