

User Manual

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1. Packing List



Wepower wheel*1



anti-slip nut *2



thick washer *1



thin washer*6



water resistant cap*2
(protect the charge port)



anti-rotate washer*2



wrench*1



charger*1

2. Installation Position



For reference only, installation shall be based on actual conditions

3. Checking when installing

01 Check the size of the fork

Min fork width requirement: 10cm

Min slot width of the forkends: 1cm



02 The end of the hub with leaves must be on the side as below:



The end with leaves of the hub must be on the right side of the bike.

Do not install reversely.

03 The arrow on the end of the axis must point to the handle bar, or the power serving of the motor will be not right.

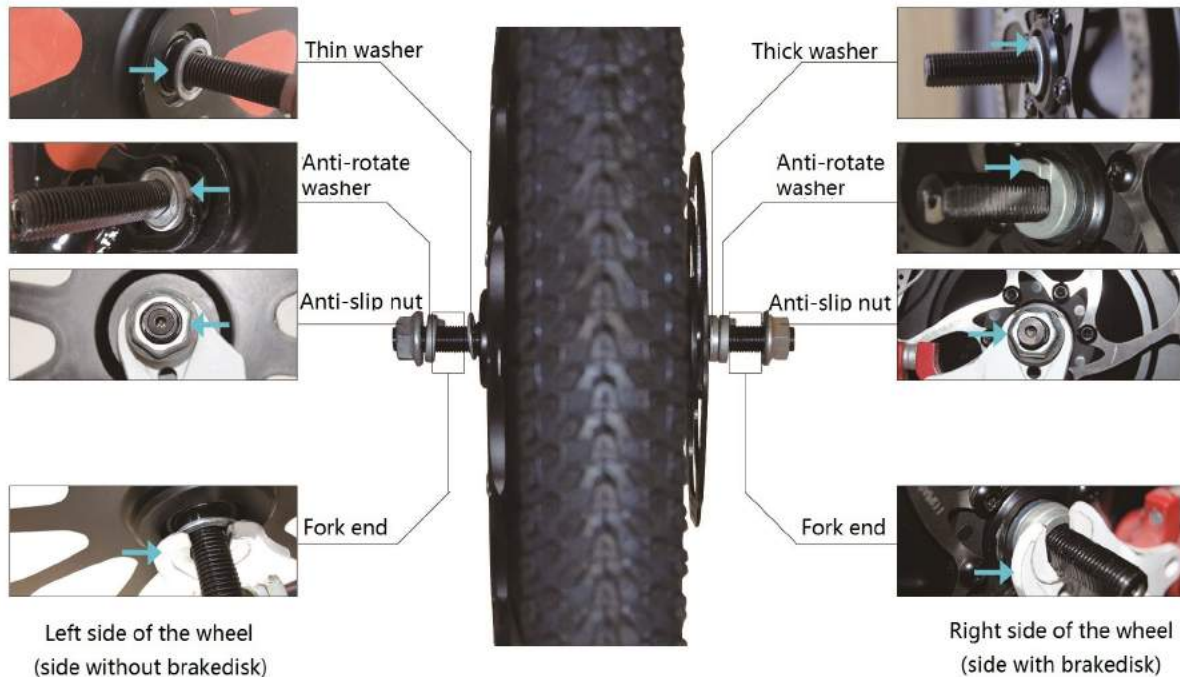
Arrow(white block on the axis end) points to the handle bar



Notice: Align the flat plane of the axis to the slot of the forkend. Do not damage the threads of the axis.

4. Installation Steps

01 Place the parts in the place as below:



4. Installation Steps (continued)

- 02 Remove the front wheel of the bike and insert Wepower wheel into the fork ends as below, make sure the arrow point to the handle bar.



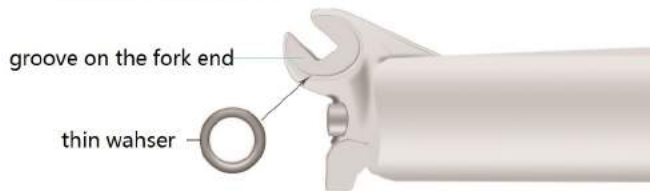
The arrow on the end of the axis points to the handle bar.



- 03 Tighten the anti-slip nuts.



- 04 If there is a groove on the fork end, use a thin washer to make it flat to avoid the tightened nut pressing the fork end to broken.



Notice: Use proper quantity of washers in proper position to adjust the clearances.

4. Installation Steps (continued)

05 Adjust the disk brake

Reason of disk collision

1. Disk deformation
2. Calliper tilt

Disk deformation correction adjustment:



Use a monkey wrench to clamp the disk and correct the deformation.

Adjust the calliper:

loosen this bolt
to adjust the
space of the
brake linings.



loosen these 2
bolts to adjust
the position of
the calliper

5. Parameters Setting



Scan the QR code above to download and install the App.

wepower| 



Google play

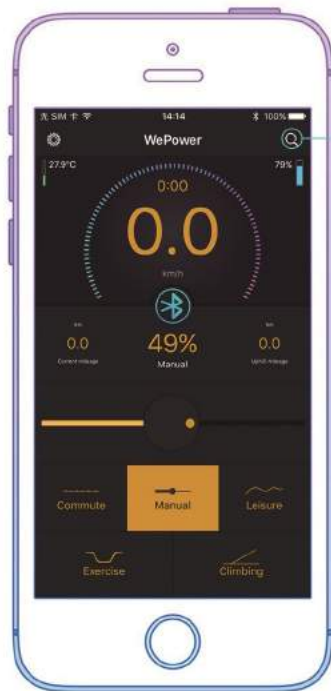


App Store

Or Search "wepower" in Appstore or GooglePlay to download and install the App.

5. Parameters Setting (continued)

02 Search for the bike in the App.



Press this "search" button
on the right top of the App.

03 Select the right bluetooth adress of the bike.



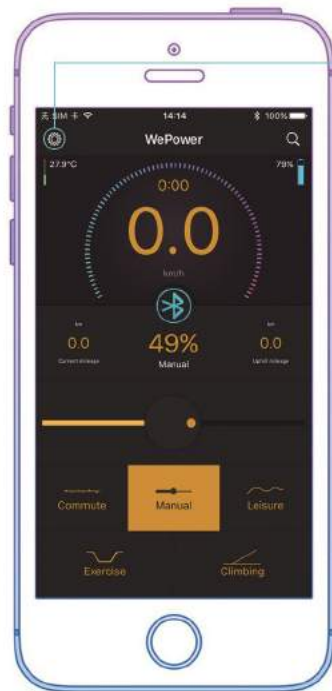
In the bike list, select the right bike to
connect.

scan bike button: The mobilephone
will scan bikes automatically when
this view is open, this button will
rotate when scanning, you can touch
this button to scan or stop scanning.

Notice: Put your phone close to the
wheel when scanning bike.

5. Parameters Setting (continued)

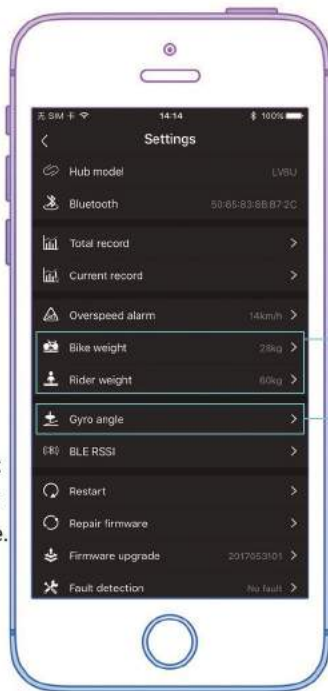
04 Enter the setting page.



Touch this button to enter the setting page.

Notice: The **Bike weight**, **Rider weight** and **Gyro angle** must be set before first ride.

05 Load and Gyro angle setting



Touch the **Bike weight** and **Rider weight** to fill the right parameters

Touch **Gyro angle** to set the angle as indicated method.



1. Keep the bike on the horizontal ground.
- ↓
2. Keep the bike verticle to the ground
- ↓
3. Press the button to set the angle.

5. Parameters Setting (continued)

06 Select the power mode you want and start to ride.



Commute mode



Manual mode



Leisure mode



Exercise mode



Climbing mode



6. Ride Instruction

- 01 There are 5 power modes in the App. Select proper mode to ride and the the power will be served automatically, you don't need to regulate during the ride under all the modes.



Manual mode

You can set the right power grade for yourself. The higher percentage you set, the more power output will be served by the motor. It is the most used mode.



Commute mode

This mode has high power grade. The power served by the motor is large. It makes your ride effortless and comfortable.



Exercise mode

This mode can simulate every phase of the exercise. It can control the amount of exercise to avoid overload.



Leisure mode

This mode provides sine curve power grade. It can ease leg pain and avoid knee joint damage.



Climbing mode

You can set a slope angle and a power grade, the motor will work only if the angle of the slope is larger than the angle you set.

6. Ride Instruction (continued)

02 There is no power switch. It will come into sleep mode when it keep still for a while, and will be waken up when moved.



No wire out, extremely simple.



The bike will become in sleep mode when keep still for a while.



Awake right way when moved.

03 Check the power in the App. Charge when it is in low power.



7. App Instruction

01 Main view of the App



7. App Instruction (continued)

02 Setting view



Find the model and the bluetooth adress of the hub.

Find the historical ride record and current ride record.

Set the overspeed alarm.

Set the bike weight, rider weight and Gyro angle.

Check the bluetooth signal strength, the App could not work normally if the signal is week.

Recover from the abnormality caused by App misoperation via **Restart and Repair firmware.**

Update the firmware

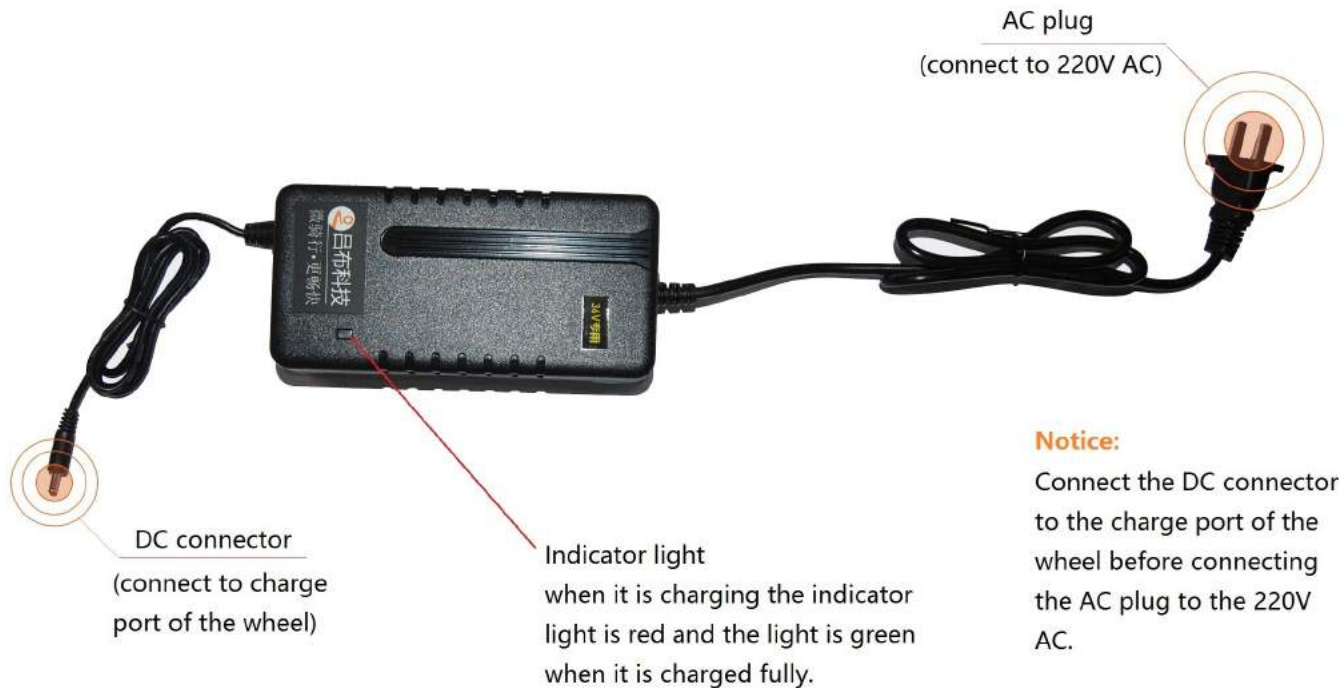
Touch Fault detection to get the error imformation when there is a problem with the bike and contact us to handle with it.

Set the language of the App.

8. Specification

Model	BX10L	BX20L	BX30L
Dimension of the hub			
Motor Power	250W		
Installation Position	Front wheel		
Battery	18650 Lithium Ion Battery-36V,2900mA		
Battery Capacity	108Wh/2.9Ah	215Wh/5.8Ah	311Wh/8.7Ah
Charge Time	1 hour	2 hours	3 hours
Range	30Km	60Km	90Km
	Test condition: rider's weight is 60Kg, in manual mode with power grade of 50%, on flat road.		
Supportable Brake Types	Both Rim Brake and Disc Brake		
Supportable Rim Size	24/26/27.5"		
Hub Dropout Width	International Standard 100mm		
Weight	6.4Kg	7.1Kg	7.8Kg
Material	Aluminum alloy		
Connectivity	Bluetooth Low Energy (4.0)		
App OS	Android/IOS		
Top Speed	25Km/h		
Charger Specification	Input: AC220V Output: DC42V 2A		

9. Charge instruction



10. Safty Instruction

For your safety, please read the safety instruction below carefully.

- Please obey the local rules about the electricity bike.
- Please make sure to put on the cycling helmet, grooves, elbow pads and knee pads before riding.
- Set the weight of the bike and rider as actual in the App, do not set the weights higher than actual weights. Correct the Gyro angle by the way indicated in the App before the first time you use or when it is not right.
- Check the bike especially the brake before riding.
- Do not ride when it rains. Do not accelerate or decelerate quickly. Do not ride over speed. The maximum safety speed is 25km/h. Charge when the battery power is low.
- Try to protect human from hurt first when there is a risk.
- Do not put the wepower wheel under the strong sunshine when the temperature is very high and do not put it in the rain.
- Understand and obey local traffic rules before riding. Watch out for the object and people on the road in order to avoid hit.
- Do not ride in the dim environment. Do not ride parallel to the others and keep safety distance from the front rider.
- Do not let the other people use your Wepower wheel before he or she read this manual.
- Do not ride after drinking or taking drug.
- Do not through Wepower wheel into fire! It contains batteries.

11. Maintenance

If there is dirt on the wheel, wipe with wet cloth. If the dirt is hard to clean, use a little detergent and wipe it with wet cloth.

Notice: Do not use alcohol, gas, kerosene and other similar chemical solvents which are corrosive and volatile to clean the hub. Do not use high press water gun to flush the wheel.

Try not to place the bike in wet environment or under strong sunshine when you don't use it for a long time. Don't put the bike in the rain.