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> GESHENG S5 V3.0 Folding Electric Bike User Manual

GESHENG S5 V3.0

GESHENG S5 V3.0 Folding Electric Bike User Manual

Model: S5 V3.0 | Brand: GESHENG

[Introduction](#) [Unboxing](#) [Assembly](#) [Operation](#) [Charging](#) [Folding](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

Welcome to the GESHENG S5 V3.0 Folding Electric Bike User Manual. This manual provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

2. UNBOXING YOUR GESHENG S5 V3.0

Carefully unpack your electric bike from its packaging. Ensure all components are present and undamaged before proceeding with assembly.



Figure 2.1: GESHENG S5 V3.0 Electric Bike as received in its packaging.

Upon opening the box, you will find the folded e-bike securely packed with protective materials. Remove all packaging straps and foam inserts carefully to avoid scratching the frame.

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Video 2.1: Unboxing process of the GESHENG S5 V3.0 Electric Bike. This video demonstrates how to safely remove the bike from its packaging and identify included components.

3. ASSEMBLY INSTRUCTIONS

The GESHENG S5 V3.0 comes 95% pre-assembled. Follow these steps to complete the setup:

3.1 Unfolding the Frame

Locate the folding mechanism on the main frame. Release the safety latch and unfold the bike until the frame locks into its upright position. Ensure the locking mechanism is securely engaged before proceeding.

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Video 3.1: Demonstration of unfolding the GESHENG S5 V3.0 frame and securing the locking mechanism.

3.2 Handlebar Installation

Insert the handlebar stem into the front fork tube. Adjust the handlebar to your preferred riding height, ensuring the minimum insertion mark is not visible. Secure the quick-release lever firmly.



Figure 3.2: Proper installation and adjustment of the handlebar. Ensure the stem is inserted past the minimum insertion line.

3.3 Pedal Installation

Identify the left ("L") and right ("R") pedals. The right pedal screws in clockwise, and the left pedal screws in counter-clockwise. Apply a small amount of grease to the pedal threads before installation. Use the provided wrench to tighten them securely.



Figure 3.3: Step-by-step guide for installing the left and right pedals. Note the direction of tightening for each pedal.

3.4 Front Carrier Installation (Optional)

If you wish to install the front carrier, remove the four screws from the front of the bike frame. Align the carrier with the screw holes and re-insert and tighten the screws to secure it.



Figure 3.4: Instructions for attaching the optional front carrier to the bike frame.

3.5 Reflector Installation

Attach the front and rear reflectors to the spokes of the wheels. Ensure they are securely fastened and visible from all

angles for safety.

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Video 3.5: Guide to installing the wheel reflectors for enhanced visibility.

3.6 Rear Pedals Installation (Optional)

If you plan to carry a passenger, install the rear foot pegs. Securely attach them to the designated points on the rear frame using the provided screws and tools.

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Video 3.6: Instructions for installing the rear foot pegs for passenger use.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Display Functions

Ensure the battery is securely installed and locked. Turn the key to the "ON" position. Press and hold the power button on the LCD display for approximately 2 seconds to power on the bike. The display will show speed, battery level, PAS level, and trip information.

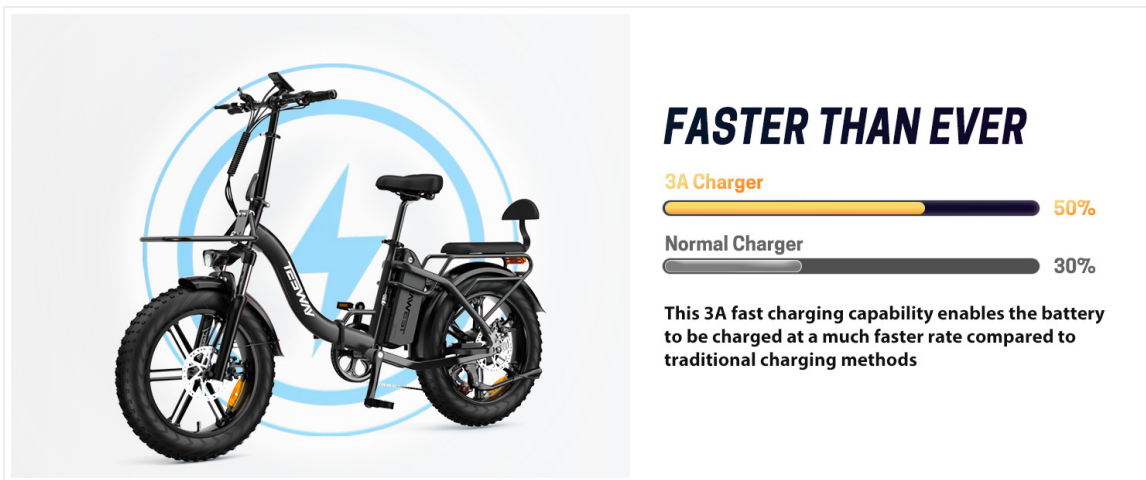


Figure 4.1: The large smart display provides clear information on battery, speed, and pedal assist level.

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Video 4.1: How to power on the bike and navigate the LCD display features, including pedal assist levels.

4.2 Headlight and Horn

Activate the bright headlight and horn using the dedicated buttons on the handlebar for improved safety and visibility.

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Video 4.2: Demonstration of operating the headlight and horn.

4.3 Gear Shifting

The GESHENG S5 V3.0 features a 7-speed gear shifting system. Use the trigger shifter on the handlebar to change gears, adapting to different terrains and riding conditions for a comfortable and efficient ride.



CARRYING PEOPLE OR CARGO

Featuring cushioned rear seat with a backrest, Perfect for enjoying rides with friends and kids.

It can also be equipped with a large kids seat or baskets. Even the front of the bike as well.

Figure 4.3: The 7-speed gear system allows for smooth transitions across various terrains.

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Video 4.3: How to effectively use the 7-speed gear shifter.

4.4 Braking System

The bike is equipped with front and rear disc brakes for reliable stopping power. Squeeze the brake levers on the handlebar to engage the brakes. Always apply both brakes simultaneously for balanced stopping.

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Video 4.4: Demonstration of using the front and rear disc brakes.

5. BATTERY CHARGING

Your GESHENG S5 V3.0 comes with a powerful 48V 30AH/20AH removable lithium battery. You have two options for charging:

5.1 Charging Directly on the Bike

Connect the charger directly to the charging port on the bike's battery. Ensure the bike is turned off during charging.



FOLDABLE & SAVING SPACE

Spend seconds without tools to fold your e-bike in a suitable size. Easily carrying into a van or SUV

Figure 5.1: Charging the battery while it remains installed on the bike.

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Video 5.1: How to charge the battery directly on the e-bike.

5.2 Removing Battery for Charging

To remove the battery, first remove the seat post. Then, use the provided key to unlock the battery from the frame and slide it out. Connect the charger to the battery's charging port. This method allows for convenient charging indoors or away from the bike.



Figure 5.2: The removable battery can be charged independently from the bike.

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Video 5.2: Steps to remove the battery for off-bike charging.

6. FOLDING YOUR GESHENG S5 V3.0

The GESHENG S5 V3.0 is designed for easy folding, making it convenient for storage and transport. Follow these steps to fold your bike:

1. Lower the seat post to its lowest position.
2. Fold the pedals inward.
3. Release the quick-release lever on the handlebar stem and fold the handlebar down.
4. Locate the main frame folding latch, release it, and fold the bike in half.
5. Secure the frame with the safety latch.



Figure 6.1: The GESHENG S5 V3.0 in its compact folded state, ideal for transport and storage.

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Video 6.1: Step-by-step guide on how to fold the GESHENG S5 V3.0 electric bike.

7. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your GESHENG S5 V3.0 electric bike.

- **Tire Pressure:** Regularly check and maintain the recommended tire pressure (20 Inches x 4.0" Fat Tire). Proper inflation ensures optimal performance and prevents punctures.
- **Brakes:** Inspect brake pads for wear and ensure brake levers are responsive. Adjust or replace as needed.
- **Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery and charge it regularly, even when not in use, to prolong its lifespan.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure water jets directly on

electrical components.

- **Fasteners:** Periodically check all bolts and fasteners for tightness, especially after the first few rides.

8. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike not powering on	Battery not charged or not properly installed. Power button not pressed correctly.	Ensure battery is charged and securely locked in place. Press and hold LCD power button for 2 seconds.
Motor not assisting	PAS level set to 0. Loose motor cable connection.	Increase PAS level on the display. Check all motor connections are secure.
Brakes squealing	Contamination on brake pads/rotors. Worn brake pads.	Clean rotors and pads with disc brake cleaner. Replace worn pads.
Gears not shifting smoothly	Dirty or unlubricated chain. Derailleur misalignment.	Clean and lubricate chain. Adjust derailleur if necessary (consult a bike mechanic if unsure).

9. PRODUCT SPECIFICATIONS

Feature	Specification
Bike Type	Electric Bike
Age Range (Description)	Adult
Brand	GESHENG
Number of Speeds	7
Color	BLACK
Wheel Size	20 Inches
Frame Material	Aluminum
Suspension Type	Front
Special Feature	Rechargeable, adjustable, foldable, LCD-Display, lightweight
Included Components	A Kit of Tools, Kickstand, Headlight, 3A Charger, Instruction Manual
Size	20 inch x 4
Brake Style	Disc
Style	30ah Battery
Model Name	S5 V3.0
Power Source	Battery
Wattage	750 watts
Wheel Material	Aluminum
Lithium Battery Energy Content	1080 Watt Hours
Seat Material Type	Vinyl
Warranty Type	Standard warranty
Assembly Required	Yes
Bicycle Gear Shifter Type	Trigger
Skill Level	Beginner
Bicycle Drivetrain Type	Hub motor
Electric Assist Type	Throttle-on-demand
Manufacturer	GESHENG

10. WARRANTY & SUPPORT

The GESHENG S5 V3.0 Electric Bike comes with a standard manufacturer's warranty. For detailed warranty information, please refer to the warranty card included in your package or contact GESHENG customer support.

For any technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact GESHENG customer service through their official website or the retailer where you purchased the product. Please have your model number (S5 V3.0) and purchase date ready when contacting support.