



For Ecstasy SERIES

**City e-Bike**

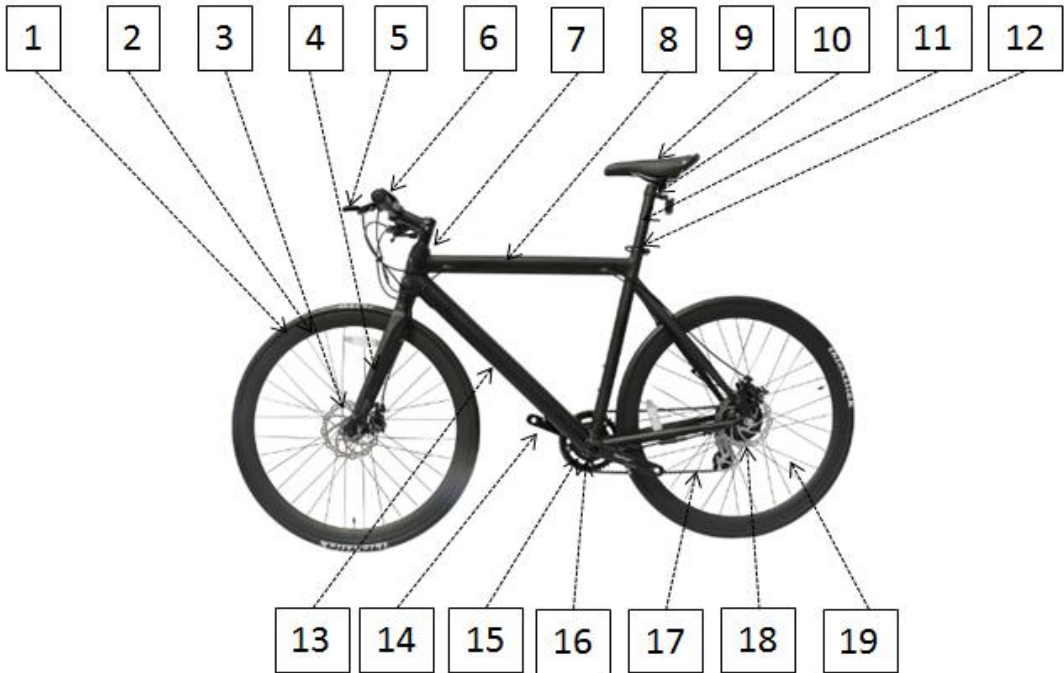
**Operation Manual**

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PARTS



- |                |               |                 |                |
|----------------|---------------|-----------------|----------------|
| 1. Tire        | 6. Handlebar  | 11. Seat tube   | 16. Controller |
| 2. Rim         | 7. Head tube  | 12. Clamp       | 17. Chain      |
| 3. Brake       | 8. Frame      | 13. Battery     | 18. Motor      |
| 4. Fork        | 9. Saddle     | 14. Pedal       | 19. Spoke      |
| 5. Brake lever | 10. Seat post | 15. Chain wheel |                |

Plug      On/Off      USB power output      Light charge/riding



## ATTENTION

1. Before riding, please read this instruction manual carefully and check if every part is working well and the bike is assembled correctly. If you find anything unusual, please contact the **Rolling** seller.
2. It is responsibility to be aware of the laws that are applicable in your country. Please abide by local law and standards for the helmet, reflection, lighting system, and so on.
3. Our electric bikes are waterproof, but please do not submerge any electric components in water. Water entering any electric components can cause a short circuit and damage the electric components.
4. Do not dismantle your **Rolling** bike by yourself. If you need to change any part, please buy our standard parts from your local dealer or contact if your parts are not available for you.

## HOW TO USE THE **Rolling** BIKE

### 1. Checking before riding

To ensure your safety, please check your e-bike as detailed.

- 1.1. Check whether the tire pressure is pumped to the recommended pressure limit.
- 1.2. Check whether the brakes work. Your e-bike should come to an immediate stop on flat terrain. Make sure your brakes do brake sharply also on downhill slopes.
- 1.3. Check the condition of handlebars, tires, cranks, pedals, saddle and other important parts. Check if all parts are screwed on tightly.
- 1.4. Check that there is no noise while riding your bike.
- 1.5. Adjust the seat to appropriate height. Make sure the mini insertion line of seat post in the seat tube. After you set on the saddle and thread on the pedal flatly by heel, when pedal is at the lowest position, legs slightly stretch and at this time it is the most suitable height; if the rider can on the pedal only by toes or legs cannot stretch slightly, fatigue and sport injury will be caused, so there is a careful need for adjustable of the weight of the seat post.
- 1.6. Wear helmet to keep your head in safe.
- 1.7. Screwing torque recommended:
  - Handlebar, fork and Stem: 4 - 5 n.m.
  - Seat and seat post: 18 - 20 n.m.
  - Front wheel: 20 - 25 n.m.
  - Rear wheel: 30 - 35 n.m.
  - Crank seat: 30 - 35 n.m.

### 2. Start your e-bike

- 2.1. Turn **on** the battery inside the down tube, and then press the "**M**" button for **3** seconds on the display. The LCD display will turn on.
- 2.2. Re-charge your e-bike on time. Latest when there is only one bar of power left on the display.
- 2.3. Choose the appropriate assistance level by using the up and the down buttons on your display. The motor will assist you once you start pedaling.



- 2.4. There are 6 levels of assistance on the display. The motor will provide assistance in the range 0% to 100%.

### 3. Notes during riding

- 3.1. Frequent braking and again accelerating will deplete the battery faster.
- 3.2. According to the law in local, the speed limit of the bike is 25 m/hour.
- 3.3. The motor will stop assisting once you stop pedaling.
- 3.4. Your e-bike rated maximum load is 120 kg including rider, do not overload.

### 4. Notes for stopping

- 4.1. Turn off the display or the battery in case the crank arm keeps turning while you push the bike. The motor would star suddenly which may lead to an accident.
- 4.2. For your safety, please maintain and clean your **Rolling** e-bike regularly.

## ABOUT THE BATTERY

### 1. How to use the battery

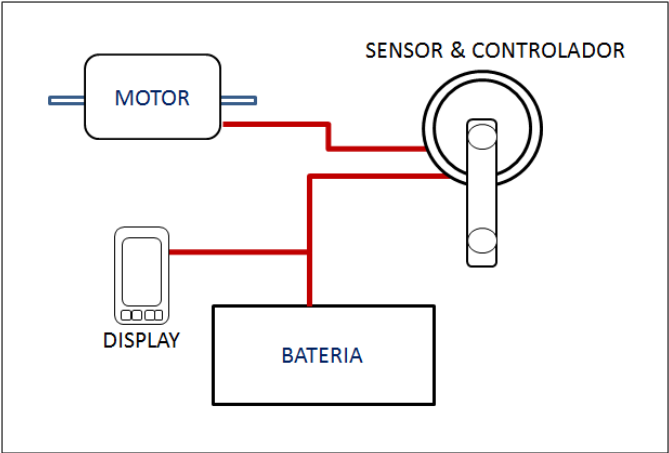
- 1.1. Charging: Park the Rolling e-bike where an electric socket is available.
  - a) Insert the round charging plug of the charging hole in the down tube, and then,
  - b) Link the other side with a 100-220 Volt alternating power.  
When the light on charger turns **red**, it means it's charging, when it turns **green**, the charging is finished, the battery is fully charged.
- 1.2. It takes 3-5 hours to fully charge an empty battery. When the charging is finished,
  - a) Unplug the electric plug first, then,
  - b) Unplug the charging plug connected to the e-bike, in that sequence.
- 1.3. This is a Lithium battery, it has no memory effect, so you can charge or discharge anytime, in normal circumstances, and the battery can be used for more than 2 years.

### 2. Notes for charging

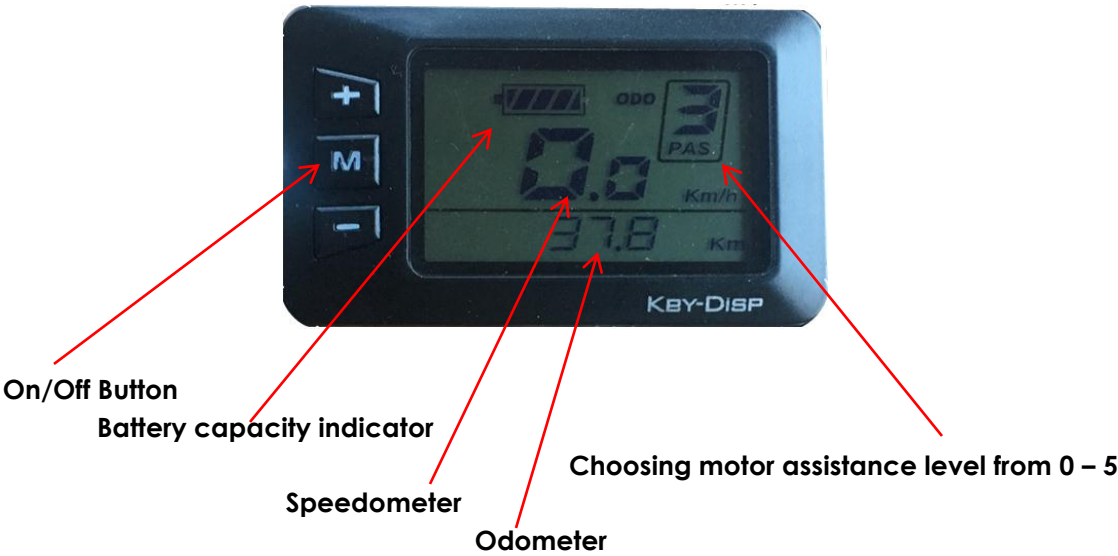
- 2.1. Please charge the battery in a safe place.
- 2.2. To protect the battery, only use the original charger. Please also do not use this charger to charge other batteries.
- 2.3. The charger contains high voltage circuit, **do not dismantle it**.
- 2.4. Please avoid any liquid and metal filing from falling into the charger. Please protect the charger from impact, never let it drop or let drop objects onto it.
- 2.5. Do not cover the charger when it is charging.
- 2.6. Please keep and use our charger in a dry and breezy environment.
- 2.7. During charging, if the charger emits any smell or it becomes excessively hot, please stop charging and send it your dealer for inspection and repair.
- 2.8. Do not use the charger in the place where near the heat source or direct sunlight, in wet place, high temperature, inflammable or flammable condition



CIRCUIT DIAGRAM



ABOUT THE DISPLAY functions:



## MAINTENANCE

### **1. Regular maintenance and self-checking**

- 1.1 Lubrication is an important part of every e-bike maintenance. Front axle, bottom bracket, cassette sprockets, chain and shift pivot of fork needs scrubbing regularly and add lubrication oil according to your requirement.
- 1.2 Check the break system regularly. When anything you are not sure about, contact your dealer. The braking length would be increased when there's rain or snow.
- 1.3 Checking the fixing condition / screws of every important part regularly, when any parts are loose, please tighten it.

### **2. Explanation for maintenance and cleaning**

- 2.1 Washing your e-bike with a hose or high pressure hose is not possible, because it will cause failure or even accidents caused by damage of electronic components and circuits. Do not rinse the electrical parts of your e-bike, use a moist cloth only.
- 2.2 Please use natural detergent and use a rag to clean its surface gently, finally clean the bike with a dry cloth.
- 2.3 Give your e-bike's metal parts a cleaning finish with lubricant oil.

### **3. Maintenance of battery**

- 3.1 When the e-bike is not used for a long time, you should charge it every 3 to 6 month to protect the battery. Be careful, an empty battery can be self-discharge quickly. When left alone for an unlimited time any battery will discharge it and break and cannot be charged any more.
- 3.2 Clean visible oxide on the plugs metallic part or change a plug if the plug becomes hot during charging. Long time heating will lead to a short circuit and damage your charger and battery.



## IMPORTANT INFORMATION

1. The battery's performance can be effected by its environment. Generally speaking, battery's discharge performance is better in a higher temperature. Electric power will drop by more than 1/3 when the temperature is below 0°C. Thus, this e-bike's riding distance per charge will become shorter in winter or cold areas. It returns normal / optimal when the temperature is higher than 20°C.
2. Do not put any metal objects in charge hole or battery circuit, it may cause short circuit or star a fire.
3. Do not dismantle or change any parts without authorization of the **Rolling**. Any loss caused by inappropriate use, misuse or dismantling can cause dangers to the rider where manufacturer or dealer cannot be liable for. Be reminded e-bike warranty can be affected too. In general, if you think there might be any problem with your e-bike, please contact your local dealer.
4. Speeding especially on downhill can be dangerous. Slamming brakes at high speed might cause the bike to skid and lead to a road accident.
5. Oil in the brake pad's or rim's surface can or will put brakes out of order. This can cause danger and accident. Beware of this.
6. Do not hang anything on the handlebar during riding, check whether the display and light are fixed to avoid failure in operation.
7. This e-bike is fit to be ridden by one person only, do not carry a passenger.
8. To protect your battery and avoid danger, do not connect battery's positive and negative side with one another or any conductor.
9. Adjust the brake caliper position each month; change the brake pad each half year or one year to keep the brake function in good condition.
10. The front wheel is fixed with the fork by quick release lever. Make sure the handle can be pressed tight. If not tight, unscrew the nut then press again until the handle is tight after lock. Please regularly check the rims of bike, especially for the caliper brake, that avoid the regularly using brakes causing the rim edge thinning and affect the strength of the rim, resulting the tries blowout and result the user's injury.
11. Do not drink and ride. Do not ride when taking medicine or when you are feeling well.





# TO FIX SOME EASY FAULTS

ITEM	FAUL	CHECK FOR THE REASON	WAYS TO ELIMINATE
Problem of Motor	Motor is not working	1. Run out of battery	1. Charge the battery
		2. Controller is broken	2. Repair or replace
		3. Motor was too hot	3. Wait a few minutes
	Motors works intermittent	1. The connector of motor is loose	1. Reconnected the motor
		2. Voltage of the battery is too low , the controller stars low-voltage protection	2. Charge or replace the battery
	Motor is powerless	1. Line resistance is too huge	1. Check and repair the circuit
2. Voltage of the battery is too low		2. Charge or replace battery	
3. Motor is damaged		3. Replace the motor	
Problem of Battery	Short time of charge and discharge of battery	1. Failing in charging by charging voltage	1. Dealing as the method for charger
		2. Decline of battery capacity	2. Replace the battery
	Battery has developed any kind extended shape	1. The temperature of charging environment is to high	1. Charge in a ventilated place
		2. The charge's output voltage is too high	2. Check whether the output voltage of charger is correct and works right
Problem of Charger	The light on charger is not working	1. Fuse for input in charger is broken	1. Change fuse
		2. Lose power supply of the socket	2. Check the outlet, make sure the power is there
		3. The connector of indicator light is lose	3. Reconnected
		4. The indicator light is broken	4. Replace indicator light
	The green light is not lit after 5 hours charge	1. The charging voltage is too high	1. Replace the charger
		2. Battery is damaged	2. Replace the battery
		3. The indicator light of the charger is broken	3. Replace indicator light
	Red and green lights go off quickly when electricity is	1. Charger is coil shorted	1. Check the value of resistance
2. Rectifier tube is broken		2. Replace or repair	



## WARRANTY

If there are any problems with your e-bike, please come to your primary dealer or to the manufacturer with original documents.

### Warranty scope

Any fault caused by the condition below is not the warranty scope:

1. Use or maintain the e-bike outside the scope of use and utilization.
2. Any damages caused by human factor.
3. Using our e-bike for other use or dangerous acts.
4. Dismounting any parts manufacturer's permission.
5. Use other parts not compatible to manufacturer's original parts.
6. Damages caused by traffic accident and other accident.
7. Riding on an improper road.
8. Used for business rental service.
9. Natural disaster.
10. Repair e-bike at the place not specified by us or not qualified dealer.
11. The quality guarantee is regarded as invalid if it is not sealed by dealer or filled in date of purchase, frame number and battery number.
12. Please show your quality guarantee, if the quality guarantee is altered, you will not have the right guarantee.
13. Do not use e-bike on steep hills riding upwards; it makes the motor getting too hot and controller shutting down the motor temporarily. When motor gets too hot because of too steep hills, do not repeat this process. Because the overheat shut down is an emergency shut down and is not to be repeatedly.
14. In a warranty case, the manufacturer has the right to keep parts which have to be replaced in order to assess the cause of failure.

**Warranty period of the e-bike 1 year.**

