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> cysum Speedy Electric Mountain Bike 29-inch User Manual

cysum Speedy

cysum Speedy Electric Mountain Bike 29-inch User Manual

Model: Speedy | Brand: cysum

1. INTRODUCTION

Welcome to the cysum Speedy Electric Mountain Bike user manual. This guide provides essential information for the safe assembly, operation, and maintenance of your new e-bike. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: The cysum Speedy Electric Mountain Bike, showcasing its robust design and integrated battery.

Key Features:

- **Powerful Motor & Long-Range Battery:** Equipped with a 75 Nm torque motor, reaching a maximum speed of 25 km/h. The 48V 672 Wh lithium battery provides an impressive range of up to 100 km on a single charge.
- **Durable Tires:** Features 29-inch anti-slip and wear-resistant tires for enhanced traction and stability across various terrains.
- **Superior Braking & Safety:** Hydraulic disc brakes ensure exceptional stopping power. An LED front light, Cysum reflector, and rear light enhance visibility and safety.
- **Smooth Ride:** A 7-speed transmission system ensures seamless gear changes, while the front suspension fork absorbs shocks and vibrations for a comfortable ride.
- **Versatile Riding Modes:** Offers three riding modes: pure electric, pedal-assist, and traditional bicycle mode. The LCD display provides real-time data and allows selection of 5 levels of pedal assistance.

2. PACKAGE CONTENTS

Upon unboxing, please verify that all components are present:

- cysum Speedy Electric Mountain Bike (main unit)
- Front Mudguard
- Rear Mudguard
- Rear Rack
- Tool Kit
- Battery Charger
- User Manual (this document)

3. ASSEMBLY INSTRUCTIONS

Your cysum Speedy e-bike requires some assembly. Please follow these general steps. For detailed visual guidance, refer to the assembly video below.

1. **Unpack:** Carefully remove all components from the packaging.
2. **Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and tightened securely.
3. **Front Wheel Installation:** Install the front wheel, ensuring the disc brake rotor is correctly aligned with the caliper.
4. **Pedal Installation:** Attach the pedals. Note that pedals are typically marked 'L' for left and 'R' for right. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise.
5. **Seat Post Installation:** Insert the seat post into the frame and adjust the height for comfortable riding. Secure with the quick-release lever.
6. **Accessory Installation:** Install the front and rear mudguards and the rear rack using the provided tool kit.
7. **Battery Insertion:** Insert the battery into its designated compartment on the frame and lock it securely with the key.
8. **Pre-Ride Check:** Before your first ride, double-check all bolts and quick releases for tightness. Ensure brakes are functioning correctly and tires are inflated to the recommended pressure.



Figure 2: Detailed dimensions of the cysum Speedy e-bike, useful for assembly and fit adjustments.

Assembly and First Ride Video:

Your browser does not support the video tag.

Video 1: This video demonstrates the assembly process, battery installation, display activation, and initial riding experience of the cysum Speedy e-bike.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off and Display Functions

To power on your e-bike, ensure the battery is securely inserted and locked. Press the power button on the battery, then press and hold the 'M' button on the handlebar display.



Figure 3: The LCD display provides real-time information such as speed, battery level, and pedal assist level.

- **Power On/Off:** Press and hold the 'M' button to turn the device on or off.
- **Increase Pedal Assist:** Press the '+' button to increase the pedal assist level.
- **Decrease Pedal Assist:** Press the '-' button to decrease the pedal assist level.
- **View Functional Area:** Press the 'M' button to cycle through different functional areas on the display (e.g., ODO, TRIP).



Figure 4: Handlebar controls for the display, including '+' and '-' for assist levels and 'M' for mode selection.

4.2 Display Settings

To enter the display settings page, press the '+' and '-' buttons simultaneously. Use the '+' and '-' buttons to navigate through parameters and the 'M' button to confirm selections. To exit settings, press '+' and '-' simultaneously again.

Your browser does not support the video tag.

Video 2: This video demonstrates how to access and adjust the display settings on your cysum Speedy e-bike.

4.3 Riding Modes

The cysum Speedy offers three distinct riding modes:

- **Pure Electric Mode:** The bike is propelled solely by the motor, without requiring pedal input.
- **Pedal-Assist Mode:** The motor provides assistance as you pedal, making riding easier, especially on inclines or long distances. You can adjust the level of assistance (1-5) via the display.
- **Bicycle Mode:** The electric assist is off, and the bike functions as a traditional bicycle, relying entirely on pedal power.

4.4 Battery Management

The 48V 672 Wh lithium battery is integrated into the frame. To charge, remove the battery or plug the charger directly into the charging port on the bike. Always use the original charger provided. A full charge typically takes several hours. Avoid completely draining the battery to prolong its lifespan.



Figure 5: The integrated battery design within the e-bike frame.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your cysum Speedy e-bike.

5.1 General Care

- **Cleaning:** Clean your bike regularly with a damp cloth and mild soap. Avoid high-pressure washers directly on electrical components.
- **Lubrication:** Keep the chain and other moving parts lubricated to prevent rust and ensure smooth operation.
- **Tire Pressure:** Check tire pressure before each ride. Refer to the tire sidewall for recommended PSI.
- **Storage:** Store the bike in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, ensure the battery is partially charged (50-70%) and recharge every few months.

5.2 Brake System

The cysum Speedy is equipped with hydraulic disc brakes. Regularly check the brake pads for wear and ensure the brake levers provide firm and responsive stopping power. If you notice any issues, consult a qualified bicycle technician.



Figure 6: The rear hydraulic disc brake system, providing reliable stopping power.

5.3 Drivetrain

The 7-speed drivetrain requires periodic inspection. Ensure the chain is clean and lubricated, and the gears shift smoothly. Adjustments to the derailleur may be necessary over time to maintain optimal shifting performance.



Figure 7: The 7-speed gear cassette, part of the bike's drivetrain.

6. SAFETY GUIDELINES

- Always wear a helmet and appropriate safety gear when riding.
- Obey all local traffic laws and regulations.
- Be aware of your surroundings and ride defensively.
- Do not ride under the influence of alcohol or drugs.
- Ensure the front and rear lights are functional, especially when riding in low-light conditions.
- Regularly check brakes, tires, and all mechanical components for proper function.



Figure 8: The bright LED front light enhances visibility during rides.

7. SPECIFICATIONS

Feature	Specification
Bike Type	Mountain Bike
Age Range (Description)	Adults
Brand	cysum

Feature	Specification
Number of Speeds	7
Color	Grey
Wheel Size	29 Inches
Frame Material	Aluminum
Suspension Type	Front Suspension
Special Feature	Lightweight
Braking System	Disc Brake
Power Source	Electric Motor
Electric Power	8 Watts
Lithium Battery Energy	672 Watt-hours
Bicycle Gear Shift Type	Trigger
Derailleur Configuration	Rear
Bicycle Drive Type	Chain Drive
Electric Assist Type	Mid-drive motor with pedal assist
Item Weight	31 Kilograms
Recommended Maximum Weight	31 Kilograms
Assembly Required	Yes

8. TROUBLESHOOTING

If you encounter any issues with your cysum Speedy e-bike, please refer to the following common troubleshooting tips:

- **Bike not powering on:** Ensure the battery is fully charged, correctly inserted, and locked. Check the power button on both the battery and the display.
- **Motor not assisting:** Verify that pedal-assist mode is selected and the assist level is not set to zero. Check battery charge.
- **Brakes feel weak:** Inspect brake pads for wear. Check brake fluid levels (for hydraulic brakes) or cable tension (if applicable). Do not ride if brakes are not fully functional.
- **Unusual noises:** Stop riding immediately and inspect the bike for loose components, rubbing parts, or damaged drivetrain elements.

For persistent issues or complex repairs, it is recommended to contact customer support or a certified bicycle technician.

9. WARRANTY AND SUPPORT

The cysum Speedy Electric Mountain Bike comes with a **1-year product warranty** from the date of purchase.

This warranty covers manufacturing defects and material faults under normal use. It does not cover wear and tear, misuse, accidents, or unauthorized modifications.

For warranty claims, technical support, or spare parts, please contact the seller:

- **Seller Name:** CYSUM OFFICIAL STORE
- **Seller ID:** A1K778OL2GOKD1

Please retain your proof of purchase for warranty validation.