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SAMEBIKE C05 Pro

SAMEBIKE C05 Pro Electric Bicycle User Manual

Model: C05 Pro | Brand: SAMEBIKE

1. INTRODUCTION

Thank you for choosing the SAMEBIKE C05 Pro Electric Bicycle. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your e-bike. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience. Keep this manual for future reference.

2. SAFETY INSTRUCTIONS

Your safety is paramount. Always adhere to local traffic laws and regulations. Wear a helmet and appropriate safety gear. Perform pre-ride checks before each use.

General Safety

- Always wear a certified helmet and other protective gear (gloves, knee pads, etc.).
- Familiarize yourself with local e-bike regulations regarding speed, age, and usage areas.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and potential hazards, especially in traffic.
- Avoid riding in adverse weather conditions (heavy rain, snow, ice) or on slippery surfaces.

Battery Safety

- Use only the original charger provided with your e-bike.
- Do not expose the battery to extreme temperatures, direct sunlight, or fire.
- Do not immerse the battery in water.
- If the battery is damaged or leaking, do not use it and dispose of it properly.
- Charge the battery in a well-ventilated area, away from flammable materials.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all components are present and undamaged:

- SAMEBIKE C05 Pro Electric Bicycle (partially pre-assembled)

- 36V13Ah Removable Battery
- Battery Charger
- ED Carbon Steel Front Basket
- Bold ED Rear Rack
- Pedals
- Tool Kit (for assembly)
- User Manual

4. ASSEMBLY

The SAMEBIKE C05 Pro is approximately 90% pre-assembled. The following steps outline the final assembly process:

1. **Unpacking:** Carefully remove the bicycle and all components from the packaging. Retain packaging for potential future transport or storage.
2. **Handlebar Installation:** Attach the handlebars to the stem, ensuring they are centered and tightened securely. Adjust the angle for comfortable riding.
3. **Front Wheel Installation:** If detached, install the front wheel, ensuring the disc brake rotor is correctly seated in the caliper and the quick-release skewer or axle nuts are tightened securely.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal screws counter-clockwise, and the right pedal screws clockwise. Tighten firmly.
5. **Seat Post and Saddle:** Insert the seat post into the frame and adjust the saddle height to your preference. Ensure the quick-release clamp is securely fastened.
6. **Front Basket and Rear Rack:** Attach the front basket and rear rack using the provided hardware. Ensure they are stable and secure.
7. **Battery Insertion:** Insert the fully charged battery into its compartment on the frame. Ensure it clicks into place and is locked with the key.
8. **Pre-Ride Check:** Before your first ride, double-check all bolts, nuts, and quick releases for tightness. Verify brake function, tire pressure, and light operation.



Figure 4.1: Fully assembled SAMEBIKE C05 Pro Electric Bicycle.

5. COMPONENTS OVERVIEW

Understanding the key components of your SAMEBIKE C05 Pro will enhance your riding experience and assist with maintenance.

Motor

The C05 Pro is equipped with a 250W high-speed brushless motor, providing reliable power for various terrains and commuting needs. This motor offers efficient and quiet operation.

250W Powerful Motor

36v 250w powerful brushless motor



250
w
Rated Power



25°
Max gradient

Figure 5.1: Illustration of the 250W powerful brushless motor.

Battery

The e-bike features a 36V13Ah (468Wh) removable rechargeable lithium-ion battery. This large capacity battery supports a maximum range of 60-120KM depending on riding conditions and assist level. Its removable design allows for convenient charging both on and off the bike.

36V 13Ah Lithium-Ion Battery

Upgraded 468Wh Large Capacity Battery Supply Longer Riding



Removable battery

 **36V**
Related voltage

 **13Ah**
Large Capacity
Battery

 **4-6h**
Charging time

 **35-70km**
Range

Figure 5.2: The 36V 13Ah removable lithium-ion battery.

Intelligent Colorful LCD Display

A high-resolution color LCD display provides real-time information about your ride, including speed, mileage, battery level, and assist mode. It also features error warnings and headlight indicators.

Intelligent Colorful Display

Colorful LCD screen, larger screen, richer display information, real-time control of ebike status



Figure 5.3: Overview of the intelligent colorful LCD display and handlebar controls.

20*4.0 inch Fat Tires

The SAMEBIKE C05 Pro is equipped with 20x4.0 inch wear-resistant and puncture-proof fat tires. These tires are designed to adapt to various terrains, including flat roads, gravel roads, beach roads, and snow roads, providing enhanced stability and grip. They also feature reflective lines for improved night visibility.



20*4.0" FAT TIRES

Adapt To All Terrain

Tires with reflective lines for safer driving at night

• Flat Road

• Gravel Road

• Beach Road

• Snow Road



Figure 5.4: Close-up of the 20x4.0 inch fat tire, suitable for all terrains.

Mechanical Disc Brakes

The e-bike features front and rear dual mechanical disc brakes, providing fast and sensitive stopping power for safe riding in various conditions.

MECHANICAL DISC BRAKE

Get fast and sensitive brake



Figure 5.5: Detail of the mechanical disc brake system.

Shock Absorber System

Equipped with a shock-absorbing fork (ED titanium fork with lock), the C05 Pro provides a smoother ride by absorbing bumps and vibrations from uneven surfaces.

Lighting and Horn

The e-bike includes front and rear LED lights, a brake light, and a horn for enhanced visibility and safety during night riding.

Foldable Design

The C05 Pro features a foldable design, making it easy to store and transport. This feature allows the bike to fit into car trunks, saving space and offering convenience for travel.

Foldable design

Easy foldable, save space, can put inside the car, making it convenient to ride everywhere



Figure 5.6: The e-bike in its folded configuration, demonstrating space-saving.

6. OPERATING INSTRUCTIONS

Follow these steps to operate your SAMEBIKE C05 Pro Electric Bicycle safely and effectively.

Powering On/Off

- **To Power On:** Ensure the battery is securely inserted and locked. Press and hold the power button on the LCD display for a few seconds until the screen illuminates.
- **To Power Off:** Press and hold the power button on the LCD display until the screen turns off.

Using the LCD Display

The LCD display provides various functions and real-time data:

- **Speed:** Displays current riding speed.
- **Mileage:** Shows trip distance or total odometer reading.
- **Battery Level:** Indicates the remaining battery charge.
- **Assist Level (PAS):** Adjust the pedal assist level using the '+' and '-' buttons. Higher levels provide more motor assistance.
- **Headlight Control:** The display may have a button to turn the headlights on/off.
- **Error Warnings:** Displays codes for system malfunctions. Refer to the troubleshooting section for details.

Riding Modes

The C05 Pro combines three power modes:

- **Electric Mode:** Use the throttle (if equipped) for full electric power without pedaling.

- **Pedal Assist System (PAS) Mode:** The motor provides assistance as you pedal. Adjust the assist level for more or less power.
- **Human Power Mode:** Ride the bicycle like a traditional bike without any motor assistance.

Gear Shifting

The 7-speed gear system allows you to adjust your pedaling effort to suit different terrains and speeds. Use the shifter on the handlebar to change gears smoothly. Shift to a lower gear for climbing hills and a higher gear for flat terrain or downhill riding.

Braking

Apply both front and rear brakes simultaneously for effective and safe stopping. Avoid sudden, hard braking, especially at high speeds or on slippery surfaces.

7. BATTERY CHARGING AND CARE

Proper battery care is crucial for its longevity and performance.

Charging Procedure

- Ensure the e-bike is turned off before charging.
- You can charge the battery while it's on the bike or remove it for charging.
- Connect the charger to the battery's charging port.
- Plug the charger into a standard wall outlet.
- The charger indicator light will typically turn red during charging and green when fully charged.
- A full charge takes approximately 4-8 hours. Do not overcharge the battery.

Battery Care Tips

- Avoid completely draining the battery before recharging.
- If storing the bike for an extended period, charge the battery to about 50-70% and recharge every 1-2 months.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Clean the battery and charging port contacts regularly with a dry cloth.

8. MAINTENANCE

Regular maintenance ensures the safety, performance, and longevity of your e-bike.

Pre-Ride Checks

- **Tires:** Check tire pressure before each ride. Refer to the tire sidewall for recommended PSI.
- **Brakes:** Ensure both front and rear brakes are functioning correctly and that brake levers are not spongy.
- **Bolts and Fasteners:** Periodically check that all bolts, nuts, and quick releases are tightened securely.
- **Chain:** Inspect the chain for rust or damage. Lubricate regularly.
- **Lights:** Verify that front and rear lights are working.

Cleaning and Storage

- **Cleaning:** Use a damp cloth to wipe down the frame and components. Avoid using high-pressure water jets directly on electrical components.
- **Storage:** Store your e-bike in a dry, sheltered area, away from direct sunlight and extreme temperatures. If storing for extended periods, remove the battery and follow battery care tips.

9. TROUBLESHOOTING

This section addresses common issues you might encounter with your SAMEBIKE C05 Pro.

Problem	Possible Cause	Solution
E-bike does not power on	Battery not inserted correctly; Battery discharged; Power button not pressed long enough; Loose electrical connection.	Ensure battery is fully inserted and locked; Charge the battery; Press and hold power button for 3-5 seconds; Check all visible cable connections.
Motor not assisting	Battery low; Pedal Assist System (PAS) level set to 0; Brake levers engaged; Motor connection loose.	Charge the battery; Increase PAS level on display; Ensure brake levers are fully released; Check motor cable connection.
Battery not charging	Charger not plugged in; Faulty charger; Battery charging port dirty; Battery damaged.	Ensure charger is properly connected to outlet and battery; Try another outlet; Clean charging port; Contact support if battery is suspected to be damaged.
Brakes feel weak	Brake pads worn; Brake cable loose; Disc rotor dirty.	Inspect and replace brake pads if worn; Adjust brake cable tension; Clean disc rotor with rubbing alcohol.

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

10. SPECIFICATIONS

Detailed technical specifications for the SAMEBIKE C05 Pro Electric Bicycle:

Product Dimensions

A deeper understanding

Seat height (max): 970mm

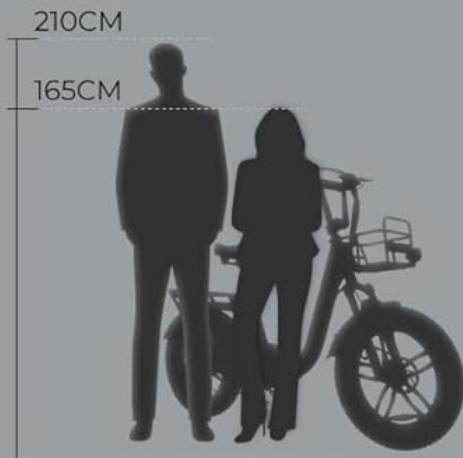
Seat height (min): 820mm





20 " LARGE-SIZED ELECTRIC BICYCLE

Suitable for most height users and meeting the cycling needs of family members



Recommend height
64.9"-82.6"



Bicycle weight
69.4LBS



Load capacity
MAX 330LBS

Figure 10.1: Product dimensions and recommended user height.

Feature	Specification
Model Number	C05
Bike Type	Electric Bicycle
Age Range (Description)	Adult
Color	Dark Blue
Wheel Size	20 Inches
Frame Material	Aluminum
Suspension Type	ED titanium fork with lock

Feature	Specification
Special Feature	Foldable
Included Components	ED carbon steel front basket + bold ED rear rack
Product Weight	31.48 kg (69.4 lbs)
Motor Power	250W Brushless Motor
Battery	36V13Ah (468Wh) Removable Lithium-Ion
Charging Time	4-8 hours
Maximum Range	60-120 KM (depending on conditions)
Recommended User Height	1.6 - 2.3 meters (64.9 - 82.6 inches)
Max Load Capacity	150 kg (330 lbs)

11. WARRANTY AND SUPPORT

SAMEBIKE stands behind the quality of its products. Your C05 Pro Electric Bicycle comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official SAMEBIKE website.

SAMEBIKE maintains a repair warehouse in Germany and ensures all necessary parts are available for service and repairs. For technical support, spare parts, or warranty claims, please contact SAMEBIKE customer service through their official channels or visit the [SAMEBIKE Brand Store on Amazon](#).