

**ELECTRIC  
MOTORCYCLE**

**OWNER'S MANUAL**  
Original Instruction

## User Manual

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1 Note: Manual illustrations are for demonstration purposes only. Illustrations may not reflect the exact appearance of the actual product. Please read and understand the entire manual before allowing your child to use this product! Please read the manual carefully and check whether all parts are in good condition to ensure the safety of your child or your riding. If you find any problem, please contact the dealers in time.

2 Children should ride the bike under the supervision of parents or adults. Children should wear protective equipment (e.g. helmet, gloves, knee pads, elbow pads, etc.) when riding. Note that the bike is not intended for transportation.

3 The bike should be stored in a dry and ventilated place.

4 Please comply with local laws or regulations during the riding; Slow down and increase the braking distance when braking to ensure safety in rainy, snowy day and slippery areas;

5 Non-professional maintenance personnel are prohibited from disassembling and replacing parts. Adults are required to assemble and debug the vehicle, and children are not allowed to operate it.

6 Before riding, check whether the screws of all parts of the vehicle are tightened, whether the tire pressure is normal and whether the brake is normal.

7 When you find the battery is with electricity while the bike cannot be rode, please turn off the bike in time to avoid any damage to the bike.

8 When you get off or push, please turn off the bike power or take off the emergency power switch to prevent the sudden start of the bike and accidents caused by turning the throttle.

9 Do not allow hands, feet, body parts, clothing, or similar objects to come into contact with any rotating or moving parts. (e.g., wheel, motor, disc brake, etc.)

***10. This product is prohibited from being charged with a non-designated charger, and the designated charger for this product must not be used for other products.***

11 Warning! Users are reminded to be careful during the riding, as skills are needed to avoid falling or colliding which may cause injury to users or third parties.

12 Riding is prohibited on rivers, highways, places with heavy traffic, crowded places and other dangerous road conditions.

13 The battery can only be charged by adults.

14 The max load of this bike is 70kg;

15 Warning! The bike is designed for the children over 6 years old

16 Warning! Parents or guardians should ensure that children have received proper instruction before riding, especially regarding the safe use of brake systems.

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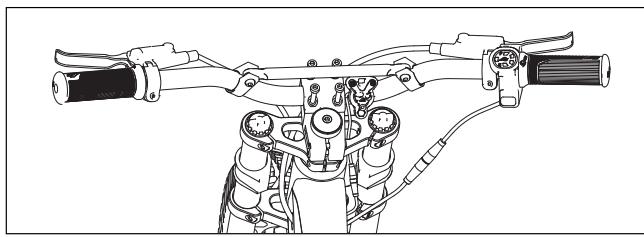
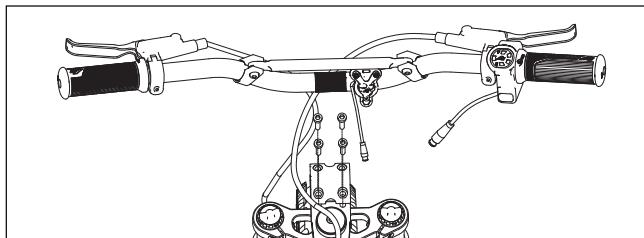
## 1. Bike assembling

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### 1.1 Handlebar assembling

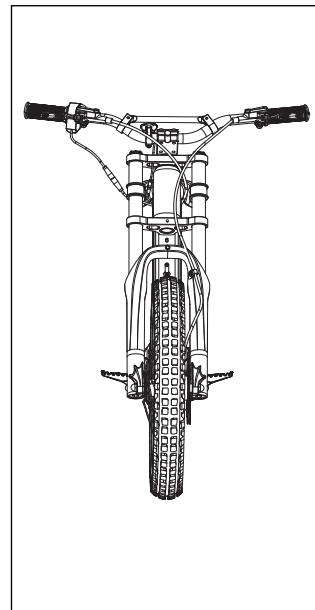
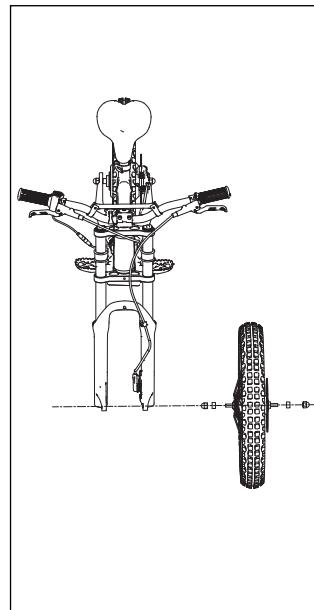
When you receive the bike, the handlebar and front wheel are disassembled. You need to install the handlebar and front wheel on the bike.

1. Use the M5 hexagon wrench to unscrew the four screws and install the handlebar to the mounting hole of the direction handlebar. Please noted that the middle of the direction handlebar is equipped with kularis, and the kularis should be in the middle and the transverse Angle needs to be adjusted.
2. The brake handle is about 45° horizontally down, and then tighten the four screws with the M5 hexagon wrench.



### 1.2 Front wheel assembling

Please lift the front fork, and the front hub axle is aligned with the axle hole on the lower part of the front fork. Please noted that the position of the disc brake piece should be on the side of the disc brake. The front wheel is installed into the front fork, and the fixed screws on both sides of the front wheel can be tightened with an open wrench.



## 2. Matters need attention

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### 2.1 Advice on the first ride

1. Wear protective gear before riding: helmet, riding clothes, riding boots, gloves, knee pads, elbow pads, goggles
2. On your first ride, you should adjust the speed mode and select one according to the road conditions and your cycling ability
3. This bike is not allowed to carry people;
4. The load of this bike is not allowed to exceed the specified load;
5. Take the emergency switch with you when leaving the bike

### 2.2 Safety suggestion

This product should be checked for potential safety risks before riding:

1. Whether the fasteners of the whole bike has any loosening.
2. Whether the tires have scratch and crack.
3. Whether the tire pressure meets the riding requirement.
4. Wear protective gear before riding: helmet, riding clothes, riding boots, gloves, knee pads, elbow pads, goggles;

### 2.3 Tampering warning

It is forbidden to modify the bike without permission, otherwise it cannot guarantee the safe operation. For examples:

1. Replace batteries or motors without permission
2. Replace fasteners without permission
3. Unauthorized replacement of frame structure

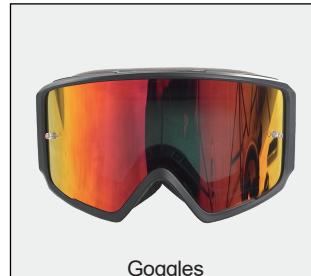
### 2.4 Safe operation

1. Children should not be out of sight of adults while riding
2. When the motor is overheated, wait for the motor to cool down before riding

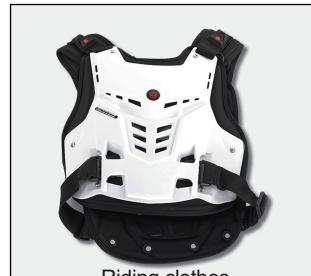
### 2.5 Protection suit



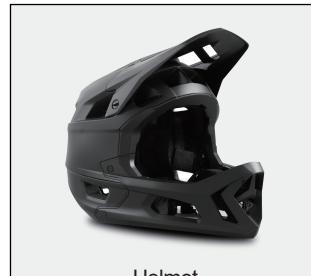
Gloves



Goggles



Riding clothes



Helmet

## 2. Matters need attention

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### 2.6 Riding environment

Suggestions on how to deal with some damaged parts after replacement are as follows:

1. Comply with local laws and regulations when handling non-electrical parts
2. When disposing of the replaced batteries, they should be separated from ordinary household garbage. Handle according to local laws and regulations

### 2.7 User manual

1. Please read the instructions carefully before your first ride. The instructions contain a lot of useful information and tips, which can effectively prevent accidents.
2. If you want to know more about this bike, please contact local dealers.

### 2.8 Fire danger

Lithium-ion batteries have high fire risk.

Lithium-ion batteries are safe under normal conditions, but if the battery occurs overcharge, extrusion, collision, flooding water and other condition.

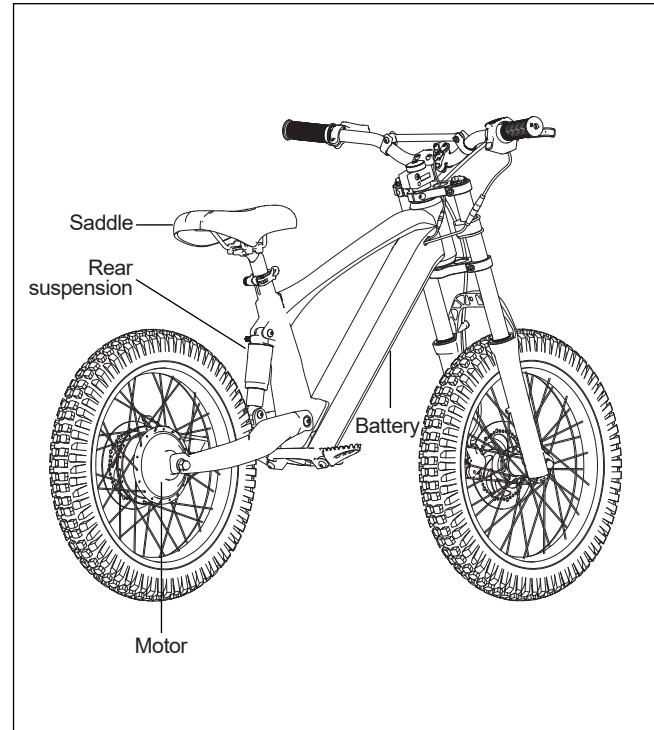
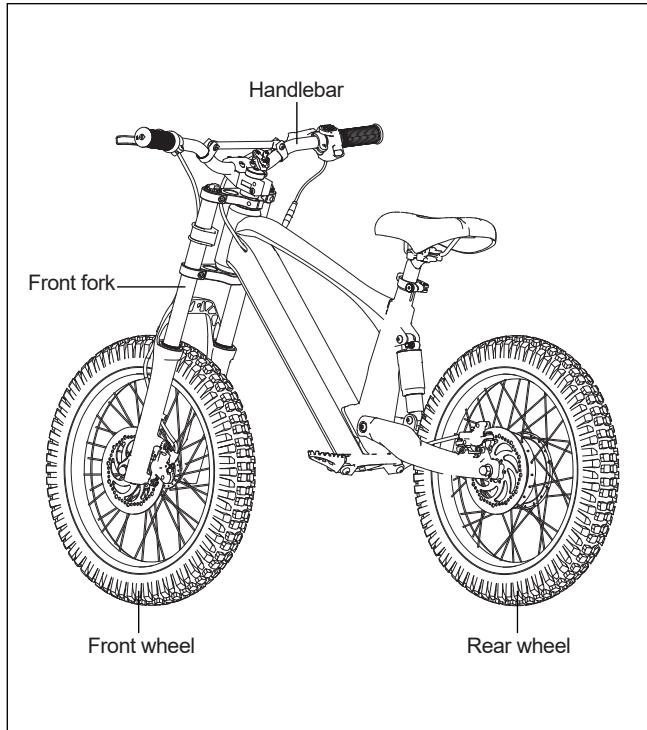
Battery expansion, deformation and cracking, will lead to battery short circuit, heat up then cause explosion.

Cut off the power firstly. Secondly, the battery should be immediately cooling treatment, water rescue is the best solution. If the fire grow stronger, use an ABC dry powder extinguisher or a CO2 extinguisher to extinguish the fire, and then cool the damaged battery with water until completely cooled. Finally, move the damaged battery to safe area and quickly evacuate the surroundings. If possible, Remove the combustibles around the damaged battery.

#### Attention

1. Do not use ice to cool lithium batteries. Because it prevents internal heat from escaping, the internal temperature will rise rapidly and electrolyte gases will accumulate, potentially causing the battery to explode.
2. Even if there is an open flame, do not use foam fire extinguisher. The foam is attached to the periphery of the battery to form a thermal insulator, which increases the chemical reaction and produces more heat.

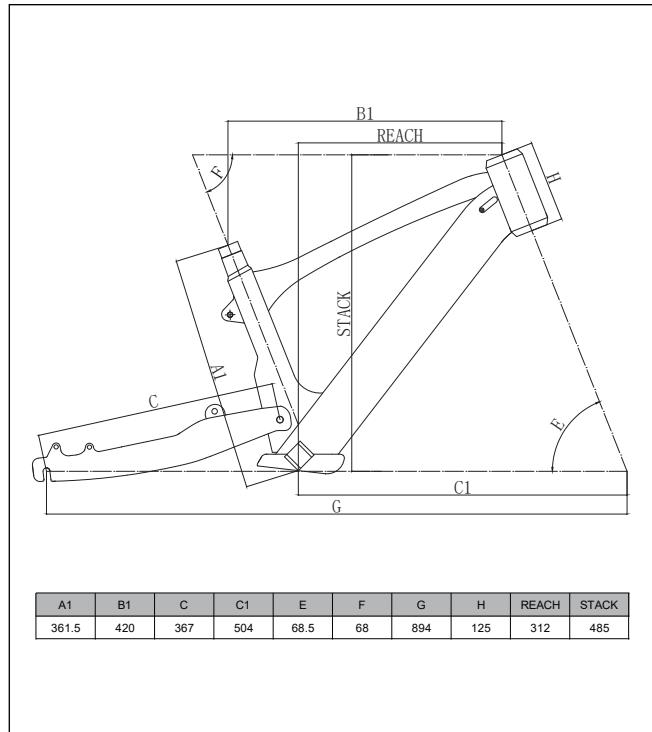
#### 3.1 Whole bike spare parts list



## 4. Specification

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### 4.1 Frame



### 4.2 Electrical system

Name	Parameter
Motor	36V500W
Battery	36V5AH
Controller	36V30A
Charger	36V2A

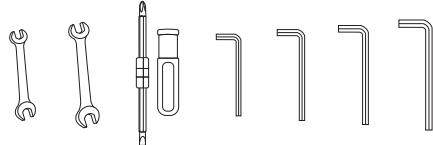
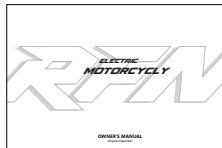
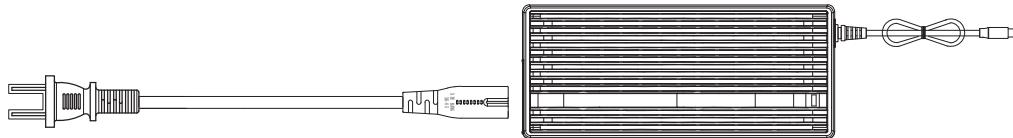
### 4.3 Front and rear suspension shock

Name	Parameter
Front Fork	28.6*25.4*194L, travel 80mm
Rear Suspension	pneumatic bumper, travel 30mm, air pressure140PSI, center distance 150mm

### 4.4 Tires

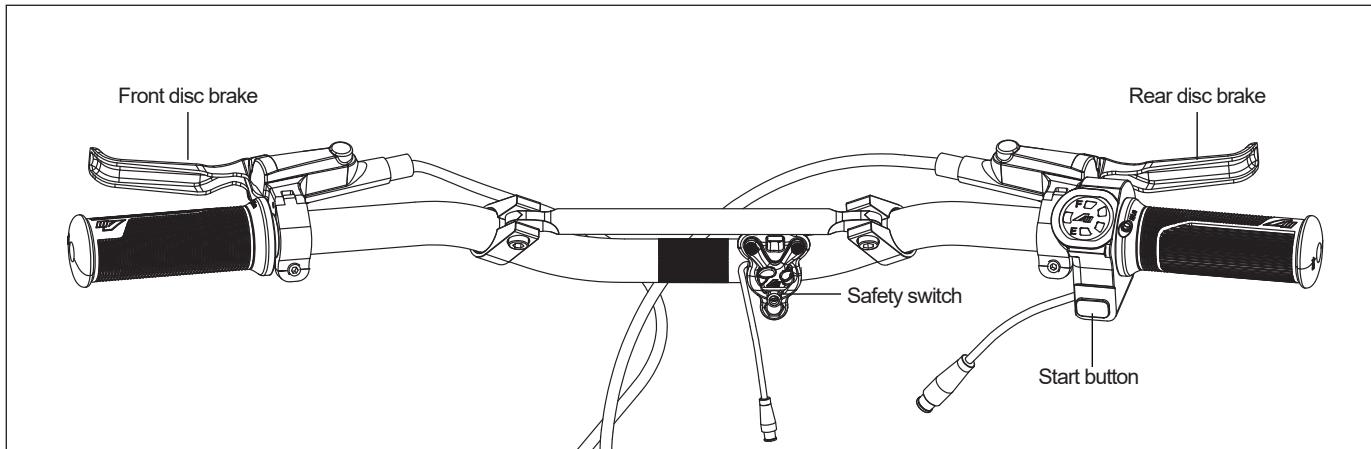
Name	Parameter
Tire	18X2.5、mountain bike tire

### 5.1 Bike Accessory

NAME	QTY	PICTURE
Number Plate	1	
Toolkit	1	 TOOLKIT
User Manual	1	
Charger	1	

## 6. Bike control

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### 6.1 Front brake

The front disc brakes are used to brake the front wheels and use oil pressure to brake.

### 6.2 Rear brake

The rear disc brakes are used to brake the rear wheels and use oil pressure to brake.

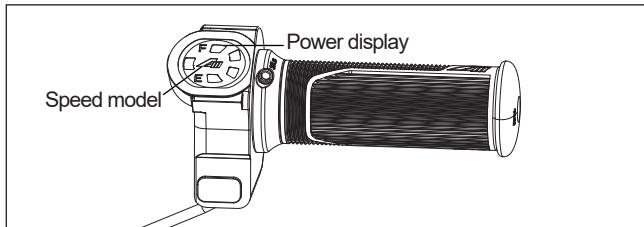
### 6.3 Emergency power off switch

Safety switch is used to remove the emergency power outage switch when you get off the car or implement it to prevent the car from turning the speed during the implementation and the accident. Can ride your car.

### 6.4 Start button

The start -up button is that you use it to start the vehicle when riding a vehicle and shut down the vehicle.

### 7.1 Multifunctional element



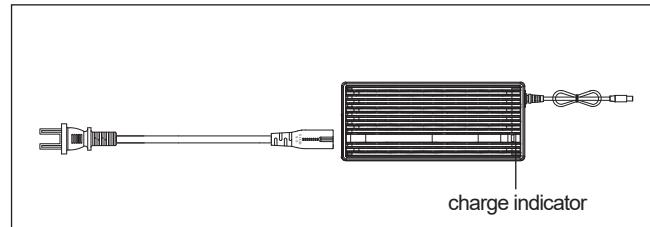
#### 1. Power display mode

The power display show by four bars , each bar represents 25% of the power. When all four bars are on , it means that the battery power is full. When all bars off , please charge the battery immediately.

#### 2. Riding power level mode

Speed model is according to the "AM"logo color, when the logo color switch to Blue, it means the 1st Speed gear , max speed is 15km/h; When the logo color switch to Yellow , it means the 2nd Speed gear , the max speed is 22km/h; when the logo color is Green, it means the 3rd Speed gear , the max speed is 30km/h

### 3. Charging mode display



When the charge indicator shows RED , it means on charging ; when the charge indicator shows Green, it means the battery fully charged.

#### 4. Power reduction

The power of this product will be weakened according to the battery voltage drop, which belongs to the natural characteristics of the battery.

## 8. Braking system

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### 8.1 Adjust the front and rear disc brake travel

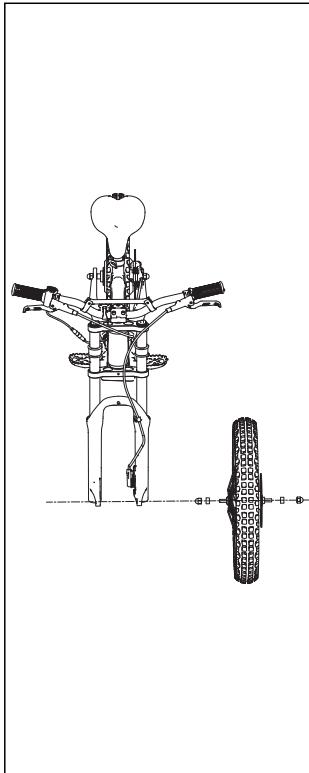
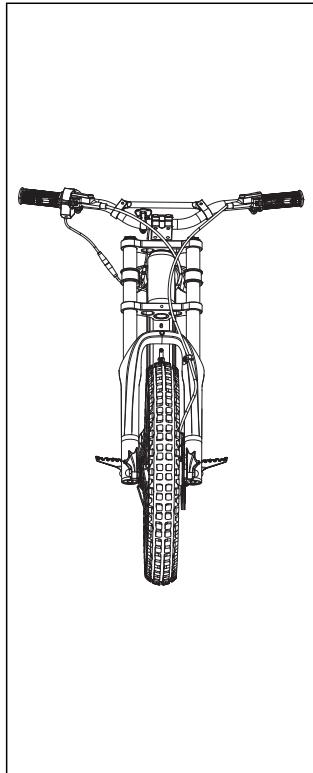
The brake travel distance adjusted by the screw of the brake lever. Use the hexagonal wrench # M2, clockwise rotation will increase the brakes travel distance, and the counterclockwise will reduce the brake travel distance.

### 8.2 Add front and rear brake hydraulic fluid

Add the hydraulic oil , first spin the screw of the injection hole on the top of the brake, drip the hydraulic oil into the screw hole with a syringe, tighten the screw of the oil injection hole, clean the handlebar.

### 8.3 Replace the front and rear disc brake pads

To replace the brake pads , first remove the callipers fixing screws, use pliers to remove the buckles, take out the pins, and directly take out brake pads and replace the new brake pads , mounting the pins and buckles , tighten the screw of the callipers .

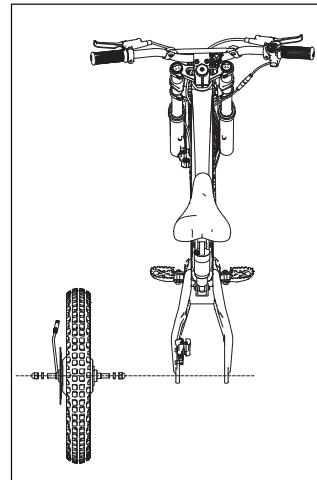
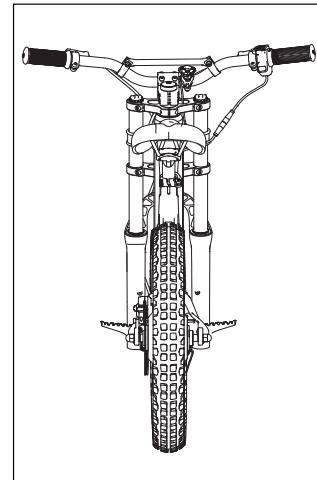


### 9.1 Front wheel disassembling

First use an wrench to loosen the fixing nuts on the left and right sides of the front wheel, then hold the handlebar and lift the front fork, and the front wheel can be removed.

### 9.2 Front wheel assembling

Lift the front fork of the vehicle, align the shafts on both sides of the front wheel hub with the shaft hole on the lower part of the front fork, install the front wheel into the front fork, and tighten the fixing screws on the left and right sides of the front wheel with an open-ended wrench to install the front wheel.



## 9. Wheels

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### 9.3 Rear wheel disassembling

First, unplug the connector of the rear hub motor and the controller, and then pull out the wire of the rear hub motor from the threading hole. Then, use an wrench to loosen the front and rear fastening screws of the rear wheel, take out the anti-drop washers at the rear parts of the left and right rear forks from the sinking platform, and lift the rear fork to remove the rear wheel.

### 9.4 Rear wheel assembling

First, align the shafts at both sides of the rear hub motor with the shaft holes at the lower part of the rear fork, install the shaft of the rear hub motor on the rear fork, insert the anti-drop washers at the rear parts of the left and right rear forks into the countersunk platforms at the left and right sides of the rear fork, thread the wire of the rear hub motor through the threading opening, connect the motor wire of the rear hub with the controller wire, and then lock the fastening screws with an wrench, so that the rear wheel can be installed.

### 9.5 Check the condition of front and rear tires

1. Check whether there are cuts and sharp objects in the front and rear tires, if there are the above phenomena, clean up the foreign bodies or replace the tires in time.
2. Check whether the tread depth of front and rear tires meets the tread depth required by local laws and regulations.
3. Check the service life of tires. It is suggested that tires need to be replaced after more than 3 years of service, regardless of tire wear.

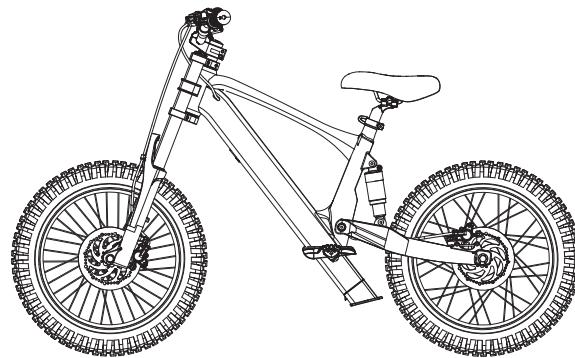
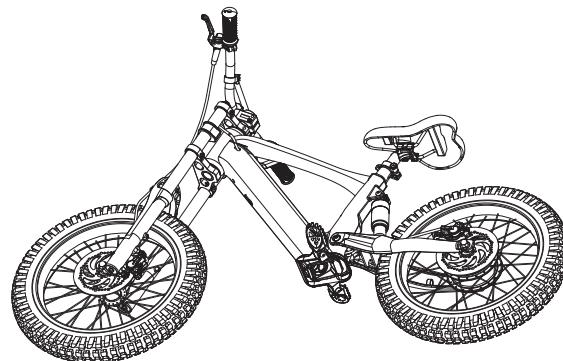
### 9.6 Check front and rear tire pressure

Remove the valve cap and measure whether the tire pressure meets the tire marking pressure. If not, repair it by inflating and deflating. After the repair, install the valve cap.

### 9.7 Check front and rear wheel spoke tension

When riding, if the spokes are loose, the tension of the spokes should be tested. If the spokes are loose, professionals should adjust and tighten them.

### 10.1 Battery remove



First, remove the charger on the downhill pipe, and then use your hand to move the fast disassembly wrench at the bottom of the battery, pull it to the under the frame to remove the battery.

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## 11. Charger

### 11.1 Introduction to Battery Charger

Input voltage range: from 100VAC to 240VAC, single -phase input. Short -circuit protection power value: ≤3W, the power supply of the power supply can return to normal work when short -circuit is lifted.

Work temperature: 0 ° C ~ 40 ° C, working normally under full load conditions.

Storage temperature: -20 ° C ~ 85 ° C, with a shell.

Work humidity: 5%(0 ° C) ~ 90%(40 ° C), 72 hours, full load, normal work

## 12. Bike cleaning and maintenance

### 12.1 Bike cleaning procedure

1. Use water guns to rinse the frame and tires;
2. After rinse, you need to dry it with a towel in time.

### 12.2 Related inspection and maintenance procedures

1. View whether the vehicle fastener is loosened. If there is a loose phenomenon, it is necessary to tighten them in time;
2. Whether the rear disc brakes are not good at braking when the maximum travel
3. Whether the shock absorption is insufficient after inspection. If this phenomenon exists, it is necessary to take gas increase in time;
4. Check whether there is a scratch or sharp object the tires. If it exists, it is necessary to repair or replace the tire in time.

## 13. Storage and reuse instructions

### 13.1 Storage specification

When you are not preparing to ride this product for a period of time, you should store this product in a dry and ventilated place. You should not place this product under the outdoor open -air conditions to prevent rainwater from corrosion of the car body.

### 13.2 Prepare riding instructions after storage

After you are preparing to cycling for a period of time, you should conduct a vehicle inspection in accordance with the 6.1, 8.5, 8.6, 8.7 instructions, and then ride after the inspection is correct.

## 10. Battery

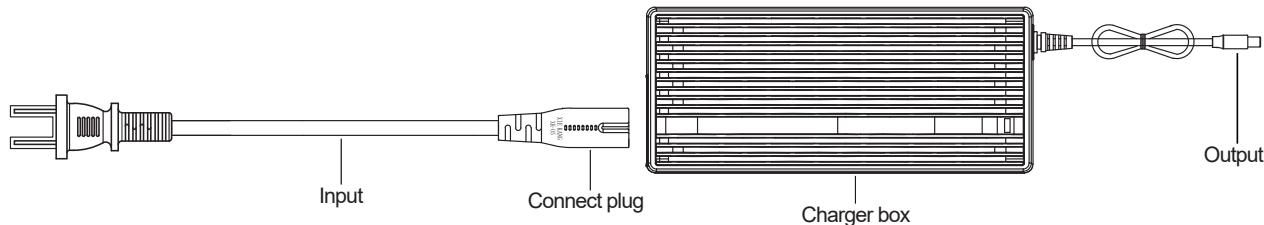
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### 10.2 Battery install

Put the battery into the frame tube with the correct direction, confirm that the lock has been buckled, the charging port is stuffed with waterproofing, and the battery is installed.

### 10.3 Battery charging

First connect the charger parts , remove the waterproof plug , insert the output terminal plug into the battery charging port, and the input terminal is connected to the power supply to charge the battery.



## 14. Electrical troubleshooting

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### 14.1 Battery troubleshooting

Test whether the battery voltage is within the standard range.

### 14.2 Display troubleshooting

When the battery is normal, the instrument display screen is bright, and the instrument is not faulty. If the instrument is not bright, it may be the instrument or controller failure.

### 14.3 Controller troubleshooting

When there is no failure of the battery and instrument, if the motor can operate normally, the controller is normal. If the motor does not turn, it may be a motor or controller failure.

### 14.4 Motor troubleshooting

When there is no failure of the battery, instrument, and controller, the rotation handle is rotated. If the motor can operate normally, the motor is normal. If the motor does not turn, the motor fails.

If any of the above failures, please repairs with the dealer in time.



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