

ELECTRIC SCOOTER

USER'S MANUAL



Instruction Guide Book

Dear customers:

Thank you for your purchasing of our electric scooter, we believe you will enjoy the easy life with our product, its good performance and quality will help you get one easy and happy trip.

Thank you again for your trust and belief in our company, our development can't be separated from your support and trust.

We insist the principle of customer first and service first.

We will build a free and beautiful life with the strength of science and technology, achieve higher production standards and higher product quality, and strive to become the industry leader.

Please read the instructions carefully before using this product and pay special attention to safety instructions. Please keep this manual in case of future need. In particular, please contact our authorized distributor or our technical service center in case of any doubt about the use of our special components.

Our dealers will be dedicated to provide you with timely, efficient and qualified services.

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Warning (1)

1. Battery is prohibited to access to fire sources, corrosive objects and flammable and explosive sites as far as possible.
2. Do not dismantle the lithium battery box without permission, so as to avoid damaging the battery by shorting the output terminal of the battery.
3. It is strictly forbidden to connect the positive and negative electrodes of the battery with wires or conductors to avoid unnecessary danger and damage to the battery.
4. Batteries must be handled gently to avoid falling from the air—damage the shell and have accident risks.
5. Batteries should be charged in a dry, ventilated environment, avoid wet, flammable and explosive environment.
Lithium battery charger is forbidden to disassemble and decompose.
6. Neither charger nor battery box should be covered with anything to avoid poor heat dissipation and damage to chargers and batteries.
7. Keep the charger far away from children.
The charger is strictly forbidden to carry with the scooter. The charger can not be recharged without warranty because of carrying with the scooter.

Warning (2)

1. Disassemble the scooter body casually, will cause potential dangers to your electric scooter.
2. Avoid running on rough roads, tracks, stone roads and staircases.
Check and confirm brakes, frames, handle-bars, wheels, saddles, etc before riding to avoid accidents.
3. Do not add oil on caplier brakes and disc brakes to avoid the brake failure which can bring dangers.
4. Do not hang heavy objects on the handlebars so as to avoid unnecessary accidents due to runaway operation.
5. Scooters are suitable for riding alone. It has limited energy, if overweight driving, they can cause hidden dangers.
6. When riding on a rainy day, you should wear poncho, do not use umbrella. When driving, please consciously abide by traffic regulations.
7. When riding, please wear helmets and other protective clothing, and pay attention to riding safety.

Before-Riding Check

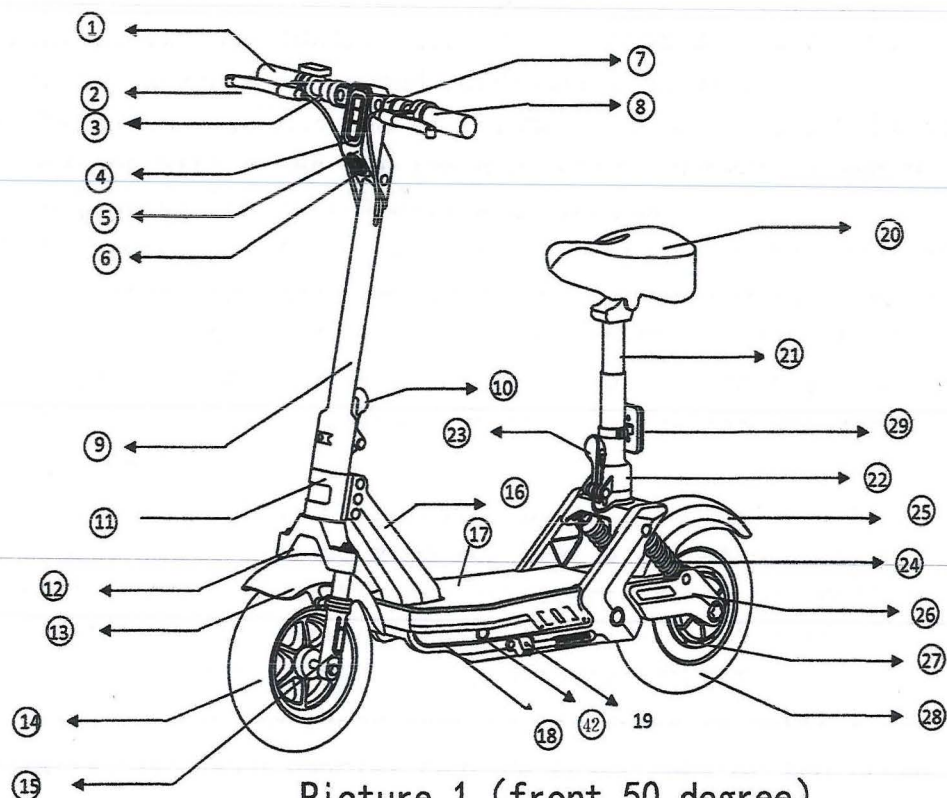
1. The saddle must be adjusted in a comfortable and safe position.
2. The indicator must be correct, the lights and speaker are working normally.
3. The brake handle must be sensitive and normal, check if the motor's electricity is cut off when braking.
4. The speed handles must be flexible and normal, without clearance and loosening.
5. The volume of the front and rear tires must be adequate and the wear is normal.
6. There is no sticking phenomenon in the rotating parts.
7. The front axle nuts must be tightened and have no loosening.
8. Back sides nuts must be tightened and have no loosening. The reflector must be installed reliably and effectively.
9. Check whether the battery electricity is sufficient before riding.
10. The safety bolt of the folding rod must be fastened in place.

Riding Guide

1. Please do not ride before you read the instructions and the performance of the electric scooter carefully. Before riding, check carefully whether the parts are intact, so as to ensure your driving safety. If you find any problems, please contact us in time.
2. For the safety of you and others, please obey the traffic regulations. It should be in the slow lane area, do not take people; the electric scooter is not suitable for driving on the bumpy or steep road, when riding on this road, please ride slowly or get off it. Please ride slowly

- in the slippery area. Avoid riding on rain and snow days and on wet roads.
3. The scooter is available in rain while riding, but can not wade; if the battery compartment and the motor are flooded, it will damage the internal circuit of the motor.
4. The battery is affected by the temperature. When the temperature drops below 0 C, the energy of the battery may decrease, the mileage will be decreased by then. As the temperature rises, the energy of the battery will return to normal condition.
5. Leave the places where the air is wet, the temperature is too high or the corrosive gas is too heavy, avoid the long time sun exposure and rain, so as to protect the damage of the electrical components in the scooter to avoid the failure of the operation and the accidents.
6. For the safety of others, please do not lend scooter to who can not ride it.
7. When turning, please slow down and avoid sharp turn; pay attention to traffic indication signs; do not take people when riding, please use electricity indicator light to judge electric quantity (the longer mileage with more lights), if abnormal situation (brake failure, instant power break, brake without cutting off electricity, etc.), please get off immediately, check or send to our dealer's shops to repair. Do not keep intermittent ride.
8. When adjusting the saddle position, do not reveal the safety mark on the saddle tube.
9. Our scooter has the function of braking with power cutting off. The left and right brake switches can cut off the motor power to ensure the safety of riding.
10. When folding, the handle bar must be placed at the lowest point, the lock tongue will be extended and the rod can be folded.

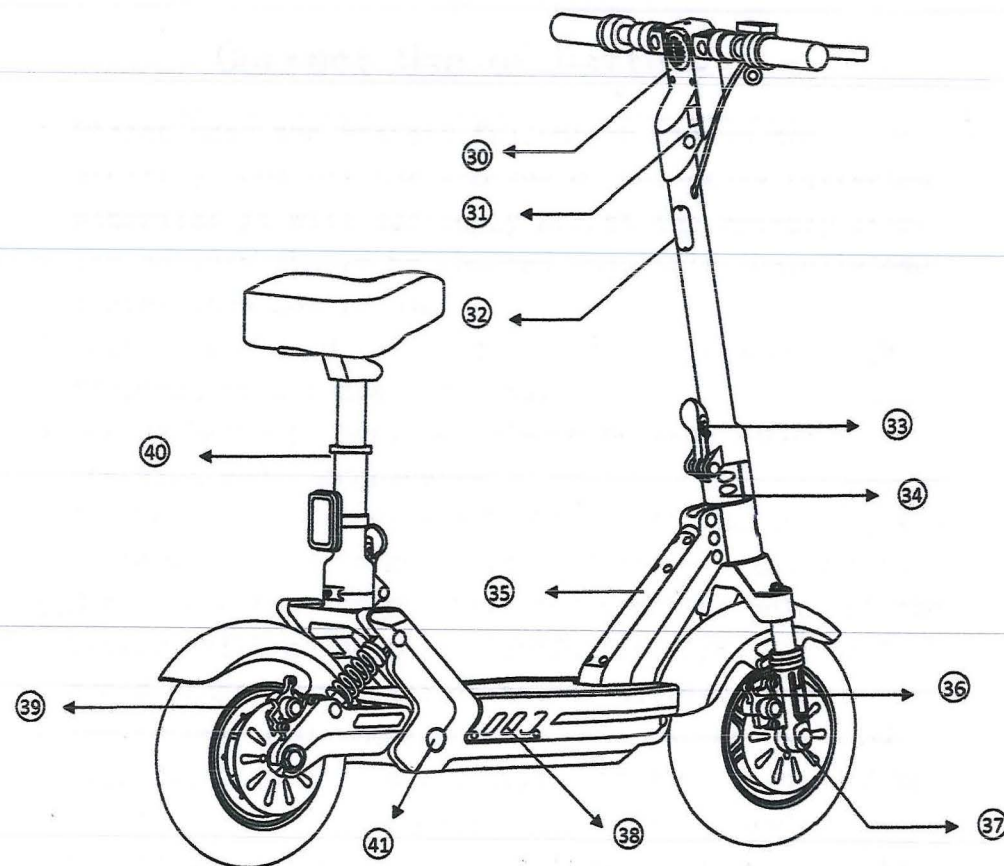
Structure



Picture 1 (front 50 degree)

1, speed meter 2, brake switch 3, folding pipe 4, head-light 5, lights circle 6, horn 7, lights holder 8, functions switch 9, front standing pipe 10, folding handle 11, 7 inch pipe 12, connecting plate 13, front mud guard 14, front wheel 15, front shocker 16, slash 17, footstep 18, chassis 19, foot support 20, saddle 21, saddle holding pipe 22, saddle branch pipe 23, back folding handle 24, rear shocker 25, rear mud guard 26, rear bracket 27, motor 28, rear wheel 29, rear lights 30, charging point

42. Charging interface



Picture 2 (rear 50 degree)

30, Bluetooth pack 31, USB point 32, wires-connecting point 33, handle button 34, tighten screws 35, plastic cover 36, front disc brake 37, front axle 38, decoration boards 39, rear disc brake 40, pipe clamp 41, middle axle

Correct Use of Charger

1. Charge immediately after the ride or showing the under-voltage. If placed for a long time, the battery must be fully charged and regularly replenished once a month. When charging, the power switch must be closed.
2. The charging place should be far away from children. It should be in a dry and ventilated environment to avoid moisture and keep away from inflammable and explosive materials.
3. It is necessary to use our company's dedicated charger, otherwise it will affect the battery life or damage the battery.
4. Please connect the notch of the charger to the convex point of the charging socket.
5. The maximum duration of the charge is not more than 18 hours.
6. It is forbidden to connect the charger to the AC power supply.
7. After the charging is completed, the AC power plug should be unloaded first, and then pull out the battery plug. Please be sure to operate correctly according to the above instructions. After charging, the charging port must be covered to prevent water.
8. Put the charger in a smooth position and put the charger outlet (low voltage DC end) into the charging socket according to the correct way of illustration. Then the charger output plug (220V end) is inserted into the AC power socket which is consistent with the voltage. The charger power is connected to the charger. At this time the charger's power indicates the red light is on, indicating that the power supply has been turned on, and the charging is started. When the charge indicator is turned green, the charge is completed.
9. The charger chosen by our company does not need to be grounded, but it is strictly forbidden to carry the charger on the scooter.

GPS meter handle operation guide

Global automatic GPS signal reception, display: speed, time, headlight, direction, power and mileage. Automatically convert time, no need matching controller.

1. It takes about 60 seconds to automatically receive GPS signals after started.






2. After receiving GPS signal, it will show present time (19:27 etc.), present speed (12 km/h etc.) and driving direction (S, N, E, W) with shining lights



3. 5 seconds after stop, it will show present mileage (03 kms etc.)



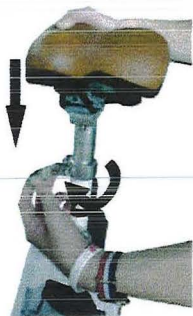
4. 3 minutes after stop, the speed handle will revert to standby mode; brightness will drop to 1/3.

5. QTY of electricity:  5 grids for full charge 
5.0 grids for power shortage  display driving lights.
6. Wires: handle wires (red, black, green), driving wires (white), lock wires (wires-IN, white-OUT)

7. Warnings

- 1) The time of receiving GPS signal will be different between plain building and the shelter (such as bridge holes, tunnel, indoor): it may be longer according to the specific environment.
- 2) Drive or stop under occlusion zones, the GPS signal will be weak, and the data will be abnormal.

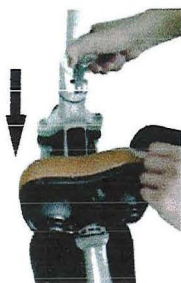
FOLDING STEPLS



1: Open the pipe clamp, put the saddle down 2: Open the back seat rod handle and fold forward.



3: Open the left and right handbar clamps and fold the handbar down.



4: Open the front standing pipe handle, and fold the pipe backward.

SPECIFICATIONS

MODEL	S1	48V E SCOOTER
Size	L1060*W590*H1020(mm)	
Foldable Size	L1060*W240*H530(mm)	
Wheel Base	800 mm	
Motor	48V 400W	
Load Capacity	120 KGS	
Max Speed	25 KM/H	
Battery	48V12AH Lithium battery	
Net Weight	23.5 KGS	
Mileage	52 KMS	
Climbing Degree	18	
Motor Rotation Rate	800 R/min	
Motor Torque	10 N M	
Input Voltage	110V/220V	
Charging Time	4-6H	
Brake Type	Disc brake	
Wheel Size	3.50-6 tubeless tire	
Body Material	magnesium alloy	
Digital Meter (GPS)	GPS speed, mileage, time, position	
USB Charging Point	5V 1.5A	
Bluetooth	MP3 music	
Head Light	LED(48V)	
Brake Light	LED(48V)	
Phone Holder	Colored alloy	
Rim	Alloy rim	
Packing	Carton Box	

Maintenance Knowledge

1. The recommended tightening torque of the main fastener of the vehicle (Unit: N.m)

Front Wheel	Rear Wheel	Saddle and saddle tube	Handle-bar stand / horizontal tube	core tube handle-bar	Front fork
≥18	≥30	≥18	≥18	≥18	≥18

2.Regular maintenance

A: check S: adjust D: replace L: lubricating T: tighten

Checking points	60 days	180 days	360 days
1. Rotate the handles, the accessories loose or wear	S、T	A、T	A、L
2. Whether the tire is inflated properly and whether the tire is worn or not.		A	D
3. Whether or not the front and rear axle gear, the shaft bowl, the shaft rod are worn out.	T	A、T	A、L
4. Whether the disc brakes is worn or not		D	D
5. Whether the rim is swinging or not.		A	A
6. Whether the frame and front fork are deformed		A	A
7. The effect of the brakes is good or not.	A	A	A
8. The position of the brake handles is appropriate or not.	S	S	S
9. Whether the reflector is contaminated or damaged		A	A
10. Whether the horn is loud or not, the headlights are bright or not.		A	A
11. Charger plug and the power cord is worn and broken.			A
12. Whether the height of the cushion is suitable	S	S	S

Removal of the common faults of the whole vehicle

No	Faults	Reasons	eliminating methods
1	No electricity in meter	1. Battery voltage is too low	Full charge the battery
		2. Fuse	Replace the same size fuse
		3. E key	Replace the e key
2	With electricity but motor isn't working	1. The battery-connecting wires loose	Check and connect tightly
		2. The motor wires plug or socket loose or damage.	send to repair center
		3. The accelerators loose	Check and connect tightly
3	Less mileage after one full charge	1. Tire pressure is insufficient	Sufficient pressure
		2. Battery is aging or damaged.	Replace battery
		3. Lack of charging or failure of charger.	Full charge or repair the charger
		4. More upwind and frequent braking or heavy load.	Ride on smooth roads
4	Charger is not working	1. Charger plug, socket loose or with bad contact	Tighten the plug and socket. Remove the dust.
		2. Charger is damaged	Replace the charger.
		3. Battery is damaged	Replace the battery.
		4. Battery set fuse	Replace the same size fuse.
5	The brake is not working	1. Serious wear of the brakes.	Replace the brakes.
		2. Clamp arm travel is big	Adjust the brake wires.
		3. Large clamp gap	Adjust brake block position
6	USB and Bluetooth are not working	1. Power input failure	Check the plug-in units and wires.
		2. Circuit board damage	Replace
		3. Plug-in units loose	Replace or repair
		4. Loudspeaker damage	Replace
7	Others	1. Can't exclude the faults with above guidance.	Contact the sales or repair center.
		2. Motor, controller, charger, battery packs damage	Don't open them by yourself or you will lose the repair guarantee from our company.