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Website: GreenBikeElectric.com

Folding Electric Bicycles:

Cycoo Spirit

Instruction Manual

Green Bike – Electric Motion Congratulations on you're newly purchased!

Joining **Greenbike's Go Green** revolution will open your doors to a whole new world of freedom! **Green Bike – Electric Motion** greatly values the quality of our products, giving you value for your money, friendly and professional service, and safety for the rider above all else.

Please uphold the product-customer-importer relationship to ensure a quality experience over time. In this manual, you will find all the details required to maintain product care.

To ensure safety during riding and to maintain long-term usage experience, please read all instructions carefully before using the bike, and follow the specified maintenance and usage instructions.

Thank you for choosing **Green Bike – Electric Motion** !

- Do not allow an additional rider on the bike. This bike is designed to carry one person only.

Any damage to the bicycle resulting from an additional rider is **not covered under warranty**

- The height of the seat and handlebars should be adjusted for maximum comfort and control

- The seat post and handlebars have a safety strip. Be sure it is not visible when adjusting. If the strip is not set correctly, excess pressure will be created and damage the cables.



- Be sure that the locking hinges of the seat and handlebars are locked before starting the trip.

- Check the condition of the brakes frequently and adjust when necessary. Braking range on a dry road is 13 feet and on a wet road can reach 50 feet. Keep more distance on a wet road.

- The chain is properly adjusted and should not be altered. The chain must be lubricated to prevent accelerated weathering.

- At night, the headlight and backlight must be switched on by a switch on the control display.

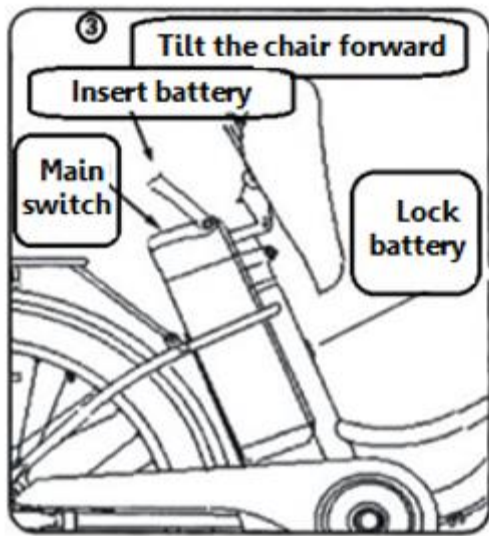
- Be sure to wear appropriate clothing and do not carry objects or bags in a way that they can be caught in the wheels or chain. To keep the rider safe - do not bring your legs together (too close to the chain) more than necessary.
- Do not ride in weather that does not allow safe riding such as rain, puddles, strong winds, snow, etc.
- When stopping, use both brakes. Do not be content with one brake. Use both brakes together in order to maintain stability and achieve greater control.
- Do not ride under the influence of alcohol, drugs or substances that affect the rider's alertness.
- When riding, you must hold both handles, do not perform stunts and reckless turns without examining the area from all sides before proceeding.
- Please follow local and state regulations.
- Do not drop the bike on the ground (due to the sensitivity of the battery, motor and controller). The bike should be placed on the kickstand carefully.
- Do not jump or climb sidewalks on the road.
- Damage to either the spokes, wheel, or tires resulting from typical cycling injuries and accelerated wear of the battery which may result from travel with a curved wheel are not covered by the warranty.

Folding the Bike

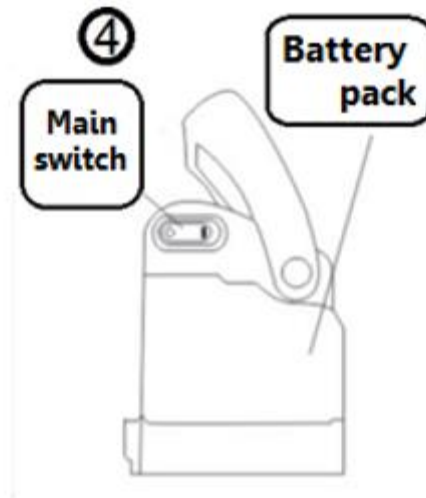
- The bike can be folded for storage at home or in the trunk of the car.
- The folding time is only 10 seconds. You can get a demonstration at the point of purchase or watch a tutorial video on our site GreenBikeElectric.com

Before You Start to Ride

Raise the seat as shown in Figure 3 and insert the battery into place and lock it.



Picture 3



Picture 4

Bicycle operation

Press on the button that on the head of the battery

Then press on the on/off button on the display

Pedal Assist and throttle mode operation

Throttle mode

When using the throttle mode there are 2 different speed levels – to get to the highest speed (up to 20mph) press on the mode button until it gets to the high led – then click 1 more time , the green led will start blinking then you are on the fastest throttle mode

PAS mode

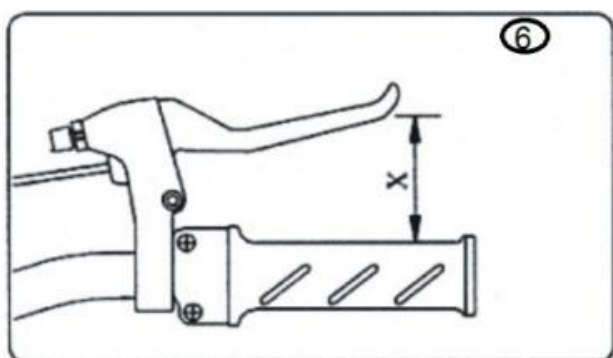
When using PAS mode , there are 5 assist levels .

Short press on the “mode” button will change the speed mode

The Electrical System is Now Ready!

- Fold the kickstand from the ground, then sit on the seat. Put one foot on the pedal and the other on the ground.
- Now, start pedaling and the engine will go into action. There will be a faint rustle of the pass-through.
- To maintain battery life, do not use it until its end. When the battery meter flashes, turn off the power switch and use the pedal as a regular bicycle. After recharging, you can ride again with the electric motor.
- Back Injury: The rear of the bike is not intended to carry people. Maximum load is up to 25 kg, and the luggage should be tied with straps and tested during riding.
- Park in a safe place that is not an obstacle to vehicles or pedestrians. Place the bike on the kickstand, disconnect the power with the main switch and pull the key out of the lock.
- The bike must be locked with a massive lock and difficult to steal. It is recommended to **take the battery with you.**
- Charging: The battery must be charged only with the charger supplied with the bike. A lithium battery is only charged by a charge to lithium batteries and not by other charger. **The battery must be charged with GUANZHOU ELECTRONICS CORPRATION P / N; S12**
Charging with a different charger can damage and void battery warranty.
Do not open the battery or charger for testing or repair! **Bring to repair shop for testing!**
- Charging takes up to 6 hours, depending on battery status. The battery can be charged both on and off the bike.
- The charging cable must first be connected to the battery and then to the mains socket.
- When the charge indicator light is red, the battery is charging. When the charge light turns green, the battery is full and must be disconnected from the power source. When charging, the battery must be properly positioned and not fall or be damaged.
- **The charger becomes hot during charging. Keep it away from any flammable materials and keep the vents unblocked**
- Be sure to properly dispose of dead batteries at proper recycling plants and do not throw away in the trash.
- Before beginning the ride, check that all the indicator lights are working and the battery is locked in place.
- Check that the electrical contacts of the battery are always clean. Clean with a dry cloth without moisture.
- Check tire pressure regularly (40 PSI). Poor pressure will cause overuse of the battery and shorten cycling time.

- Do not drive in puddles. If water enters the engine, the controller or the battery house may become damaged. Water damage will void the warranty provided by the manufacturer.
- *Store the bike in a dry place. Moisture causes corrosion! **Do not leave the bike in the rain.** Immediately treat the corrosion with suitable oil! Water penetration into the electrical mechanisms will void the warranty.
- Do not put the bike in the sun especially when leaving the battery installed on the bike.
- Do not disassemble the electrical parts. Disassembling them independently will void the manufacturer's warranty.
- It is important to lubricate the moving mechanical parts such as the wheel hinges, transmission and gears, cable connections to the brake pads, etc. Do not lubricate the electrical parts themselves!
- Brake maintenance: The right brake is responsible for braking the rear wheel. The left brake is responsible for braking the front wheel. Always check if the brakes are normal and are optimally tuned.
- An unintentional braking creates unnecessary and harmful resistance to the bicycle and the life of the electrical system!
- In picture 6 you can see a stretched handle in optimal position.



In addition, you can access any authorized bicycle shop to handle the mechanical parts of the bike but not the electrical parts.

The electrical parts can only be handled by a workshop authorized by the importer.

**National safety regulations must be obeyed.
The bike is designed for riding in the city and in riding paths.**

For your safety, please wear a helmet!



Any change to the bike without the importer's approval will result in cancellation of warranty!

Proper maintenance should be upheld by the bike owner:

Bicycle Cleaning

For the bike to serve you properly, you may want to clean it of sand and mud. If you cannot clean the entire bike, it is necessary to clean the drive systems (chain, wheels front and rear).

- **Cleaning frequency:** once in three or four significant rides or after each ride where the bike returns with sand or mud. You can use sponge and water bucket, solvent for grease, kitchen dishwashing sponge, rags, special brush with hard fibers.
- **Rinse:** Rinse all parts of the bike using a sponge. The hard brush is designed to remove heavy dirt from the wheels, pedals, etc.
- **Drying:** Dry the bike with the rags and place them in direct sunlight until fully dried (preferable if not washed at night or in stormy weather). Immediately after washing and drying, lubricate the chain. It is recommended to clean brakes with a dedicated material for brakes.

Mechanical and Electrical Components		Electronic Specifications	
Frame	100% Aerospace aluminum 6061	Motor : 350 Watt Brushless (High Speed)	
Type	folding electric bicycles		
Tires with light reflectors	20" X 2.12.5		
Rims	100% double-sided aluminum	Controller : (PAS) "Smart" controller - computerized with pedal assistance according to the European standard	
Front brake	V brake		
Rear brake	V brake		
Gears	Transmission 6 Made by 		
Front fork	Solid	Battery: 36Volts 10.4 Amps Lithium Ion	
Ergonomic seat	Wide adapted for urban electric ride with shock absorber	Intelligent Charging Charge (Computerized Control) 1-6	
Front and back lights	LED switch with control switch Built-in electric horn	The "Crank" axis is made by 	
Fenders	Aviation aluminum 6061	Performance	
Crank	Nickel-plated aluminum arch	Mph set according to standard 19.5 mph maximum speed	
Chain	Stained stainless steel	The driving range is up to 40 miles per charge, subject to road conditions for a person weighing up to 155 lbs. at 15 mph	
Kickstand	100% steel	Net weight: 41 lbs.	

Lithium Li-On Battery 36V-10.4Ah made by LG

Charger model 36V 110V- 2 Ah

Made by Guangzhou Electronic Corporation

Common Problems and Solutions

• Problem 1: After turning on the main switch, the lights do not turn on and the bike does not move electrically.

o Cause: The battery poles are not properly connected or a fuse is burned.

Solution: Check the battery contacts if they are dirty and should be cleaned. If the problem is not resolved, check the battery fuses.

• Problem 2: After turning on the main switch, the lights turn on but the bike does not move with power:

o Cause: Check if the wires coming out of the controller are well connected (only to be handled by an expert technician)

o Solution: Make sure cable connections are stable and strong. If the problem is not resolved, check for a break in the wires coming out of the controller.

• Problem 3: The motor rotates on its own after opening the main switch.

o Cause: The controller is malfunctioning or there is a short circuit in the electrical system or disconnection of the wires.

o Solution: If there is damage to the controller, contact the diagnostic service center and / or replace the controller.

• Problem 4: Engine power is low, travel distance is not satisfactory even after full charge

o Cause: Tire pressure is too low. The pressure is 40 PSI and / or a large portion of the ride is on the rise or against the wind. The battery may be old and weak or a curved wheel is inhibiting the brake discs.

o Solution: Add air to the tires to correct pressure and / or replace the inner tube. Check if the brake is on the wheel and release. Wheel balancing may be required in a professional workshop.

• Problem 5: When charging the plug does not go into the outlet and / or the charging indicator light does not turn on.

o Reason: a. There is no power supply from the power source at home due to the automatic fuse or power failure. b. The plug is not properly inserted into the socket.

o c. The fuse is burnt or the charger is damaged.

o Solution: Check the socket plug connection, replace the power supply source to another outlet. If the problem is not resolved, bring both the charger and battery to the service center for diagnosis and repair.

• Problem 6: The charger is connected to the battery but the indicator light is off.

o Cause: A 15-amp fuse of the battery house is burnt or the connection to the battery outlet is improperly charged.

o Solution: After testing the power source (wall outlet) or replacing the charger, the charger and battery must be brought to a service center.

Remember:

Do not allow another rider on bike.

Disconnect the charger from the power source at the end of each charge.

Do not leave a bike / battery charging unattended.

The bike is a vehicle – Ride wisely and carefully

Always at your Service!



Dear Client,

Green bike – Electric Motion. welcomes you on the purchase your new Cycoo Spirit! We are happy to be at your service for maintenance and fulfillment of manufacturer's warranty if necessary.

Please carefully read the following warranty conditions.

The warranty provided by Greenbike Company is a comprehensive warranty for all mechanical assemblies and all electronic components of the bike provided that the fault is caused by reasonable use and the bicycle is maintained according to the user manual alone.

Please consider the following-

* The warranty will enter into force only after "activation" on the company's website, while filling in all the details as explained on the web page GreenBikeElectric.com within 30 days of purchasing the bicycle.

* The warranty for the frame, motor controller and the battery is 12 months.

The warranty is contingent on the existence of a warranty certificate signed by the store where it was purchased with a purchase receipt stating the serial number of the frame and battery.

* The warranty will be canceled if electrical or mechanical changes are made without the written permission unless by a certified **Greenbike- Electric Motion** technician, including battery replacement / opening, or change in any other component.

*The warranty will be **canceled** if the use is unreasonable and not in accordance with the instructions: in the event of a crash due to accident or fall, in the event of neglect of the maintenance required, in case of natural damages, in the event of exposure of the bike to humidity or heat without adequate protection from rain, mud and direct sunlight.

* The warranty will be canceled if a non-original charger is used to charge the battery.

* The responsibility for the components of the electrical system will be canceled if mechanical condition resulting from poor use or maintenance or the manner of use contributed to the load on the electrical system. (Eg ... a curved or broken wheel)

* **Green bike - Electric Motion is not responsible for any damage caused to a third party as a result of the use of an electric bicycle or any damage caused to the rider as a result of an accident or use contrary to the instructions of the User's Guide, including indirect damage or expenses incurred by the cyclist .**

Further Clarification of the Warranty

* The warranty does not include the maintenance, direction or replacement of parts resulting from reasonable wear or use of bicycles. Including internal replacement in the event of a flat tire, worn tire, pads, cables, a disc brake or any other part whose wearout results from wear and tear.

* The warranty does not include the replacement of a part or repair resulting from external trauma or a fracture resulting from an accident or a fall, including , pulling cables from the electrical components, abrasion of the power cord, short circuit from the national electrical system . Or any damage caused by an external blow

* **Green Bike- Electric Motion** reserves the right to decide whether to replace the damaged part with a new or renewed one at its discretion.

* **Green Bike- Electric Motion** reserves the right to cancel liability and refuse to provide service in the following cases:

- If the customer refuses to perform maintenance or repair that may endanger the rider including a paid repair (eg brakes)

- **In any case of verbal violence or other violence against a Greenbike – Electric motion employee or distributor**

The warranty is given at **Greenbike- Electric Motion** workshop only or at a authorized workshop approved by Green Bike – Electric Motion , during the hours of operation, according to the work procedures, response times and pricing available to the customers in the website :

www.GreenBikeElectric.com . The responsibility for transporting the bikes to the workshop and returning to the customer's home is the customer's responsibility only and at his own expense

For any questions or requests for clarification or reporting, please contact us:

Green Bike – Electric Motion LLC

Main Office: 7057 Reseda Blvd ,Reseda CA 91335

Phone: (818) 578-3665

Email: office@GreenBikeElectric.com

Website: GreenBikeElectric.com

Warranty

To: **Green Bike – Electric Motion** ,

I hereby inform you that I purchased Cycoo Spirit model

In the shop _____ Street and number _____ City _____

Invoice No. _____ Date of purchase _____.

Serial number of the bike (the number is stamped under the handlebar) _____ (7 digits)

Serial number of battery _____ (last 4 digits)

I will ask you to activate for me the warranty for the bike I purchased

Buyer Name _____ Family Name _____
_____ Cell _____

Email _____

I confirm that I received a safety and maintenance briefing and that they gave me a 'User's Manual'.

I confirm that I have read the manual. Customer's signature

Thanks for joining the green revolution of Green Bike – Electric Motion .



www.GreenBikeElectric.com