

Gugols G16

Gugols G16 Electric Folding E-Bike User Manual

Model: G16

1. INTRODUCTION

Thank you for choosing the Gugols G16 Electric Folding E-Bike. This manual contains important information regarding the safe operation, assembly, maintenance, and troubleshooting of your new e-bike. Please read it thoroughly before your first ride and keep it for future reference. Proper use and maintenance will ensure optimal performance and extend the lifespan of your G16 e-bike.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local traffic laws and regulations for electric bicycles. Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.

- Always wear a certified helmet.
- Ensure all components are securely fastened before riding.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and traffic.
- Avoid riding in adverse weather conditions, such as heavy rain or snow.
- Do not exceed the maximum weight recommendation of 150 pounds.

3. PACKAGE CONTENTS

Upon unpacking your Gugols G16 e-bike, please verify that all components are present:

- Gugols G16 Electric Folding E-Bike (partially assembled)
- 48V 15AH Removable Battery
- 2A Fast Charger
- Keys for Battery Lock (3 sets)

- Horn
- Front Basket
- Phone Holder with USB Charging Port
- Water Bottle Holder
- Portable Bike Basket
- User Manual
- Assembly Tools

4. SETUP & ASSEMBLY

Your Gugols G16 e-bike is 90% pre-assembled. The main tasks for assembly include attaching the front wheel, handlebars, headlight, fender, and pedals. Detailed instructions and reference pictures are provided in the included user manual.

Step-by-Step Assembly:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Handlebars:** Unfold the handlebars and secure them in the upright position. Adjust the height to your preference.
3. **Front Wheel:** Attach the front wheel, ensuring the brake disc is correctly aligned with the caliper.
4. **Fender & Headlight:** Install the front fender and headlight.
5. **Pedals:** Screw the pedals into the crank arms. Note that pedals are typically marked 'L' for left and 'R' for right.
6. **Seat Adjustment:** Adjust the seat height for a comfortable riding position.
7. **Accessories:** Attach the front basket, phone holder, water bottle holder, and portable bike basket as desired.
8. **Pre-Ride Check:** Before your first ride, double-check all bolts, connections, and tire pressure.



The Gugols G16 Electric Folding E-Bike, ready for assembly and use.

5. KEY FEATURES & COMPONENTS

5.1. Powerful Brushless Motor

The G16 is equipped with a powerful 500W brushless hub motor (750W peak) designed to conquer ramps with ease and provide a top speed of 28 mph.

750W POWERFUL BRUSHLESS MOTOR

With its strong power, speed and ease of use, this compact, green-friendly e-bike can bring you a great experience for efficient commuting, city riding, and school routes

 3 Speed Level

 28 mph Top Speed

 750W Peak Brushless Motor

Detail of the 500W brushless hub motor, providing efficient power for your ride.

5.2. High-Capacity Removable Battery

A 48V 15AH e-bike battery provides a range of 25-45 miles (pedal assist mode) and can be fully recharged in 3-7 hours with the included 2A fast charger. The battery is removable for convenient charging and enhanced security.



48V 15AH ANTI-THEFT BATTERY

Long range 16" electric bike with a powerful 48 V 15 AH high-capacity battery that's UL2849 certified

 **25-45 Miles**
Max Range (PAS Mode)

 **3-7 Hours**
Full Charged

 **48V 15AH**
High Capacity Battery

 **3 Set Keys**
Battery Key

The removable 48V 15AH battery, offering extended range and easy charging.

5.3. Full Suspension System

The G16 features a comprehensive suspension system with 10 shock absorbers (2 in the front fork, 2 mid-mounted, 2 in the seat pack, and 4 in the rear bracket) to ensure a comfortable and stable ride across various terrains.

ALL-TERRAIN READY DAMPING

The 10 shock absorbers are designed to give you unrivalled comfort and stability no matter what kind of terrain you're riding on.



The full suspension system with multiple shock absorbers for a smooth ride.

5.4. Dual Mechanical Disc Brakes

Equipped with dual mechanical disc brakes on both the front and rear wheels, the G16 provides reliable stopping power, even in wet conditions, enhancing rider safety.



Front and rear mechanical disc brakes for responsive and safe stopping.

5.5. Intelligent LCD Display & Controls

The waterproof LCD display shows speed, battery life, and distance traveled. Handlebar controls include a light button, horn, speed switch (3 levels), and a key power switch. A phone holder with a USB charging port is integrated for convenience.



The intelligent LCD display and handlebar controls, including a phone holder with USB charging.

5.6. Comfortable Seating & Two-Seater Design

The G16 features an oversized, thick padded main seat with springs for enhanced comfort. It also includes an additional rear seat with a backrest and footpegs, allowing for a second rider, such as a child.



The G16's two-seater design with a comfortable main seat and a rear seat with backrest and footpegs.

5.7. Foldable and Portable Design

The G16 is designed for outstanding portability, featuring foldable handlebars, pedals, and a frame that allows it to be compactly stored. Weighing 68 lbs, it can easily fit into a car trunk or RV, making it ideal for travel.

FOLDABLE DESIGN

Lightweigh only 68lbs, which can easily fit into the boot of SUV and RV, adding more fun to your trip.



The G16 e-bike in its folded state, demonstrating its compact and portable design.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

Insert the key into the ignition and turn it to the 'ON' position. Press and hold the power button on the LCD display to turn the e-bike on. Repeat the process to turn it off.

6.2. Riding Modes

The G16 offers three riding modes:

- **Pure Electric Mode:** Engage the throttle for motor-only propulsion.
- **Pedal-Assist Mode:** Pedal normally, and the motor will provide assistance. There are 3 levels of assisted speed, adjustable via the speed switch on the handlebars.
- **Normal Bike Mode:** Ride without any electrical assistance, similar to a traditional bicycle.

6.3. Charging the Battery

To charge the battery, ensure the e-bike is turned off. Connect the charger to the charging port on the battery, then plug the charger into a standard wall outlet. The indicator light on the charger will show the charging status. A full charge typically takes 3-7 hours.

6.4. Using the LCD Display

The intelligent LCD display provides real-time information:

- **Speed:** Current riding speed.
- **Battery Level:** Indicates remaining battery charge.
- **Distance:** Displays trip distance or total odometer reading.
- **Assist Level:** Shows the current pedal-assist level (1-3).

6.5. Folding the Bike

To fold your G16 e-bike:

1. Lower the seat to its lowest position.
2. Fold the handlebars down using the quick-release lever.
3. Fold the pedals inward.

4. Locate the main frame hinge and open the quick-release mechanism. Carefully fold the frame in half until it locks into place.

7. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your Gugols G16 e-bike.

7.1. General Cleaning

Clean your e-bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

7.2. Battery Care

Store the battery in a cool, dry place. If not used for extended periods, charge it to 50-70% every 2-3 months to maintain battery health. Avoid fully discharging the battery frequently.

7.3. Brake Inspection

Regularly check the brake levers for proper tension and ensure the brake pads are not excessively worn. Adjust or replace as necessary.

7.4. Tire Pressure

Maintain recommended tire pressure (usually indicated on the tire sidewall) for optimal performance, safety, and battery range.

7.5. Chain Lubrication

Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.

8. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
E-bike does not power on	Battery not charged or not properly installed; Key not in 'ON' position; Loose electrical connection.	Charge battery; Ensure battery is securely installed; Turn key to 'ON'; Check all visible connections.
Motor not assisting	Pedal-assist level set to 0; Brake levers engaged; Loose motor cable.	Increase pedal-assist level; Release brake levers; Check motor cable connection.
Brakes feel weak	Worn brake pads; Loose brake cable; Air in hydraulic system (if applicable).	Inspect and replace brake pads; Adjust brake cable tension; Consult a professional for hydraulic systems.
Unusual noises during ride	Loose components; Dry chain; Debris in moving parts.	Check all bolts and fasteners; Lubricate chain; Inspect for and remove debris.

If you encounter issues not listed here or cannot resolve a problem, please contact Gugols customer support.

9. SPECIFICATIONS

Feature	Detail
Bike Type	Commuting Bike
Age Range (Description)	Adult
Brand	Gugols
Number of Speeds	3 (Assist Levels)
Wheel Size	16 Inches
Frame Material	High Carbon Steel
Suspension Type	Full
Special Feature	Adjustable Handlebars
Brake Style	Disc
Specific Uses For Product	Road
Power Source	Battery
Wattage	750 watts (Peak)
Lithium Battery Energy Content	720 Watt Hours (48V 15AH)
Electric Assist Type	Hub motor, Pedal assist, Throttle assist
Item Weight	83 Pounds
Maximum Weight Recommendation	150 Pounds
Model Year	2023
Manufacturer	Huizhou Xingqishi Sporting Goods Co., Ltd.

10. WARRANTY AND SUPPORT

Gugols provides a **1-Year Limited Warranty** for the G16 Electric Folding E-Bike. This warranty covers manufacturing defects and ensures the quality of your product.

For any questions, technical support, or warranty claims, please contact Gugols customer service. We offer **12-Month & 24/7 U.S. customer service** and **Lifetime technical support** to assist you.

Contact Information: Please refer to the contact details provided on the Gugols official website or your purchase documentation for the most up-to-date support channels.