

WERHY Y2/Y6PRO

WERHY Electric Bike Y2/Y6PRO User Manual

Model: Y2/Y6PRO

INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your WERHY Y2/Y6PRO Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference.

SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. Perform a pre-ride inspection before each use.

- Ensure tires are properly inflated.
- Check brake functionality (electronic and disc brakes).
- Verify all quick releases and fasteners are secure.
- Confirm lights are operational, especially for night riding.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.

PACKAGE CONTENTS

Upon unboxing, verify that all components are present:

- WERHY Y2/Y6PRO Electric Bike (main unit)
- Battery Charger
- User Manual (this document)
- Tools for assembly (if included)

If any items are missing or damaged, please contact WERHY customer support.

ASSEMBLY AND INITIAL SETUP

The WERHY Y2/Y6PRO Electric Bike comes largely pre-assembled. Final assembly typically involves unfolding the bike, securing the handlebars, and attaching pedals if not already installed. A full charge of the battery is recommended before the first ride.



Image: The WERHY Y2/Y6PRO Electric Bike in its fully unfolded state, ready for use.

- 1. Unfolding the Frame:** Carefully unfold the main frame of the bike until it locks into place. Ensure the locking mechanism is fully engaged.
- 2. Handlebar Installation/Adjustment:** Insert the handlebar stem into the head tube and tighten the quick-release lever or bolts securely. Adjust the handlebar height to a comfortable position.
- 3. Seat Post Adjustment:** Adjust the seat post height for comfortable pedaling, ensuring your leg has a slight bend at the bottom of the pedal stroke. Secure the quick-release lever.
- 4. Pedal Attachment (if applicable):** Identify left (L) and right (R) pedals. Thread them into the crank arms by hand, then tighten firmly with a wrench. Note that the left pedal is reverse-threaded.
- 5. Initial Battery Charge:** Connect the charger to the bike's charging port and then to a power outlet. Allow the battery to fully charge before the first ride. Refer to the 'Battery Information' section for details.

6. **Pre-Ride Inspection:** Before each ride, perform the safety checks listed in the 'Safety Information' section.

OPERATING INSTRUCTIONS

Your WERHY Y2/Y6PRO Electric Bike offers versatile riding options.

Riding Modes

The bike features three distinct riding modes:

- **Electric Mode:** Engages the motor fully, providing propulsion without pedaling. Use the throttle for speed control.
- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal, making riding easier, especially on inclines or for longer distances. The level of assistance can often be adjusted via the display.
- **Manual Mode:** Functions as a traditional bicycle, requiring pedal power only. The motor is disengaged.



Image: Visual representation of the three riding modes: Electric, Pedal Assist, and Manual.

LED Display

The integrated LED display provides crucial information during your ride:

- **Battery Life Indicator:** Shows the remaining battery charge.
- **Speed Display:** Indicates your current speed.
- **Riding Mode Indicator:** Displays the currently active riding mode.



Image: Close-up of the LED display on the handlebars, showing current riding status, battery level, and speed.

Braking System

The bike is equipped with a dual braking system for reliable stopping power:

- **Electronic Brake:** Engages when the brake levers are pulled, providing regenerative braking and additional stopping force.
- **Disc Brakes:** Mechanical disc brakes on the rear wheel offer strong and consistent braking performance in various conditions.



Image: Illustration of the dual braking system, highlighting the electronic brake lever and the rear disc brake caliper.

Lighting System

For enhanced visibility and safety, especially during night rides, the bike includes:

- **LED Headlight:** Provides illumination for the path ahead.
- **Taillight:** Increases your visibility to traffic from behind.

EFFICIENT, ECO-FRIENDLY, AND ENDLESSLY COMFORTABLE

Environmental enthusiasts

Commuters

Teens



Image: Close-up of the bright LED headlight, ensuring visibility during low-light conditions.

DUAL BRAKING SYSTEM & DUAL LIGHTING SYSTEM



Image: The rear taillight, designed to increase rider visibility from behind.

Folding Mechanism

The WERHY Y2/Y6PRO is designed for portability and easy storage. To fold the bike:

1. Ensure the bike is powered off.
2. Locate the main frame folding latch, typically near the center of the frame.
3. Disengage the latch and carefully fold the frame in half.
4. Lower the seat post and fold the handlebars down.
5. Secure any additional folding clamps or straps to keep the bike compact.

WERHY Y2/Y2PRO

Electric Bike for Adults
Turn every journey into
a pleasure



Image: A person demonstrating how to fold the electric bike and place it into a car trunk for transport.

BATTERY INFORMATION

The WERHY Y2/Y6PRO Electric Bike is powered by a high-capacity 48V battery, offering a significant range (up to 30-40 miles in pedal assist mode).

- **Detachable Design:** The battery can be easily removed for charging or secure storage.
- **Lockable:** A key mechanism secures the battery to the frame, preventing theft.
- **Charging:** Use only the provided charger. Connect the charger to the battery port, then to a standard wall outlet. The indicator light on the charger will show charging status (e.g., red for charging, green for fully charged).
- **Storage:** Store the battery in a cool, dry place. If storing for extended periods, maintain a charge level between 50-70% and recharge every 1-2 months.

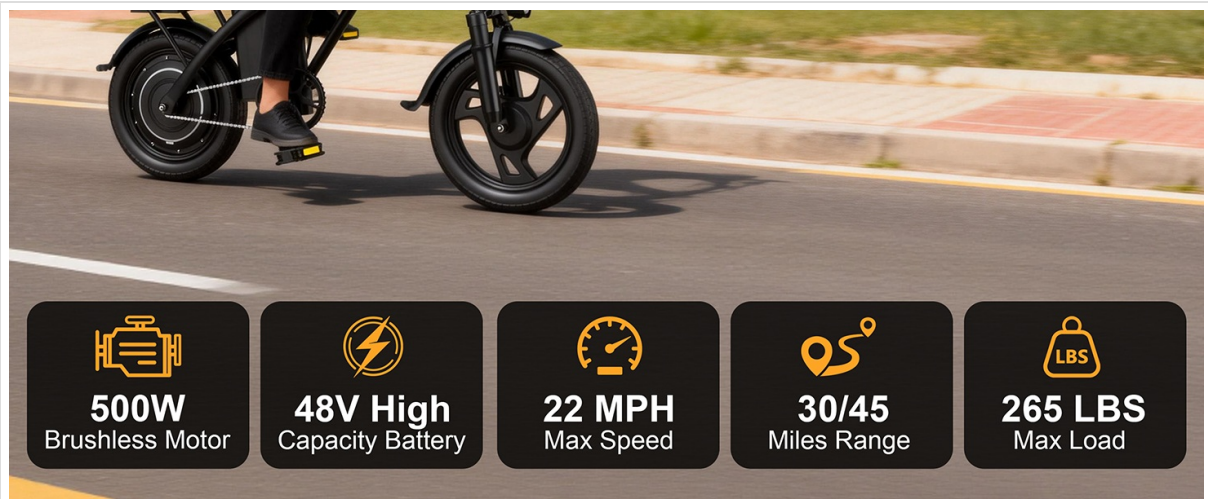


Image: Close-up view of the bike's high-capacity 48V battery, highlighting its detachable and lockable features.

MAINTENANCE

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

- **Cleaning:** Wipe down the frame with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Tires:** Check tire pressure regularly. The 14-inch pneumatic tires require proper inflation for optimal performance and comfort.

- **Brakes:** Inspect brake pads for wear and ensure brake levers operate smoothly. Adjust as needed.
- **Chain:** Keep the chain clean and lubricated.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.
- **Suspension:** The front suspension system should be kept clean.



Image: Detail of the front suspension and 14-inch pneumatic tires, which contribute to a smooth ride.

TROUBLESHOOTING

This section addresses common issues you might encounter with your WERHY Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery is not charged or not properly seated.	Ensure battery is fully charged and securely locked into place. Check power button.
Motor not assisting in Pedal Assist Mode.	PAS level set to zero, or sensor issue.	Check the display to ensure PAS level is not set to 0. Inspect pedal assist sensor for damage.
Brakes feel weak.	Worn brake pads or cable tension.	Inspect brake pads and replace if worn. Adjust brake cable tension.
Unusual noise during riding.	Loose components, chain issue, or kickstand interference.	Check all fasteners. Clean and lubricate the chain. Ensure kickstand is fully retracted and not hitting other parts.

SPECIFICATIONS

Key technical specifications for the WERHY Y2/Y6PRO Electric Bike:

Feature	Detail
Model Numbers	Y2/Y6PRO
Bike Type	Electric Bike
Motor	500W Brushless Motor

Feature	Detail
Max Speed	22 MPH
Battery	48V High Capacity
Max Range (Pedal Assist)	30-40 Miles
Tire Size	14 inch Pneumatic Tires
Max Load	265 LBS
Frame Material	Carbon Steel
Suspension Type	Front Dual Suspension
Brake Style	Rear Disc Brakes + Electronic Brake
Lighting	LED Headlight, Taillight
Special Features	Foldable Design, LED Display, 3 Riding Modes

WARRANTY AND SUPPORT

WERHY is committed to providing quality products and customer service.

- **Warranty:** The E-bike and its various parts are covered by a one-year warranty. The battery and motor have a 6-month warranty.
- **Customer Support:** For any questions, issues, or warranty claims, please contact WERHY customer support. Refer to your purchase documentation for contact details.