Gugols G16

Gugols G16 Electric Bike User Manual

MODEL: G16

Brand: Gugols

Introduction Safety Guidelines Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Gugols G16 Electric Bike. Please read this manual thoroughly before your first ride and retain it for future reference.
The Gugols G16 is a 16-inch folding electric bicycle designed for adults, featuring a 750W peak brushless motor and a 48V 15.6Ah removable battery. It supports three riding modes and is suitable for various terrains including commuting, mountain roads, and beaches.

2. Safety Guidelines

WARNING: Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local regulations regarding electric bicycles.

- Perform a pre-ride inspection before each use, checking brakes, tires, battery, and all fasteners.
- Ensure the battery is securely locked in place before riding.
- Do not operate the bike under the influence of alcohol or drugs.
- Avoid riding in extreme weather conditions or on excessively slippery surfaces.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Regularly check tire pressure and brake function.

3. Setup and Initial Assembly

Your GugoIs G16 electric bike arrives 85% pre-assembled. The remaining assembly steps are straightforward and detailed in the included user manual and an installation video.

3.1 Unpacking and Initial Inspection

- Carefully remove the bike and all components from the packaging.
- Check for any visible damage during transit. Contact customer support immediately if damage is found.
- Verify all included components are present: bike, charger, kickstand, tool kit, user manual, basket (if applicable).

3.2 Battery Charging

Before first use, fully charge the battery. The 48V 15.6Ah removable battery typically charges in 3-7 hours using the provided 2A fast charger.

- Locate the charging port on the battery.
- Connect the charger to the battery, then plug the charger into a standard wall outlet.
- The charger indicator light will change when charging is complete.



Figure 3.2: The 48V 15.6Ah removable battery, UL2849 certified, offering a maximum range of 30 miles.

3.3 Adjustments

Adjust the handlebars and seat post to a comfortable and safe riding position.

- **Handlebars:** Loosen the quick-release lever or bolt, adjust to desired height, and secure firmly.
- **Seat Post:** Loosen the quick-release lever, adjust seat height so your feet can comfortably touch the ground when stopped, and secure firmly.

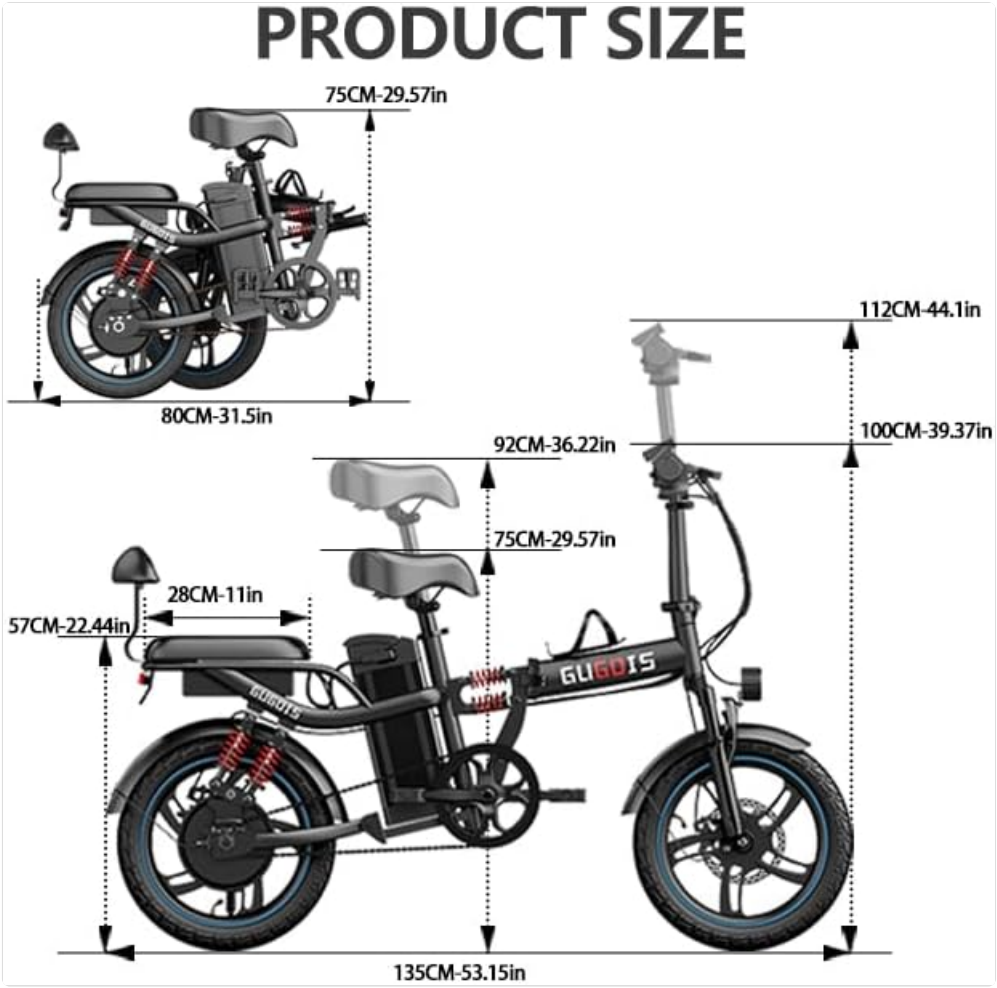


Figure 3.3: Product dimensions for the Gugols G16 Electric Bike, showing both unfolded and folded measurements.

4. Operation

4.1 Powering On/Off and Display

The Gugols G16 features a smart waterproof LCD display. To power on the bike, press and hold the power button on the display. The display shows speed, battery level, and other riding data.



Figure 4.1: Smart waterproof LCD display showing speed, battery, and controls like light button, horn, speed switch, throttle, brake handle,

and power switch.

4.2 Riding Modes

The bike offers three distinct riding modes:

- **Electric Mode (Throttle Mode):** Engages the motor directly via the throttle for propulsion without pedaling.
- **Pedal-Assist Mode (PAS Mode):** Provides motor assistance while you pedal, making riding easier. The level of assistance can be adjusted.
- **Normal Bicycle Mode:** The motor is disengaged, and the bike operates like a traditional bicycle, powered solely by pedaling.



Figure 4.2: Illustration of the three riding modes: Throttle Mode, PAS Mode, and Bike Mode.

4.3 Speed Settings

The GugoIs G16 has three speed settings, allowing riders to select a speed appropriate for their comfort and conditions.



Figure 4.3: The 750W peak brushless motor, capable of reaching a top speed of 28 mph with 3 speed levels.

4.4 Braking System

The bike is equipped with dual disc brakes for reliable stopping power. Operate both front and rear brakes simultaneously for optimal control.



Figure 4.4: Illustration of the dual disc brake system, showing front and rear brakes.

4.5 Lights

The bike includes front and rear lights to enhance visibility and safety, especially during low-light conditions or night riding.



Figure 4.5: Close-up of the safe front and rear lights for improved visibility.

4.6 Folding Mechanism

The G16 features a foldable design for compact storage and transport. It weighs approximately 68 lbs and can fit into the trunk of an SUV or RV.



Figure 4.6: A person folding the GugoIs G16 electric bike to fit into a car trunk, demonstrating its compact design.

4.7 Anti-Theft Features

The bike includes an intelligent remote controller for enhanced security, offering remote unlocking, one-click locking, and anti-theft alarms (115dB). It also supports a "Bike Hunting/Long Range Start" feature where pressing twice can start the bike without a key from up to 50m.



Figure 4.7: The intelligent remote controller for the GugoIs G16, detailing functions like remote unlocking, one-click locking, anti-theft alarms, and remote start.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your GugoIs G16 Electric Bike.

5.1 Battery Care

- Charge the battery fully after each ride, or at least once a month if not in use, to maintain battery health.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not expose the battery to water or moisture.

5.2 Cleaning

- Clean the bike with a damp cloth and mild soap. Avoid high-pressure washing, especially near electrical components.
- Do not immerse any electrical parts in water.

5.3 Tire Pressure

- Check tire pressure regularly and inflate to the recommended PSI (usually found on the tire sidewall).

5.4 Brake Inspection

- Inspect brake pads for wear and replace them when necessary.
- Ensure brake levers engage smoothly and provide adequate stopping power. Adjust brake cables if needed.

5.5 General Checks

- Periodically check all bolts and fasteners for tightness.
- Lubricate the chain regularly.

6. Troubleshooting

This section addresses common issues you might encounter with your GugoIs G16 Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged, battery not properly installed, power button not pressed correctly.	Ensure battery is fully charged and securely inserted. Press and hold the power button.
Motor not assisting (PAS/Electric mode).	Low battery, PAS level set to zero, brake levers engaged, motor connection issue.	Charge battery. Increase PAS level. Release brake levers. Check motor cable connections.
Brakes feel weak or spongy.	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 brake issues.
Unusual noises during operation.	Loose components, dry chain, motor issue.	Check all fasteners. Lubricate chain. If noise persists, contact support.

For issues not listed here or if solutions do not resolve the problem, please contact GugoIs customer support.

7. Specifications

Feature	Detail
Model	G16
Motor	750W Peak Brushless Motor
Battery	48V 15.6Ah Removable Lithium Battery (UL2849 certified)
Max Range	Up to 30 miles (Pedal-Assist Mode)
Charging Time	3-7 hours (with 2A fast charger)
Wheel Size	16 inches
Frame Material	High Carbon Steel
Suspension Type	Full Suspension (Front, Mid-Mounted, Saddle)
Brake Style	Dual Disc Brake
Number of Speeds	3
Bike Type	Commuting Bike, Folding Bike
Weight	Approximately 68 lbs (30.8 kg)
Maximum Weight Recommendation	150 kg (330 lbs)

Feature	Detail
Recommended Height	4.8 - 6.0 FT
Included Components	Basket, Charger, Kickstand, Tool Kit, User Manual



Figure 7.1: Diagram illustrating the multiple shock absorption design, including front shock, mid-mounted suspension, and saddle shock.

8. Warranty & Support

8.1 Warranty Information

Most accessories, including the motor, battery, controller, frame, and charger, come with a one-year warranty from the date of purchase.

This warranty covers manufacturing defects and material faults under normal use. It does not cover damage caused by

misuse, accidents, unauthorized modifications, or normal wear and tear.

8.2 Customer Support

GugoIs provides lifetime technical support for your electric bike. If you encounter any issues or have questions, please contact our professional after-sales team. We aim to provide a solution within 24 hours.
For support, please refer to the contact information provided with your purchase or visit the official GugoIs website.

© 2024 GugoIs. All rights reserved.

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