

**ELECTRIC BICYCLE  
USER MANUAL**

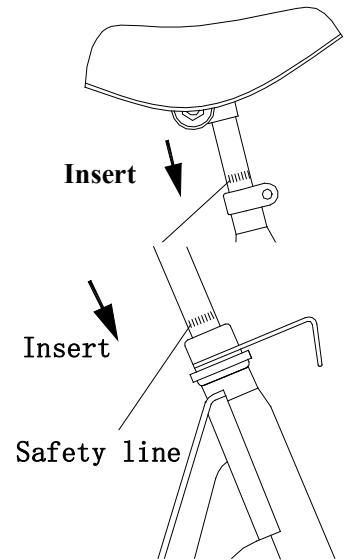


## Main Technical Parameters and Specification

<b>E BIKE URBAN</b>
Weight: 23 kg
Wheel size: 20"
Maximum speed: 25 km/h
Range: Up to 45km (with pedal assist)
<b>Battery</b>
Type: lithium
Voltage: 36V
Capacity: 9Ah
<b>Motor</b>
250W 36V
<b>Charger</b>
Input Voltage: AC100V-240V 50HZ-60HZ
Output: 42V/1.8A
Charging Time: 5~8h

## Please read! General maintenance and safety advice

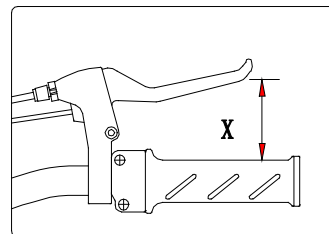
- 1) Users of E BIKE URBAN should observe local road and traffic regulations for standard bicycles in force in the country of use at all times.
- 2) Please read this manual before using E BIKE URBAN
- 3) Ensure that the power switch on the handlebar is switched off when the E BIKE is not use.
- 4) The seat post should not be raised beyond the safety line indicated. Please note that the tightening torque of the saddle's grip nut and post's clamping bolt is 18N.m.
- 5) The handlebar post should not be raised beyond the safety line indicated. Please note that the tightening torque of screw rod for handle and the torque of horizontal road fixing bolt is 18N.m.
- 6) Always check that the front and rear brakes are working correctly and that the tyre pressures are correct before riding E BIKE URBAN
- 7) The tightening torques of the front and the rear hub nuts are 18N.m and 30N.m respectively.
- 8) Do not wash your E BIKE URBAN with the battery charger connected to the battery whilst charging to prevent the possibility of electric shocks.
- 9) Do not submerge the battery in water. Do not ride your E BIKE through water deeper than 8" or 20 cm.
- 10) Do not tamper with the electrical control unit on your E BIKE URBAN. This could endanger the rider and will invalidate the warranty.
- 11) Approximately every 6 months it is important to clean and lubricate the front, back and middle axles, flywheel, and front forks plus other moving parts with a good quality grease.
- 12)



(insert seat post until safety line can no longer be seen)

## Quick start guide

- Charge the battery following the battery charging instructions below.
- Adjust the height of the seat and handlebars to your preferred position ensuring that you do not exceed the height safety line indicated on the seat post and handlebar post.
- Check that the tyre's have been inflated to the correct pressure and that the front and rear brakes operate correctly. Please refer to the section below explaining how to adjust the brakes as necessary.
- Install the battery in to the frame of the bike. Insert the key into the lock, press down the upper cover of the battery box, turn the key clockwise about 180 degrees and remove key.
- Next power on the P.A.S. (Pedal Assist System) A red LED will indicate that the



device is powered on.

- Use the + and – buttons to select the amount of pedal assistance required. The battery level indicator will inform you of how much power is left in the battery.
- Your E BIKE URBAN is now ready to use. Ride your E BIKE as you would a normal bicycle but as you pedal you will feel the bikes motor providing gentle assistance depending on the level of pedal assistance set.
- Please note: Your E BIKE URBAN has a range of up to 45km. Please note that this range will be determined by the amount and severity of slope on your route, the weight of the rider, correct tyre pressure, opposing wind and the amount of pedal operation by the rider themselves.
- To conserve battery power please ensure you switch the battery off when not in use.

### Driving without pedal assistance.

- It is possible to ride your E BIKE URBAN like a normal bike. To deactivate the PAS simply power it off and switch the battery off using the key.

## **Battery and charger safety advice**

- Please save this manual as it contains important operating and safety information about the battery and charger.
- Please read this manual before using the battery and charger, including the warning label on the charger and battery pack.
- Do not expose the battery charger to rainy or wet conditions or operate in temperatures below 0°C or above 35°C as this may damage the charger.
- Only use the charger to supplied to charge the battery supplied with your E BIKE URBAN. Do not use the charger supplied to charge any other battery.
- Do not attempt to lengthen the power cable supplied with the charger or to open and tamper with the charger in any way.
- Do not store the battery in an environment which could exceed 50°C - in the car in summer for example, as it may adversely affect the performance of the battery.
- Do not throw the battery pack into fire, as there is a risk of explosion.
- Only Operate the charger according to the INPUT and OUTPUT values marked on the rating label.
- Ensure that the battery charger is well ventilated and do not cover during charging.
- Store the battery in a safe and dry place when not in use. To maintain battery quality during long periods of inactivity, fully charge the battery every 2 to 3 months.

## **Charging the battery.**

Please note: when charging the battery for the first time, please charge for 10 hours to ensure that the battery is fully charged and conditioned.

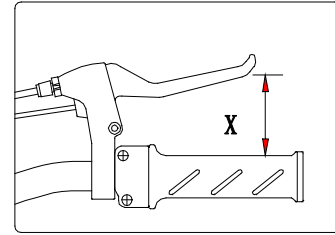
- Connect the charger to the battery.
- Connect the power plug of the charger to an appropriate AC outlet socket. The red LED indicator will illuminate to show that the charger is operating correctly.
- When the battery is fully charged the LED will turn from red to green.
- The battery will take up to 8 hours to fully charge depending on much charge was left in the battery before you began charging the battery.

## Adjusting the brakes

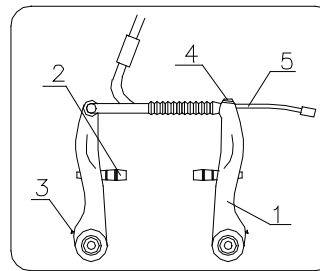
Examine the brakes on your E BIKE regularly to ensure they are working correctly as follows:

- Adjusting the front brake.

1.1 Check the right brake lever as per the picture. Full braking should be reached when the lever reaches the halfway point indicated by the 'X'



1.2 Loosen the screw on the braking cable seat as per the picture.. Then tighten or loosen the braking cable, enabling the average stroke between the two brake blocks and the rims so it is approximate 1.5mm to 2mm.



1. Brake arm
2. Brake block
3. Spring adjusting screw
4. Braking cable seat
5. Braking cable

- Adjusting the rear brake.

2.1 Check the left brake lever operates as per the right following the instructions above.

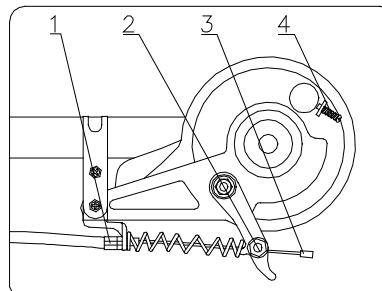
2.2 Adjust the inter-enlarge servo brake as per the picture bellow.

◆ Firstly, adjust the brake to meet the requirement in 1.1 and loosen the brake. Then, use the screwdriver to adjust the adjusting screw to touch the servo block. Tighten the brake handle to adjust the screw to have a gap (about 2mm) with the block. Continue to adjust the gap to be half of the original (about 1mm).

Keep on adjusting till the rear wheel runs agilely and the brake is effective.

Please note: Pay attention to the wear of the brake rubber-block. Please replace when worn to ensure that the brakes

on your E BIKE work effectively.



- 1 adjusting screw
- 2 Braking cable seat
- 3 Braking cable
- 4 fine adjustment screw

## Troubleshooting

	Trouble Description Causes	Troubleshooting Methods
The power LED is not illuminated and the bicycle doesn't start when the switch is turned on.	Poor contact between the electrodes of the battery box or battery seat.	Check for dirt on the electrodes of the battery box or seat, and remove it.
The motor runs immediately once the E BIKE is powered on. (Note: immediately power off the switch to avoid accident.)	<ul style="list-style-type: none"> <li>● The speed-adjusting handle is not reset.</li> <li>● The controller is damaged.</li> </ul>	<ul style="list-style-type: none"> <li>● Check whether the speed-adjusting handle is operating correctly and reset if necessary</li> <li>●</li> </ul>
E BIKE is slow when riding or pedal assist range is short	<ul style="list-style-type: none"> <li>● The tyres are not inflated enough.</li> <li>● Frequent starts, hills and slopes on route or riding against the wind</li> <li>● Battery capacity is in decline or there is a fault with the battery</li> </ul>	<ul style="list-style-type: none"> <li>● Check tyres are properly inflated</li> <li>● Increase the amount of pedaling independent of PAS while riding on flat areas.</li> <li>● Replace battery with the new.</li> </ul>

### IMPORTANT!

- We reserve the right to make modifications to E BIKE without prior notice.