

LINGNIUS

TECHNOLOGY

Electric Scooter Ev Ultra

User Manual book



CE

IMPORTANT

PLEASE READ THIS BEFORE USING THIS PRODUCT

READ THIS FIRST

WARNING

This product does not conform to Federal Motor Vehicle Standards and is not intended for operation on public streets, roads or highways. Serious injury can result from the unsafe operations of this product. Operator can minimize these risks by using certain safety equipment such as: safety helmet, goggles, gloves, elbow and kneepads and appropriate footwear.

DO NOT operate this product in traffic, on wet, frozen, oily or unpaved surfaces or under the influence of drugs and/or alcohol. Avoid uneven surfaces, potholes, surface cracks and obstacles.

DO NOT use a water hose to clean this product. See Product Handbook for more information.

This product is recommended for riders 14 YEARS OF AGE and older.

SAFETY

- Persons without excellent vision, balance, coordination, reflex, muscle and bone strength and good decision-making capabilities should not use this product.
- Minors without adult supervision should not use this product.
- Persons unwilling or unable to take responsibility for their own actions should not use this product.
- The user of this product assumes ALL risks associated with its use. To minimize these RISKS, the user must wear safety helmet, goggles, gloves, elbow and knee pads and appropriate footwear.
- This product is ELECTRIC! DO NOT ride this product in wet conditions, puddles or rainy weather.

1.Products specification

SPECIFICATION	EV Ultra Lite 1000	EV Ultra Lite 1300 hill	EV Ultra Lite 1600	EV Ultra Pro 2000	EV Ultra Pro+ 3000
CONTROL MODEL	1000W brush 48V/12 A	special 1300W brush 48V/12 A	1600W brushless 48V/12A	2000W brushless 48V/12A	3000W brushless 48V/13A
MAX. LOAD	140kg	140kg	140kg	140kg	140kg
FRAME MATERIAL	High-tensile steel	High-tensile steel	High-tensile steel	High-tensile steel	High-tensile steel
BATTERY	4x12V 12ah lead-acid	4x12V 13ah lead-acid	4x12V 12ah lead-acid	4x12V 12ah lead-acid	4x12V 12ah lead-acid
RANGE PER CHARGE	25-30km	25-38km	30-35km	30-35km	30-35km
MAX. TORQUE	4	5	4.5	4.5	10
MAX. SPEED	35km/h	38km/h	45km/h	50km/h	65km/h
CHARGE TIME	6-8hrs	6-9hrs	6-8hrs	6-8hrs	6-8hrs
CHARGER VOLTAGE	110-240V	110-241V	110-240V	110-240V	110-240V
TIRE SIZE	QINGDA 145/70-6	CST 145/70-7	CST 145/70-6	CST 145/70-6	CST 145/70-6
FOOTPLATE	bamboo	bamboo	bamboo	bamboo	bamboo
FOLDING	yes	yes	yes	yes	yes
BRAKE	normal disc brake	normal disc brake	normal disc brake	hydraulic brake system	hydraulic brake system
TRANSMISSION	chain	chain	chain	chain	chain
SPROCKETS	11T Front / 70T Rear	11T Front / 71T Rear	11T Front / 70T Rear	11T Front / 70T Rear	11T Front / 70T Rear
Net weight w/ battery	55	56	55	55	58
SIZE FOLDED	135X 35 X 57CM	135X 35 X 58CM	135X 35 X 57CM	135X 35 X 57CM	135X 35 X 57CM
PACKING SIZE	141.5×34.5×62.5CM	141.5×34.5×62.5CM	141.5×34.5×62.5CM	141.5×34.5×62.5CM	141.5×34.5×62.5CM

2. Assembly of scooter

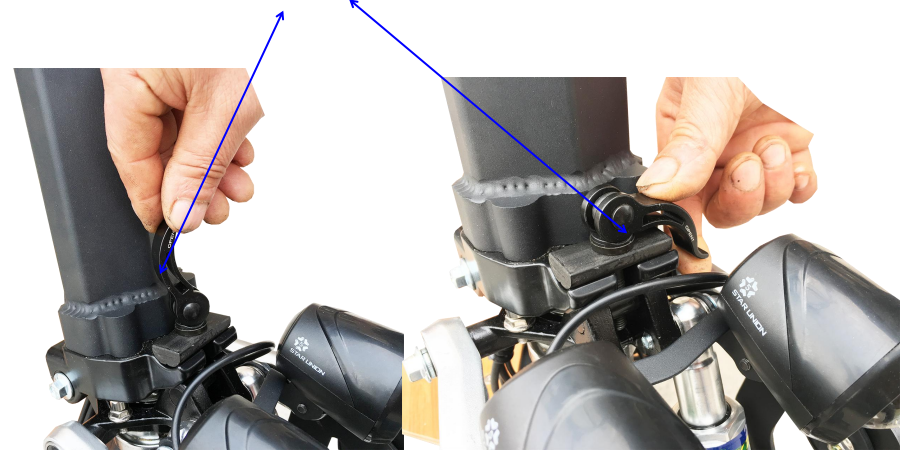
When user received the scooter, Carefully remove Scooter from the box making sure not to pull on any wires and grab metal only.



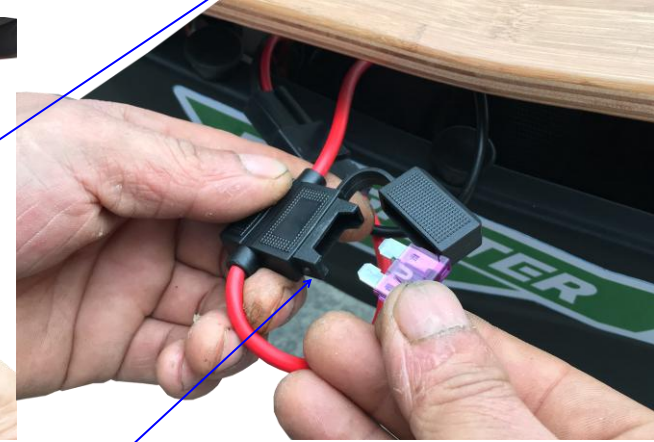
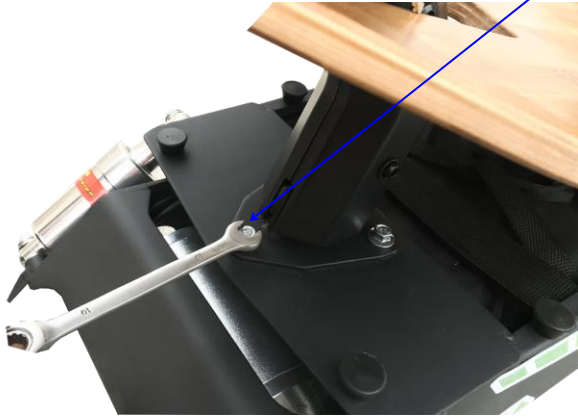
Assembly the handle bar by this 4 screws, make sure it is tighten enough.



Assembly the handle pipe, use the quick release clamp to tight it.



Assembly the seat pole and seat,tight the seat pole by 3pcs screws,adjust the seat height by this quick release clamp.



Put the fuse into battery box before you use the scooter.

2. Charging the scooter



Finally fully charge your scooter before its first use. Charge it until the red light on the charger turns green. After it is finished charging remove the charger.

Charge your scooter after every use. Never let it go completely dead and never charge it for any longer than 24 hours.

Please note: When you turn the key to the on position after a full charge. All lights will be lit on the scooter's throttle. Think of this like the battery level on a cell phone. As your scooter's battery level falls the lights on the throttle will go out. First the green light will go out, then the yellow, and finally you'll be left with just the red light.

4. Daily use and maintenance

Econo/Turbo Mode Button

The red button located on your throttle is your Econo/Turbo Mode Button. When this button is pushed in your scooter will be in Econo Mode and your scooter's power and speed will be reduced, but your scooter will gain more range per charge. When the button is pushed out your scooter will be in Turbo Mode. While in this mode your scooter's speed and power is greatly increase. However you will lose distance per charge while in this mode.



Kick Stand

When putting your scooter on its kick stand make sure you turn your handle bars to the right. Turning them to the left may cause your scooter to easily fall over.

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Tire Pressure:

Your tires have already been inflated to 4 psi. Please make sure to check your tire pressure at least once a month.



Handle pipe height adjustment

Turn the screw as below pictures to adjust the height of the handle pipe,do not unscrews it more than 3 turns.



Brakes

Check your brakes often,if the screws is loosen,tight it please.And change the brake pads when it's getting thin.



Chain tensioners.

When the chain getting loosen,use the tools to adjust the below chain tensioner to adjust it.



Attention!!

This scooter is a mechanical machine and must be properly maintained. Failure to maintain your scooter will result in damage to your scooter or injury to the rider. Your chain will become loose within the first few rides and will come off if not properly tightened and greased. Your brakes will need to be adjusted after the first 5-10 full rides.

Charge your scooter after every ride even if it was a short ride. Never try to completely drain your scooter's battery. You will damage your battery if it is not charged after every use. Keeping your battery topped off will insure a long battery life. **Never leave your charger plugged into your scooter for any longer than 24hours.** If the scooter will not be used for more than 30days please charge it at least once per month or fully charge the battery pack then remove it from the scooter and store it in room temperature. DO NOT connect your charger to the scooter if the battery pack is not plugged into your scooter. Always disconnect the charger before removing the battery pack and do not reconnect your charger until the battery pack has been plugged back into the scooter. Once your battery is at the end of its life please remember to RECYCLE IT!! Lead from SLA batteries is detrimental to the environment and poisons our water supply. Please consider replacing your battery with one of our non-toxic LifeP04 lithium batteries. It is a much higher quality battery and it will not pollute the environment.

NEVER GET YOUR SCOOTER WET. Water in the wrong place can damage electrical components and cause dangerous electrical malfunctions.

Parents please do not let kids lock up the back tire by applying the brakes to hard. Kids love to do power slides with scooters. This will cause slick spots on the tire and will also cause a flat. Also do not sit on your seat and put your feet on the deck with the kick stand down. You will bend your kick stand or break the kick stand stop bolt.

The kick stand is designed to support the scooter's weight; not the rider's weight.

CHECK ALL NUTS AND BOLTS. Vibration from riding your scooter will cause some nuts and bolts to become loose and even fall off. Please check for any loose nuts and bolts before each ride and tighten as needed. Important areas to watch out for are your rear sprocket, disc brakes, and motor mount bolts

Keep your Scooter's chain greased and tight. You will need to tighten it after the first couple of rides. You can use the same chain grease that is used on a bicycle. To adjust your chain simply loosen the shaft bolt that goes through the back tire. Then tighten the left and right chain tensioners with half turns equally. Allow some play in the chain. Do not over tighten. Failure to properly maintain your chain will result in your chain coming off and could even damage your chain and sprockets.

Be careful with your throttle: Some people (mostly kids) think that the harder you twist back on the throttle the faster you will go. However once the throttle stops DO NOT try to pull back on it any harder with the intentions of trying to make it go even faster. It will not go any faster after the stopping point. You will break the throttle by doing this. Check your Brakes!! Make sure there is no excessive drag on your front or rear tire.

Tighten them if needed or loosen them if there is heavy drag. Light rubbing noise from your brakes is normal as long as there is no heavy drag. Please refer to our how to videos on our website to see how to adjust your brakes. A slight shuttering is normal if you apply your front brakes to hard.

Separate your two keys. Our scooters are not all keyed the same so if you loose both keys you will have to replace the key switch.

Our Scooters are not Dirt Bikes. Jumping them or trying to do stunts with them will cause damage to your scooter and is very dangerous to the rider.

Our Scooters can handle light off road use. They will not handle being driving in thick sand, mud, thick grass, extreme inclines or anything else that may restrict the motor.

Noise from the front mono shock is normal! Due to the nature of this swinging style mono shock it will make a light clanging noise if you hit a bump. This lets you know that the shock is working.

Special note about ride time: The distance you can get on your electric scooter/skateboard depends on three factors, Speed, Rider's Weight, and Terrain. For example: a 200lbs man riding the 2000watt scooter/ skateboard full speed on flat terrain can expect to get roughly 8miles on one charge. If he rides at half speed he will increase his distance on one charge to roughly 12-14miles. To get full range "roughly 20miles" the rider will have to be less than 120lbs and only do 8mph or less on flat pavement... **All electric scooters' range is** calculated in this way, not just ours.