

ENGWE ENGINE PRO 2.0 Electric Bike

ENGWE Engine Pro 2.0 Electric Bike User Manual

Model: ENGINE PRO 2.0 Electric Bike | Brand: ENGWE

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your ENGWE Engine Pro 2.0 Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference.

The ENGWE Engine Pro 2.0 is a folding fat tire electric bike designed for adults, featuring a powerful 1200W peak motor, 75N.m torque sensor, and a 52V 16AH battery for extended range. It is equipped with full suspension and hydraulic brakes, making it suitable for various terrains including urban roads, gravel, snow, and trails.



Image: The ENGWE Engine Pro 2.0 Electric Bike in black, showcasing its folding design and fat tires.

Product Overview Video

Your browser does not support the video tag.

Video: An overview of the ENGWE Engine Pro 2.0 ebike, highlighting its features and what is included with the product.

2. SETUP AND ASSEMBLY

Your ENGWE Engine Pro 2.0 Electric Bike requires some assembly upon arrival. The assembly process is designed to be straightforward. Please refer to the detailed assembly instructions provided in the separate quick start guide or included documentation for step-by-step procedures.

Initial Battery Charge

Before your first ride, ensure the battery is fully charged. Connect the charger to the bike's charging port and then to a power outlet. The indicator light on the charger will change to green when fully charged. This typically takes several hours.

Upgraded Battery

More Lasting Rides

832 Wh 16 Ah BATTERY

120% Longer

RANGE THAN OTHER E-BIKES



ENGWE Engine PRO 2.0

110 Km
ULTRA LONG RANGE

Others

60 Km

Image: Illustration of the 52V 16AH battery integrated into the ENGWE Engine Pro 2.0 frame, highlighting its long-lasting capacity.

3. OPERATING YOUR E-BIKE

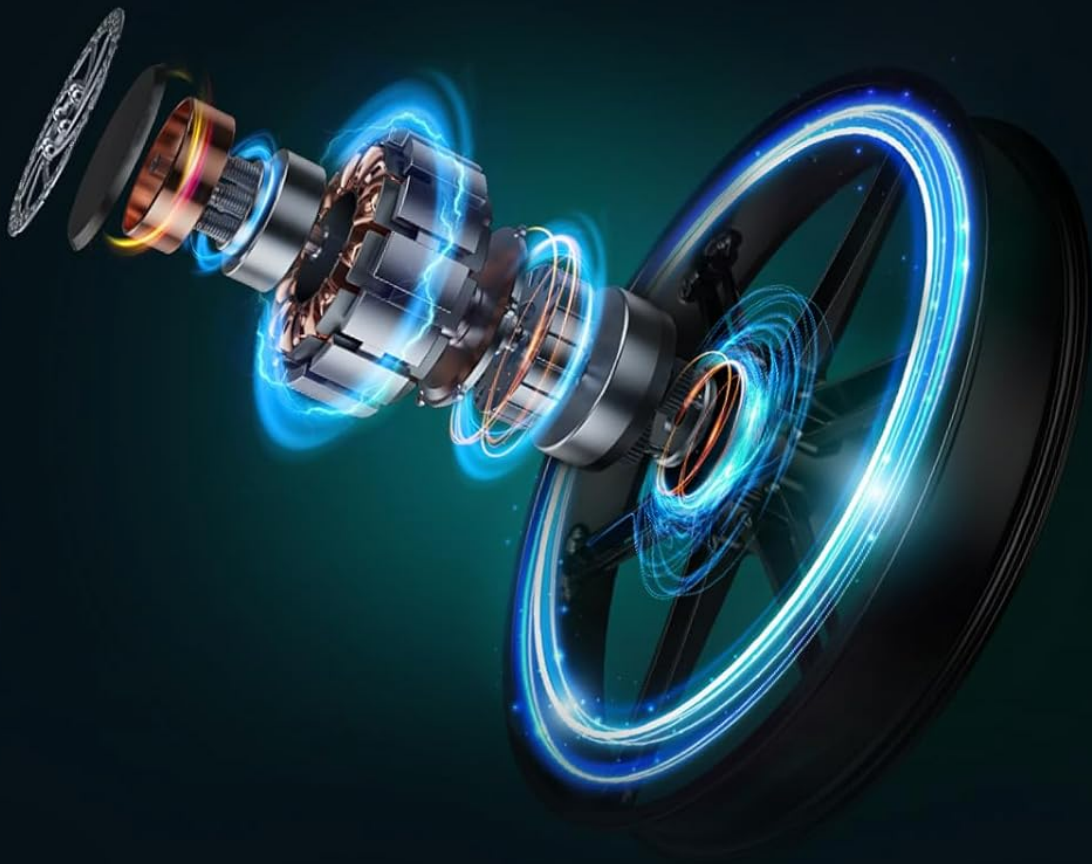
The Engine Pro 2.0 offers multiple riding modes and features for a versatile experience.

Power and Performance

Equipped with a 1200W peak motor and a 75N.m torque sensor, the bike provides smooth and responsive power delivery, allowing for speeds up to 28 MPH. The torque sensor ensures that power assistance is proportional to your pedaling effort.

Upgraded Power

The **75 Nm torque** brings outstanding hill-climbing capabilities, you could conquer any hills like flat roads. Get start to explore anywhere you want now!



Peak Power

ENGWE ENGINE PRO 2.0/75 Nm

Other E-bikes/50 Nm

50%
stronger

Image: Diagram illustrating the powerful 75 Nm torque motor of the ENGWE Engine Pro 2.0, indicating its enhanced climbing capabilities.

Display and Controls

The high-brightness LCD display provides real-time information such as speed, battery level, and riding mode. Controls for lighting, 8-speed shifting, and throttle are conveniently located on the handlebars.

High-Brightness LCD Display



Lighting Control



8 Speed Shifter



Thumb Throttle



Image: Close-up view of the high-brightness LCD display and handlebar controls, including lighting control, 8-speed shifter, and thumb throttle.

Adjusting Speed Units (KM to Mile)

Your browser does not support the video tag.

Video: Instructions on how to switch the speed display units from kilometers to miles on the ENGWE Engine Pro 2.0.

Speed Limit Operation (25km)

Your browser does not support the video tag.

Video: Guide on operating the speed limit function to 25km/h on the ENGWE EGP 2.0.

Throttle Activation and Deactivation

The throttle can be activated or deactivated via the display settings. Refer to the videos below for detailed steps.

Your browser does not support the video tag.

Video: Instructions on how to activate the throttle function on your ENGWE Engine Pro 2.0.

Your browser does not support the video tag.

Video: Guide on how to disable the throttle function via the display on the Engwe EGP 2.0.

Riding Comfort and Safety

The full suspension system reduces bumps by 87%, providing a comfortable ride across various terrains. Upgraded hydraulic brakes offer superior stopping power for enhanced safety.

Upgraded Full Suspension

Smoother & More Comfortable

87%

BUMPS REDUCED

All

TERRAINS AVAILABLE



Urban Flat Road



Steep Slope



Gravel Road



Light Off-road



Image: The ENGWE Engine Pro 2.0 showcasing its full suspension system, designed for smoother rides on urban roads, steep slopes, gravel, and light off-road terrains.

Upgraded Hydraulic Brake

Creating faster braking response time
and more speed gears for you



Image: A rider on the ENGWE Engine Pro 2.0 demonstrating the effectiveness of its upgraded hydraulic brakes on a challenging terrain.

Folding Mechanism

The bike features a convenient foldable design, allowing for easy storage and transport in approximately 10 seconds. This makes it ideal for travel and urban environments.

Smaller in Size Bigger Adventure

You can fit it in your RV or SUV,
ideal for short trips and camping.

10s
TO FOLD

20x4.0"
ALL TERRAIN FAT TIRES



Image: A person easily carrying the folded ENGWE Engine Pro 2.0, demonstrating its compact size for transport in vehicles like RVs or SUVs.

4. MAINTENANCE

Regular maintenance is crucial for the longevity and optimal performance of your e-bike. Always ensure the bike is powered off before performing any maintenance.

- **Cleaning:** Use a damp cloth to wipe down the frame and components. Avoid direct water spray on electrical parts.
- **Tires:** Check tire pressure regularly. The 4.0*20" fat tires are puncture-resistant but proper inflation is key for performance and safety.
- **Brakes:** Inspect hydraulic brakes for wear and proper function. Ensure brake levers provide firm and consistent stopping power.
- **Chain:** Keep the chain clean and lubricated for smooth gear changes.
- **Fasteners:** Periodically check all bolts and fasteners for tightness.

Display and Wiring Replacement

Your browser does not support the video tag.

Video: A guide on replacing the display and its extension wire on the Engwe EGP 2.0.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your ENGWE Engine Pro 2.0 Electric Bike.

| Problem | Possible Cause | Solution |
|----------------------------|--|--|
| Bike does not power on | Battery not charged or not connected; power button not pressed correctly. | Ensure battery is fully charged and securely connected. Press and hold the power button. |
| Motor not assisting | Pedal Assist System (PAS) level too low; throttle deactivated; sensor issue. | Increase PAS level. Check throttle activation settings on display. Inspect sensor connections. |
| Unusual noises during ride | Loose components; dry chain; brake rub. | Check all bolts and fasteners. Lubricate chain. Adjust brake calipers. |

Factory Reset Operation

Your browser does not support the video tag.

Video: Instructions on how to perform a factory reset on the Engine Pro 2.0.

6. SPECIFICATIONS

| Feature | Detail |
|-----------|--------------------------------|
| Bike Type | Folding Fat Tire Electric Bike |

| Feature | Detail |
|-------------------------------|--|
| Motor | 1200W Peak Power |
| Torque | 75N.m Torque Sensor |
| Battery | 52V 16AH (832 Wh) |
| Max Speed | Up to 28 MPH |
| Max Range | Up to 68 Miles (PAS mode) |
| Tires | 4.0 x 20" Fat Tires (Puncture-resistant) |
| Suspension | Dual (Full Suspension) |
| Brakes | Upgraded Hydraulic Disc Brakes |
| Gears | 8-Speed (Shimano) |
| Frame Material | Aluminum |
| Item Weight | 69.6 Pounds |
| Maximum Weight Recommendation | 330.6 Pounds |
| Minimum User Height | 5.4 Feet |
| Certifications | UL 2849 Certified/GCC/GCC-CPSC-16CFR1512 |

7. WARRANTY AND SUPPORT

Warranty Information


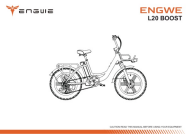
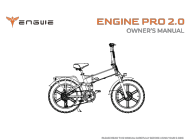
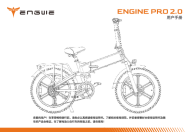

The ENGWE Engine Pro 2.0 Electric Bike comes with a 1-year manufacturer's limited warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

ENGWE is committed to providing seamless support. If you encounter any issues or have questions regarding your e-bike, please contact our customer service team. We aim to provide a prompt response and resolution within 24 hours to ensure your satisfaction.

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

Related Documents - ENGINE PRO 2.0 Electric Bike

| | |
|---|--|
|  | <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 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 E-bike User Manual Official Guide</p> <p>Comprehensive user manual for the ENGWE Engine Pro 2.0 electric bicycle (E-bike). Learn about features, specifications, safety, and operation for your ENGWE Engine Pro 2.0 folding e-bike with 1200W motor and 75NM torque.</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 Engine Pro 2.0 Electric Bike User Manual and Assembly Guide</p> <p>Comprehensive guide to assembling, operating, and maintaining the Engwe Engine Pro 2.0 electric bicycle. Includes detailed instructions, specifications, and troubleshooting tips.</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> |