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› SAMEBIKE Electric Bike User Manual

SAMEBIKE RS-A01

SAMEBIKE Electric Bike User Manual

MODEL: RS-A01

Brand: SAMEBIKE

INTRODUCTION AND SAFETY GUIDELINES

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your SAMEBIKE Electric Bike. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your e-bike.

General Safety Precautions:

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with 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.
- Avoid riding in adverse weather conditions, such as heavy rain or snow.
- Ensure all components are securely fastened before riding.



Figure 1: Overview of the SAMEBIKE Electric Bike. This image displays the complete electric bicycle, highlighting its robust frame, fat tires, and integrated front basket and rear rack.

SETUP AND INITIAL ASSEMBLY

Your SAMEBIKE electric bike arrives 90% pre-assembled. The remaining assembly steps are straightforward and require minimal tools, which are typically included. Please follow these instructions carefully.

Assembly Steps:

1. **Handlebar Installation:** Secure the handlebar stem to the fork tube. Ensure the handlebars are centered and tightened firmly.
2. **Pedal Attachment:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Ensure they are fully threaded and tightened.
3. **Front Wheel Installation (if detached):** Insert the front wheel into the fork dropouts. Secure it with the quick-

release skewer or axle nuts, ensuring the wheel is properly aligned and the brakes do not rub.

4. **Seat Post and Saddle Adjustment:** Insert the seat post into the frame and adjust the saddle height for comfortable riding. Secure with the quick-release lever.
5. **Battery Installation:** Ensure the battery is securely seated in its compartment. Refer to the "Removable Battery" section for details.
6. **Pre-Ride Check:** Before your first ride, double-check all bolts, nuts, and quick releases for tightness. Verify brake functionality and tire pressure.

Initial Battery Charging:

Before your first ride, fully charge the battery. The 48V 14Ah lithium battery typically takes 4-6 hours for a full charge. Use only the provided charger.

- Connect the charger to the battery charging port.
- Plug the charger into a standard wall outlet.
- The charger indicator light will change (e.g., red to green) when charging is complete.
- The battery is IP54 waterproof, but avoid submerging it in water.

Product Overall Component Name Diagram

Get to Know Your Bike Better



Figure 2: Product Overall Component Name Diagram. This diagram labels key parts of the electric bike, including the brake handle, gear derailleur, meter, headlight, suspension fork, disc brake, tire, alloy chain wheel, motor, derailleur system, reflector, suspension saddle, and pedal.

REMOVABLE BATTERY

REMOVABLE BATTERY DESIGN, TWO CHARGING METHODS ARE MORE COMFORTABLE

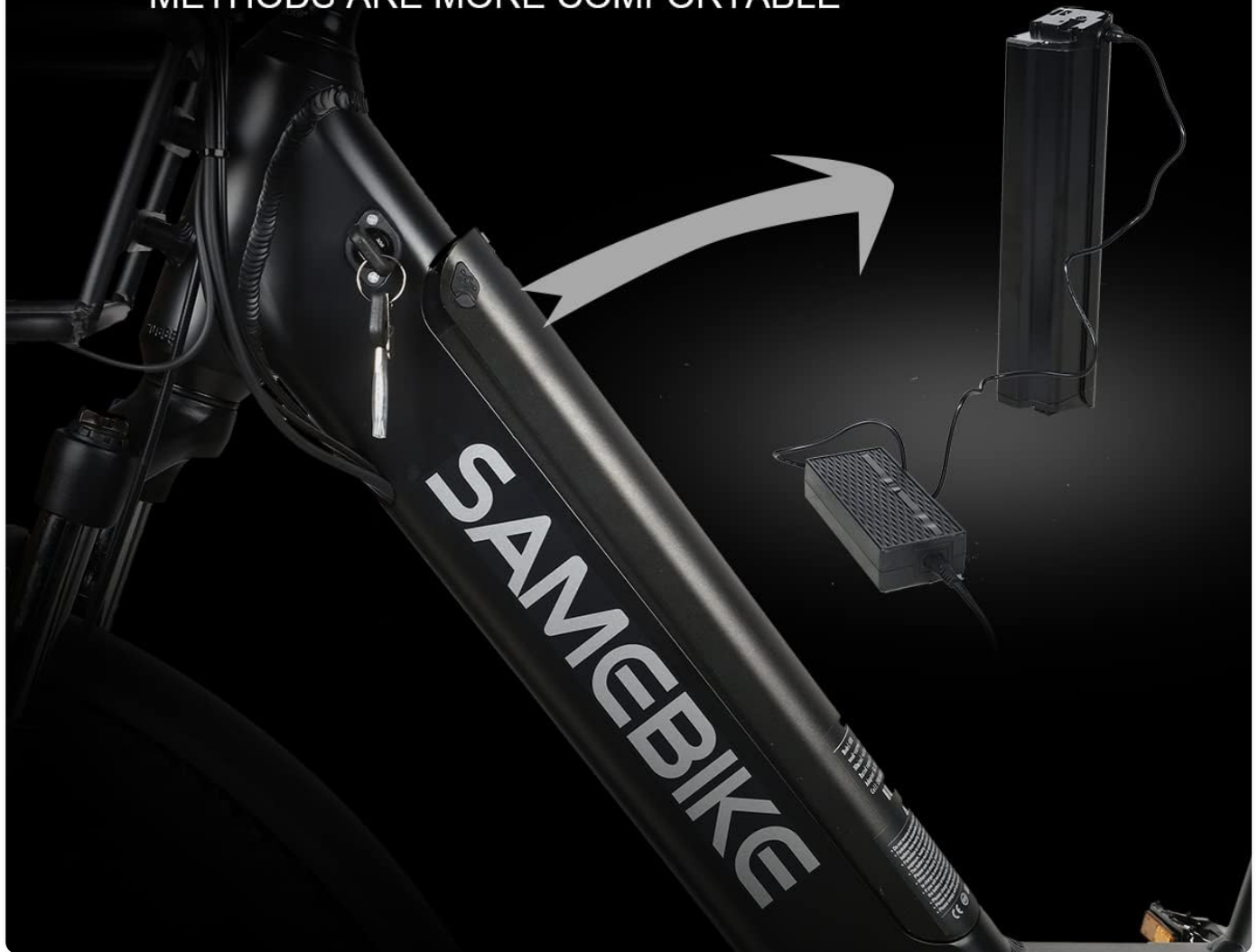


Figure 3: Removable Battery Design. This image illustrates the removable battery feature and the two methods for charging: directly on the bike or removed from the frame.

OPERATING YOUR ELECTRIC BIKE

Powering On/Off:

To power on the bike, press and hold the power button on the central LCD intelligent instrument. To power off, press and hold the same button.

Three Working Modes:

Your SAMEBIKE electric bicycle offers three distinct riding modes to suit various preferences and terrains:

- **Ebike Mode (Full Electric):** In this mode, the bike is propelled solely by the motor, without the need for pedaling.

This mode is ideal for effortless cruising or when you need a break from pedaling. The 750W high-speed brushless gear motor provides strong drive power.

- **Pedal Assisted Mode (PAS):** This mode provides electric assistance as you pedal. The motor amplifies your pedaling effort, making it easier to climb hills or cover longer distances with less fatigue. You can adjust the level of assistance through the display. The bike can achieve up to 62 miles in pure pedal assist mode.
- **Normal Pedaled Mode:** In this mode, the electric motor is disengaged, and the bike functions as a traditional bicycle. You rely entirely on your own pedaling power. This mode is suitable for exercise or when the battery is depleted.

Central LCD Intelligent Instrument:

The central LCD display provides real-time information and allows you to control various functions of your e-bike. Key indicators include:

- **Speed Display:** Shows your current riding speed.
- **Power Display:** Indicates the current battery charge level.
- **Motor Power Display:** Shows the power output from the motor.
- **Gear Display:** Indicates the current pedal assist level or gear.
- **Total Mileage Display:** Tracks the total distance ridden by the bike.
- **Single Mileage Display:** Shows the distance covered during the current trip.
- **Fault Display:** Alerts you to any system errors.

The bike also features 7 speed gears for mechanical shifting, complementing the electric modes.

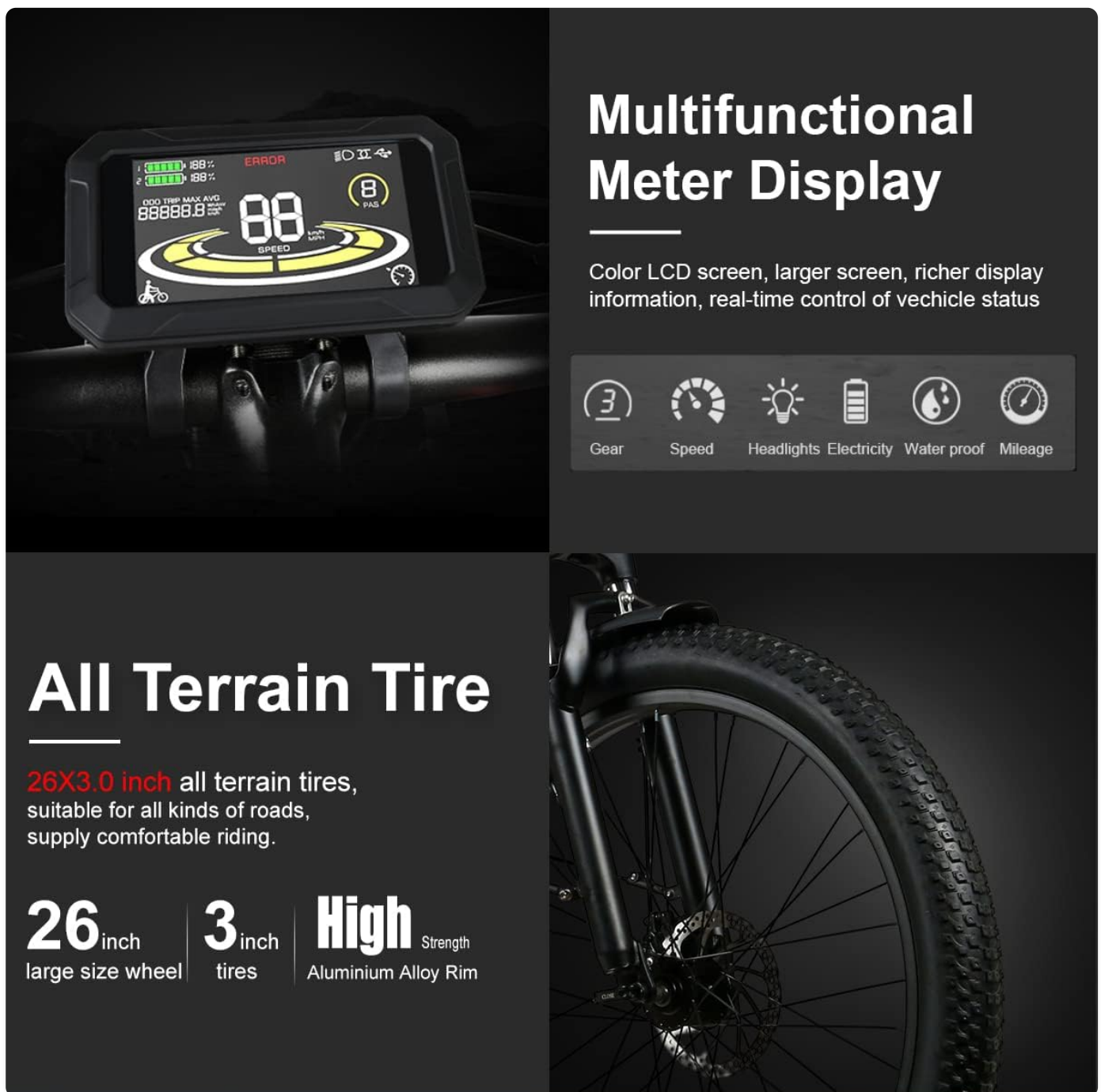


Figure 4: Multifunctional Meter Display and All Terrain Tire. This image showcases the color LCD screen of the intelligent instrument, displaying various metrics like gear, speed, battery, and mileage. It also highlights the 26x3.0 inch all-terrain tires suitable for various road conditions.

MAINTENANCE AND CARE

Regular maintenance is crucial for the longevity and optimal performance of your SAMEBIKE electric bike. Follow these guidelines to keep your bike in excellent condition.

Battery Care:

- **Charging:** Always use the original charger. Do not overcharge the battery; disconnect it once fully charged.
- **Storage:** If storing the bike for an extended period, charge the battery to about 50-70% and store it in a cool, dry place. Recharge it every 1-2 months to prevent deep discharge.

- **Temperature:** Avoid exposing the battery to extreme temperatures (very hot or very cold), as this can affect its performance and lifespan.
- **Water Resistance:** The battery is IP54 waterproof, meaning it is protected from dust and splashing water. Do not submerge the battery or bike in water.

General Bike Maintenance:

- **Tires:** Regularly check tire pressure. The 26x3.0 inch fat tires require specific pressure for optimal performance and comfort. Refer to the tire sidewall for recommended pressure.
- **Brakes:** Inspect disc brakes regularly for wear on pads and rotors. Ensure brake levers are firm and responsive. Adjust or replace components as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth shifting and prevent premature wear.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases to ensure they are tight and secure.
- **Cleaning:** Clean your e-bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components. Dry thoroughly after cleaning.

TROUBLESHOOTING COMMON ISSUES

This section addresses common issues you might encounter with your SAMEBIKE electric bike. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Bike not powering on.	Battery not charged, battery not properly seated, loose connection, power button issue.	Ensure battery is fully charged. Check if battery is securely installed. Inspect all visible connections. Try pressing the power button firmly.
Motor not providing assistance.	PAS level set to zero, brake levers engaged, motor connection issue, fault code on display.	Increase PAS level on the display. Ensure brake levers are fully released. Check motor cable connections. Note any fault codes displayed.
Display shows an error code.	System malfunction, sensor issue.	Refer to the display's specific error code guide (if available in a separate manual) or contact customer support with the error code.
Brakes feel weak or noisy.	Worn brake pads, contaminated rotors, loose caliper.	Inspect brake pads for wear and replace if necessary. Clean rotors with disc brake cleaner. Ensure caliper bolts are tight.

TECHNICAL SPECIFICATIONS

Below are the detailed specifications for the SAMEBIKE Electric Bike.

Feature	Specification
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Feature	Specification
Brand	SAMEBIKE
Model	RS-A01
Bike Type	Electric Bike
Age Range	Adult
Motor	750W High-speed Brushless Gear Motor
Battery	48V 14Ah Removable Lithium-Ion (IP54 waterproof)
Charging Time	4-6 hours (approx. 5 hours for full charge)
Max Range (Full Electric)	Approx. 28 miles (45 km)
Max Range (Pedal Assist)	Approx. 62 miles (100 km)
Number of Speeds	7 Speed Gears
Brake Type	Disc Brakes
Wheel Size	26 x 3.0 Inches (All Terrain Tires)
Frame Material	6061 Aviation Aluminum
Suspension Type	Front Suspension
Special Features	Central LCD Intelligent Instrument, Digital Display
Ebike Size	186.5 x 75 x 124.5 cm (73.4 x 29.5 x 49.0 inches)
Maximum Load Capacity	150 kg (330 lbs)
Bicycle Weight	Approx. 70.5 lbs
Included Components	Tool Kit

Product Dimensions

A deeper understanding



Figure 5: Product Dimensions. This image provides key measurements of the electric bike, including total length (186 cm) and height (125 cm), along with an adjustable seat height range (89-103 cm).



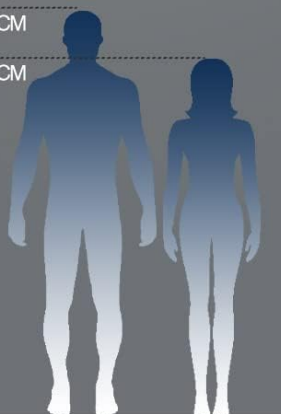
FRAME SIZE

A Handlebar Height	49.1"
B Total Length	73.4"
C Handlebar length	29.5"
D Adjustable height of seat	3.93"

Height

189CM

165CM



Recommended height
5'3"-6'3"



Bicycle weight
70.5LBS



Load capacity
MAX 330LBS

Figure 6: Frame Size and Rider Recommendations. This image details frame dimensions such as handlebar height (49.1"), total length (73.4"), handlebar length (29.5"), and adjustable seat height (3.93"). It also provides recommended rider height (5'3"-6'3"), bicycle weight (70.5 lbs), and maximum load capacity (330 lbs).

·PRODUCT HIGHLIGHTS



Brushless Motor

750W brushless high-power motor, the maximum speed can reach 35KM/H

750_w
Rated Power

35_{km/h}
Max Speed

30°
Max gradient

Removable Lithium Battery

48V 14Ah High-energy Li-Battery

Well-known Brand batteries with
1 year overseas warranty

18650
Cell Specifications

4-6H
Recharge

20-40
Miles per Charge

14AH
Battery Capacity



Figure 7: Product Highlights: Motor and Battery. This image highlights the 750W brushless high-power motor with a maximum speed of 35 KM/H and 30° max gradient. It also details the removable 48V 14Ah high-energy Li-Battery, including its 18650 cell specifications, 4-6 hour recharge time, 20-40 miles per charge range, and 14Ah capacity.

WARRANTY INFORMATION

The 48V 14Ah removable lithium battery comes with a **1-year overseas warranty**. For specific terms and conditions regarding other components and the overall bicycle, please refer to the warranty card included with your product or contact SAMEBIKE customer support.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue that cannot be resolved using the troubleshooting guide, please contact SAMEBIKE customer support. Have your product model (RS-A01) and purchase details ready when contacting support.

For the most up-to-date contact information, please visit the official SAMEBIKE website or the retailer's support page where you purchased the product.

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ASK A QUESTION ABOUT THIS MANUAL

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

Anonymous

Email

you@example.com

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