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› SAMEBIKE YINYU14 Electric Bike User Manual

SAMEBIKE YINYU14

SAMEBIKE YINYU14 Electric Bike User Manual

Model: YINYU14

1. INTRODUCTION AND OVERVIEW

Welcome to the user manual for your new SAMEBIKE YINYU14 Electric Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your e-bike. The YINYU14 is a compact and portable 14-inch folding electric bike designed for urban commuting, featuring a lightweight aluminum frame, a powerful 36V250W motor, and a 7.8AH removable lithium battery for a range of up to 60KM (PAS mode) and a top speed of 15.5MPH. It is equipped with mechanical disc brakes, anti-slip tires, and full LED lighting for enhanced safety and durability.



Figure 1.1: The SAMEBIKE YINYU14 Electric Bike in its unfolded state, showcasing its compact design and orange finish.



Figure 1.2: A user enjoying a ride on the SAMEBIKE YINYU14 Electric Bike along a scenic coastal path, highlighting its suitability for various environments.

2. SAFETY INFORMATION

Always prioritize safety when operating your electric bike. Read and understand all warnings and instructions before your first ride. Failure to do so may result in serious injury or property damage.

- Always wear a helmet that meets local 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 potential hazards, especially in traffic.
- Ensure all lights are functioning correctly, especially when riding at night or in low-light conditions.
- Do not exceed the maximum load capacity of 330 lbs (150 kg).

3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged. If any items are missing or damaged, contact customer support immediately.

- SAMEBIKE YINYU14 Electric Bike (partially assembled)
- Removable Lithium-Ion Battery
- Battery Charger
- Keys for Battery Lock
- User Manual
- Basic Tool Kit (for assembly)
- Pedals

4. SETUP AND ASSEMBLY

Your SAMEBIKE YINYU14 comes partially assembled. Follow these steps to complete the setup and prepare for your first ride.

4.1 Unfolding the Bike

1. Place the folded bike on a flat surface.
2. Release the frame folding latch, typically located in the middle of the main frame tube.
3. Carefully unfold the frame until it locks into place. Ensure the latch is securely fastened.
4. Unfold the handlebar stem and secure its locking mechanism.
5. Adjust the seat post to your desired height and secure the quick-release clamp.



Figure 4.1: Visual guide demonstrating the simple three-step folding process of the YINYU14 electric bike, illustrating its compact storage capability.

Product Dimensions

A deeper understanding



Figure 4.2: Detailed product dimensions of the SAMEBIKE YINYU14, showing measurements for total length, wheelbase, handlebar height, saddle height, and folded size, along with recommended rider height and load capacity.

4.2 Battery Installation and Charging

The 7.8AH lithium battery is removable for convenient charging. Ensure the battery is fully charged before your first ride.

- To install: Align the battery with the slot in the frame and slide it in until it clicks. Use the key to lock it in place.
- To remove: Unlock the battery with the key and slide it out.
- To charge: Connect the charger to the battery charging port (either on or off the bike) and then plug it into a standard wall outlet. The charging indicator light on the charger will change when fully charged (typically 4-6 hours).



Removable



25KM

Up to



Net weight 6.5 Lb



Waterproofing



Charging Time 4-6 Hours



Figure 4.3: A detailed view of the removable battery, highlighting its integration within the bike's frame, its net weight of 6.5 lbs, waterproofing, and a charging time of 4-6 hours.

5. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and functions of your SAMEBIKE YINYU14 before riding.

5.1 Powering On/Off and Display

To power on the bike, press and hold the power button on the LCD display. The display will illuminate, showing current speed, battery level, assist mode, and mileage.

Liquid Crystal Display



Figure 5.1: The Liquid Crystal Display (LCD) on the handlebar, showing indicators for electricity display, boost mode, speed display, and mileage display, along with icons for headlight, time, battery, and speed.



Figure 5.2: A comprehensive look at the handlebar controls, including turn signals, rear brake lever, headlight switch, and the LCD screen displaying power, PAS level, speed, mileage, and headlight status.

5.2 Riding Modes

The YINYU14 offers multiple riding modes:

- **Pedal Assist System (PAS):** Provides motor assistance as you pedal. Use the '+' and '-' buttons on the display to adjust the assist level.
- **Throttle Mode:** Engage the throttle on the handlebar for electric power without pedaling.
- **Manual Mode:** Ride the bike like a traditional bicycle without any electric assistance.



Figure 5.3: This image demonstrates the ease of operation, showing the rotary throttle handle and the clear LED display that indicates battery level and other riding information.

5.3 Braking System

The bike is equipped with mechanical disc brakes for reliable stopping power. Apply both front and rear brakes simultaneously for optimal braking performance.

Mechanical Disc Brakes

With 2 piston mechanical disc brakes, to get fast and effective brake



Figure 5.4: A detailed view of the mechanical disc brakes, highlighting the 2-piston system designed for fast and effective braking.



Figure 5.5: This image illustrates the steel wire dual braking system, featuring 160mm diameter perforated brake discs for strong and reliable stopping power.

5.4 Lighting System

The bike features full LED lighting, including front and rear indicators, and brake lights for visibility and safety.

Figure 5.6: The safety lighting system, showcasing the incredible LED headlight with a 250-lumen center beam and the integrated rear lights, ensuring visibility during rides.

6. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your electric bike.

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Store in a cool, dry place.
- **Tire Pressure:** Check tire pressure before each ride. The 14-inch tires are suitable for various road conditions. Maintain recommended pressure for optimal performance and safety.

Folds in three easy steps

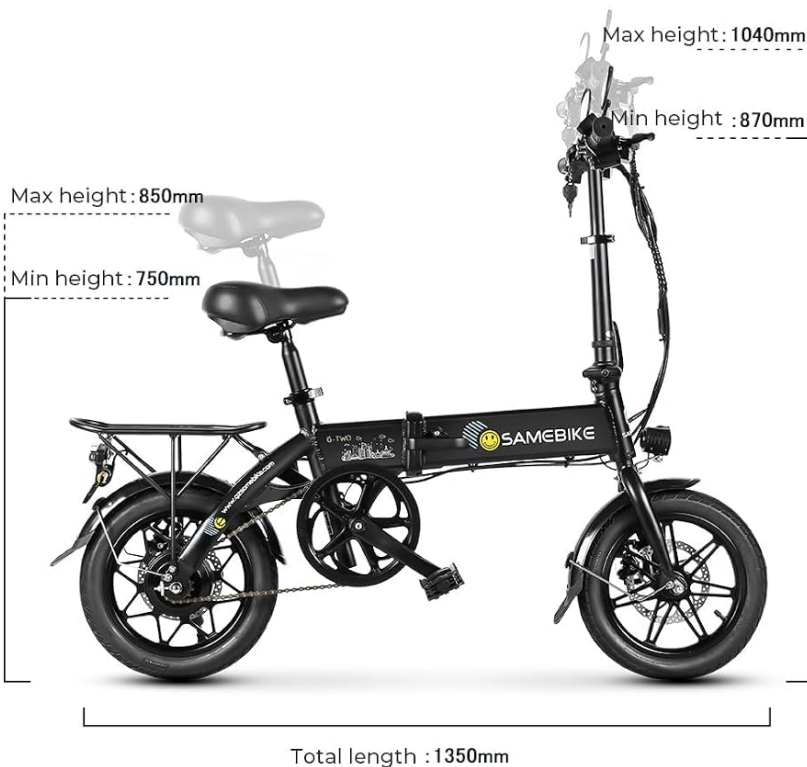


Figure 6.1: The 14-inch tire, designed for versatility across different terrains including sand, winding roads, and city streets, ensuring a smooth ride.

- **Brake Inspection:** Regularly inspect brake pads and discs for wear. Adjust or replace as needed.
- **Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Lubrication:** Lubricate the chain and other moving parts periodically.
- **Fasteners:** Check all bolts and fasteners regularly to ensure they are tight.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your SAMEBIKE YINYU14.

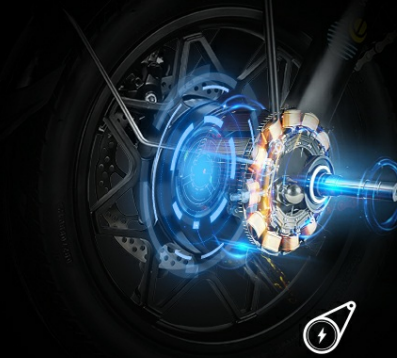
Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly installed; Power button not pressed correctly.	Ensure battery is fully charged and securely locked in place. Press and hold the power button firmly.
Motor not assisting	Low battery; PAS level set to 0; Loose motor cable connection.	Charge battery. Increase PAS level on display. Check motor cable connections.
Brakes feel weak	Worn brake pads; Loose brake cable; Air in hydraulic system (if applicable).	Inspect and replace brake pads if worn. Adjust brake cable tension. Consult a professional for hydraulic brake issues.
Unusual noises during ride	Loose components; Dry chain; Debris in wheel.	Check all bolts and fasteners. Lubricate chain. Inspect wheels for foreign objects.

8. SPECIFICATIONS

Key technical specifications for the SAMEBIKE YINYU14 Electric Bike:

- **Model:** YINYU14
- **Frame Material:** Lightweight 14" foldable aluminum frame, Carbon steel
- **Motor:** 36V250W High-Speed Brushless Gear Motor
- **Battery:** 36V7.8AH Removable Lithium Battery (288 Watt Hours)
- **Charging Time:** 4-6 Hours
- **Max Speed:** 15.5 MPH (25 km/h)
- **Range (PAS):** Up to 60 KM (approx. 25-30 miles)
- **Brakes:** Mechanical Disc Brakes (front and rear)
- **Tires:** 14" x 1.95" Anti-slip Tires
- **Max Load Capacity:** 330 lbs (150 kg)
- **Bike Weight:** 46.2 lbs (21 kg)
- **Lighting:** Full LED lighting (front/rear indicators, brake lights, wheel reflectors)
- **Display:** LCD Handlebar Display

250W HIGH-SPEED PLACELESS SILENT MOIETY



250W
POWERFUL MOTOR

24km/h
Max. speed

30+NM
Max. torque

25 degrees
Uphill angle

Figure 8.1: An illustration of the 250W high-speed placeless silent motor, highlighting its powerful performance, maximum speed of 24km/h, 30+NM max torque, and 25-degree uphill angle capability.

9. WARRANTY AND SUPPORT

Your SAMEBIKE YINYU14 Electric Bike comes with a manufacturer's warranty covering defects in materials and workmanship. Please refer to the warranty card included in your package for specific terms and conditions, including warranty period and coverage details.

For technical support, warranty claims, or spare parts, please contact SAMEBIKE customer service through the official website or your point of purchase. When contacting support, please have your model number (YINYU14) and purchase date ready.

Contact Information:

Website: www.samebike.com (Example link, please refer to actual product documentation for correct contact details.)

Email: support@samebike.com (Example email, please refer to actual product documentation for correct contact details.)

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details.](#)

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question