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SAMEBIKE C05PRO Folding Electric Bike User Manual

Model: C05PRO

1. INTRODUCTION

Thank you for choosing the SAMEBIKE C05PRO Folding Electric Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure proper use and to maximize the lifespan of your bike. The SAMEBIKE C05PRO is a versatile electric mountain bike designed for adults, featuring a powerful 750W motor, a 13AH/468 WH battery, 20-inch fat tires, and 7-speed gears. Its foldable design enhances portability and storage. This product is UL2849 certified, ensuring high safety standards.



Figure 1.1: The SAMEBIKE C05PRO Folding Electric Bike, showcasing its robust design and integrated accessories.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations. Regular maintenance checks are crucial for safe operation.

2.1 General Safety Guidelines

- Always perform a pre-ride inspection, checking brakes, tires, battery level, and all connections.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and anticipate potential hazards.
- Avoid riding in adverse weather conditions, such as heavy rain or snow, if possible.
- Ensure the battery is securely locked in place before riding.

2.2 Braking System

The C05PRO is equipped with $\Phi 160\text{MM}$ dual disc brakes for maximum stopping power. Familiarize yourself with the braking system and practice emergency stops in a safe area. Apply both brakes simultaneously for effective and controlled stopping.

2.3 Lighting System

The bike features a 2.5W LED front light (200 lumens) and a 1W rear light for enhanced visibility, especially during night riding. Always use lights when riding in low-light conditions or at night.

3. COMPONENTS OVERVIEW

Understanding the main components of your SAMEBIKE C05PRO will aid in its proper use and maintenance.

- **Frame:** Step-through U aluminum alloy frame, designed for easy mounting and dismounting.
- **Motor:** Peak 750W Brushless Geared Hub Motor, providing strong power for various terrains.



Figure 3.1: Detailed view of the 750W brushless motor, highlighting its power and torque capabilities.

- **Battery:** 13AH/468 WH removable ternary lithium battery, offering long range and easy replacement.



Figure 3.2: The 13AH removable battery, emphasizing its portability and waterproofing.

- **Display:** 3.5" LCD screen providing real-time information such as speed, range, and power level.



Figure 3.3: The 3.5-inch LCD display and handlebar controls, including the light/horn control, 7-speed shifter, and thumb throttle.

- **Gears:** 7-speed mechanical shifter (Shimano) for adapting to various riding conditions.

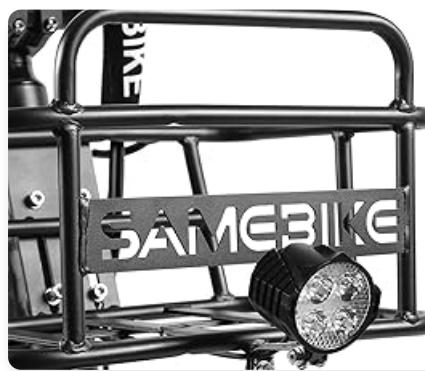


Figure 3.4: The 7-speed mechanical shifter, allowing for versatile gear changes.

- **Tires:** 20" x 4.0" fat tires, suitable for diverse terrains including sand, snow, road, and gravel.
- **Suspension:** 80MM stroke suspension fork with lock-out feature and seat shock absorption for a comfortable ride.

Suspension fork & Off-road fat tires



Figure 3.5: The suspension fork and fat tires, demonstrating their adaptability to various riding surfaces.

- **Saddle:** Comfort saddle with adjustable height.
- **Basket & Rack:** Front basket and rear rack for carrying personal items.



Figure 3.6: The front basket, featuring the integrated LED headlight for improved visibility.



Figure 3.7: The sturdy rear rack, equipped with a bright brake light for safety.

4. SETUP AND ASSEMBLY

The SAMEBIKE C05PRO requires some assembly upon arrival. Please follow these steps carefully.

4.1 Unpacking

1. Carefully remove the bike and all components from the packaging.
2. Inspect for any shipping damage. Contact customer support immediately if damage is found.
3. Remove all protective packaging materials.

4.2 Unfolding the Bike

The C05PRO features a convenient folding mechanism for transport and storage.

1. Locate the frame hinge latch and release it.
2. Carefully unfold the frame until it locks into place. Ensure the latch is securely fastened.
3. Unfold the handlebars and secure the stem latch.
4. Adjust the handlebar height to your preference and tighten the quick-release lever.

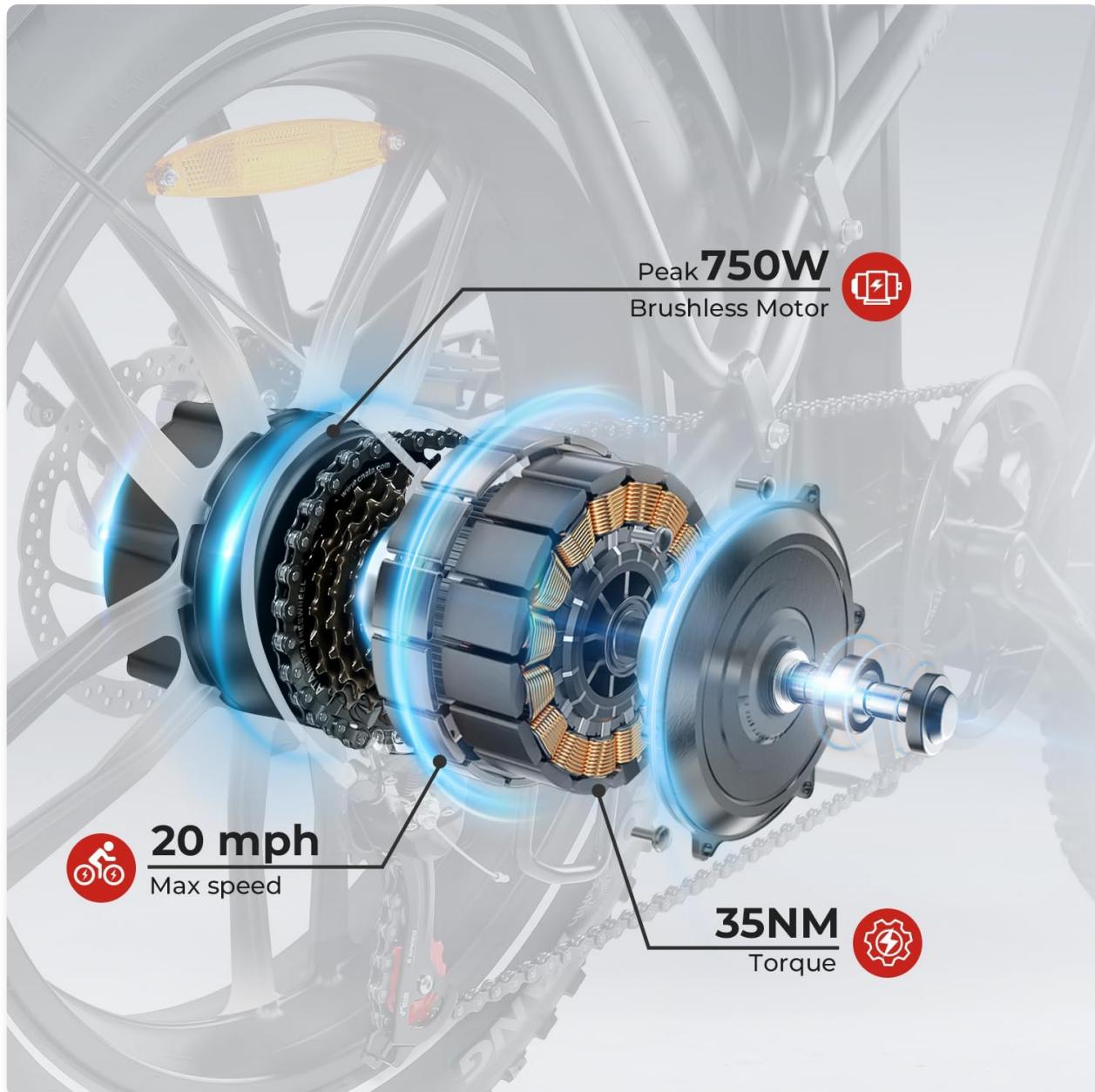


Figure 4.1: The SAMEBIKE C05PRO in its folded configuration, demonstrating its compact size for transport and storage.

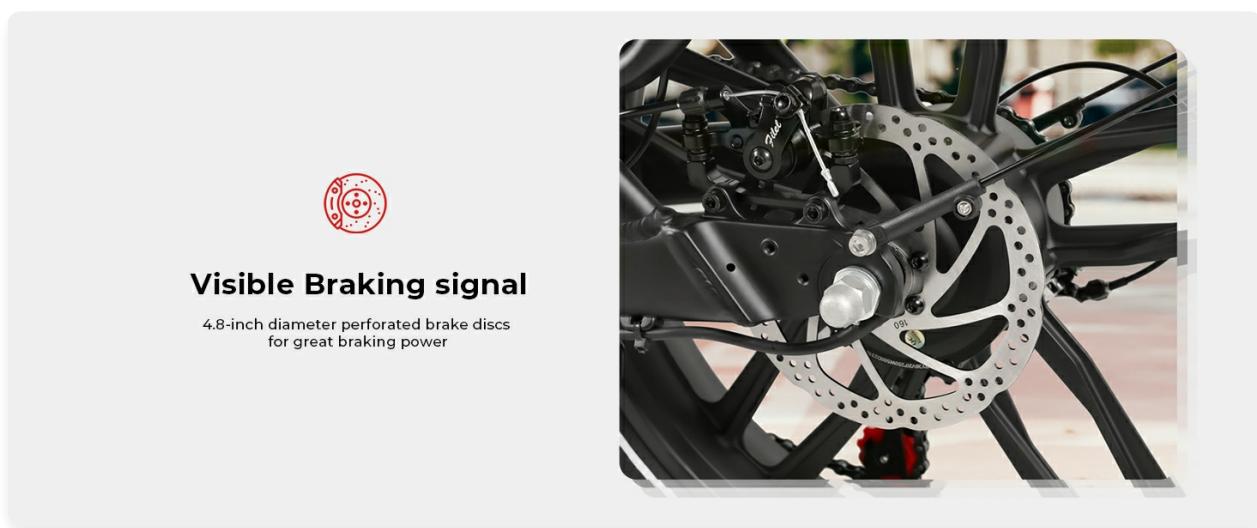


Figure 4.2: The folding capability allows for easy transport in vehicles like SUVs or storage in compact spaces.

4.3 Seat Adjustment

Adjust the saddle height to ensure a comfortable and efficient riding position. The adjustable height of the saddle design is suitable for riders between 5'25" and 6'89".

1. Open the quick-release lever on the seat post.
2. Adjust the seat height so that your leg has a slight bend at the knee when the pedal is at its lowest point.
3. Close the quick-release lever securely.

4.4 Pedal Installation

The pedals are typically marked 'L' for left and 'R' for right. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise.

1. Apply a small amount of grease to the pedal threads.
2. Carefully thread the pedals into the crank arms by hand to avoid cross-threading.
3. Use a wrench to fully tighten the pedals.

4.5 Pre-Ride Checks

- Ensure all quick-release levers and bolts are tightened.
- Check tire pressure (refer to tire sidewall for recommended PSI).
- Verify that both front and rear brakes are functioning correctly.
- Confirm the battery is fully charged and securely installed.

5. OPERATING INSTRUCTIONS

Learn how to operate your SAMEBIKE C05PRO electric bike effectively and safely.

5.1 Powering On/Off

1. To power on, press and hold the power button on the LCD display.
2. To power off, press and hold the power button again until the display turns off.

5.2 LCD Display Functions

The 3.5" LCD provides critical riding data:

- **Speed:** Current riding speed.
- **Range:** Estimated remaining range.
- **Battery Level:** Indicates current battery charge.
- **PAS Level:** Shows the current Pedal Assist System level.
- **Odometer/Trip:** Total distance ridden or current trip distance.

5.3 Riding Modes

The C05PRO offers multiple riding modes to suit your needs:

- **Pedal Assist System (PAS):** The motor provides assistance as you pedal. There are 5 levels of PAS, adjustable via the display controls. Higher levels provide more assistance. The bike can achieve up to 62 miles in PAS mode.
- **Pure Electric Mode:** Use the thumb throttle to propel the bike without pedaling. This mode offers a range of 28-31 miles.
- **Manual Mode:** Ride the bike like a traditional bicycle without any motor assistance.



Figure 5.1: The SAMEBIKE C05PRO offers both pure electric and pedal assist modes, providing flexible riding options and extended range.

5.4 Gear Shifting

The 7-speed mechanical shifter allows you to adjust your pedaling effort to match terrain and speed. Shift gears smoothly by easing off the pedals slightly while shifting.

5.5 Charging the Battery

The battery can be charged on or off the bike. Use only the provided charger.

1. Connect the charger to the battery charging port.
2. Plug the charger into a standard wall outlet.
3. The charger indicator light will show charging status (typically red for charging, green for fully charged).
4. Disconnect the charger once charging is complete.

6. MAINTENANCE

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

6.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid fully discharging the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not expose the battery to water or moisture.

6.2 Tire Maintenance

- Check tire pressure before each ride. Maintain pressure within the range indicated on the tire sidewall.
- Inspect tires for wear, cuts, or punctures regularly.

6.3 Brake System

- Regularly check brake pads for wear and replace them when necessary.

- Ensure brake levers are firm and responsive. Adjust brake cables if there is excessive slack.
- Keep brake rotors clean and free of oil or grease.

6.4 Chain and Drivetrain

- Keep the chain clean and lubricated to ensure smooth shifting and prevent rust.
- Inspect gears and derailleur for proper alignment and function.

6.5 General Cleaning

Clean your bike regularly with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components or bearings.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your SAMEBIKE C05PRO.

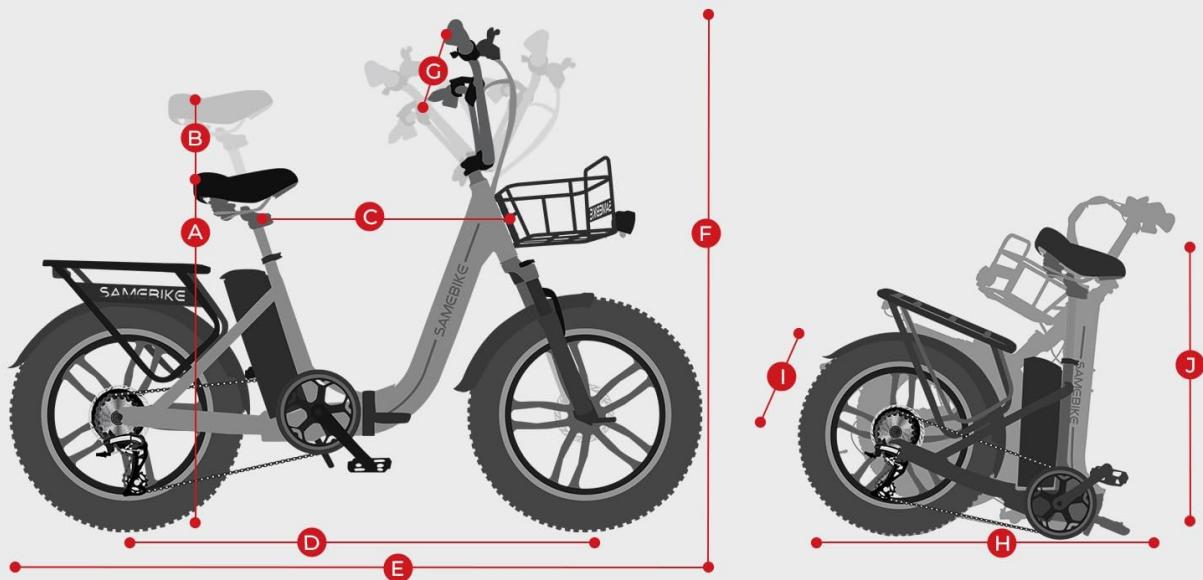
Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged or not properly installed.	Ensure battery is fully charged and securely seated. Check battery connection.
Motor not assisting.	PAS level set to 0; throttle not engaged; brake levers engaged; motor connection issue.	Increase PAS level on display. Ensure throttle is fully depressed. Release brake levers. Check motor cable connection.
Brakes feel weak or spongy.	Worn brake pads; loose brake cable; air in hydraulic system (if applicable).	Inspect and replace brake pads. Adjust brake cable tension. If hydraulic, seek professional service.
Gears are not shifting smoothly.	Dirty or unlubricated chain; misaligned derailleur; bent hanger.	Clean and lubricate chain. Adjust derailleur. If hanger is bent, seek professional service.
LCD display shows an error code.	Sensor malfunction; controller issue; motor issue.	Refer to the specific error code in a more detailed technical manual or contact customer support.

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

8. SPECIFICATIONS

Key technical specifications for the SAMEBIKE C05PRO Folding Electric Bike.

Feature	Specification
Bike Type	Electric Bike
Model Name	C05PRO
Age Range (Description)	Adult
Brand	SAMEBIKE
Number of Speeds	7
Color	Navy
Wheel Size	20 Inches
Frame Material	Aluminum
Suspension Type	Dual (Front Fork & Seat)
Special Features	Waterproof, Disc Brakes, Foldable, LCD-Display
Brake Style	Disc
Item Weight	31.5 Kilograms (69.4 lbs)
Motor Wattage	750 Watts (Peak)
Battery Energy Content	468 Watt Hours (13AH)
Max Speed	20 MPH
Max Load Capacity	330 LBS
Recommended Rider Height	5'25" - 6'89"
Assembly Required	Yes



- A. Min height 32.2 "
- B. Max height 38.1 "
- C. Top tube length 22 "
- D. Wheelbase 46.8 "
- E. Total length 69.2 "
- F. Min height 46.8 "
- G. Handlebar width 24.4 "
- H. Folding length 43.7 "
- I. Folding width 24.4 "
- J. Folding height 38.9 "

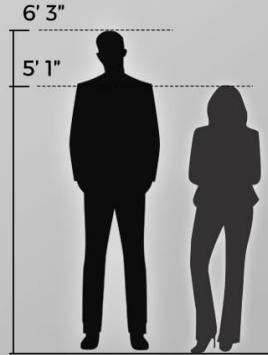


Figure 8.1: Detailed dimensions of the SAMEBIKE C05PRO, including minimum/maximum heights, wheelbase, and folded dimensions.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the official SAMEBIKE website or the warranty card included with your purchase. Keep your proof of purchase for warranty claims.

If you require technical assistance, have questions about your product, or need to order replacement parts, please contact SAMEBIKE customer support:

- **Website:** www.samebike.com (Please check the official website for the most current contact information)
- **Email:** support@samebike.com (Example, please verify official contact)
- **Phone:** (Example, please verify official contact)

Related Documents - c05pro

 <p>SAMEBIKE PRODUCT INSTRUCTION MANUAL LO26</p> <p>EN User Manual DE Benutzerhandbuch ES Manuale de usuario IT Manuale dell'utente FR Manuel utilisateur</p> <p>http://www.guangzhousamebike.com</p>	<p><u>SAMEBIKE LO26 Electric Folding Mountain Bike User Manual</u></p> <p>Comprehensive user manual for the SAMEBIKE LO26 electric folding mountain bike, covering product components, assembly, operation, charging, and warranty information.</p>
 <p>SAMEBIKE YY26</p>	<p><u>SAMEBIKE YY26 Electric Bicycle User Manual and Specifications</u></p> <p>Comprehensive user manual for the SAMEBIKE YY26 electric fat tire bicycle, covering specifications, assembly, maintenance, safety, warranty, and return policy.</p>
 <p>SAMEBIKE LOTDM 200</p>	<p><u>SAMEBIKE LOTDM 200 Electric Bike User Manual and Specifications</u></p> <p>Comprehensive guide to the SAMEBIKE LOTDM 200 electric bike, covering specifications, assembly, maintenance, safety, warranty, and return policy. Learn about battery management, motor care, and riding tips.</p>
 <p>SAMEBIKE PRODUCT INSTRUCTION MANUAL L026-II</p> <p>EN User Manual DE Benutzerhandbuch ES Manuale de usuario IT Manuale dell'utente FR Manuel utilisateur</p> <p>http://www.guangzhousamebike.com</p>	<p><u>SAMEBIKE L026-II Folding Electric Mountain Bike User Manual</u></p> <p>Comprehensive user manual for the SAMEBIKE L026-II folding electric mountain bike, covering assembly, operation, safety warnings, and component details. Learn how to use and maintain your electric bicycle.</p>
 <p>SAMEBIKE PRODUCT INSTRUCTION MANUAL L026-II</p> <p>EN User Manual DE Benutzerhandbuch ES Manuale de usuario IT Manuale dell'utente FR Manuel utilisateur</p> <p>http://www.guangzhousamebike.com</p>	<p><u>SAMEBIKE L026-II User Manual: Folding Electric Mountain Bike Instructions</u></p> <p>Official user manual for the SAMEBIKE L026-II folding electric mountain bicycle. Contains detailed instructions on assembly, product components, folding methods, charging, operation, button functions, safety warnings, and warranty policy from Guangzhou SameWay Electric Bicycle Co., Ltd.</p>



[SAMEBIKE C05 Pro User Manual: Assembly, Features, and Safety](#)

Comprehensive user manual for the SAMEBIKE C05 Pro electric bicycle, covering assembly instructions, product components, display functions, riding preparation, and warranty information. Learn how to safely operate and maintain your C05 Pro.