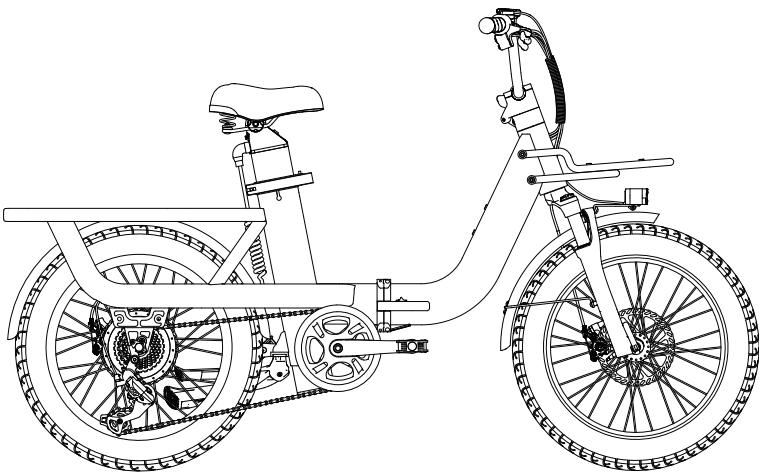
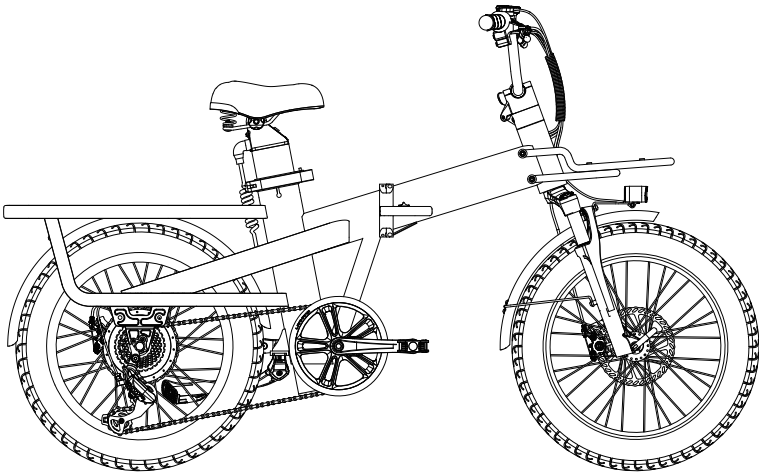


Baicycle

# E-Bike

## PRODUCT INSTRUCTION MANUAL



Caution : Please read the manual before your first ride!

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01	IMPORTANT SAFETY INSTRUCTION
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# IMPORTANT SAFETY INSTRUCTION

## **WARNING**

WHEN USING THIS PRODUCT BASIC PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

### Things To Know Before Use

- Read all the instructions before using the product.
- To reduce the risk of injury, close supervision is necessary when the product is used near children.
- Do not use this product if the flexible power cord or output cable is frayed, has broken insulation, or any other signs of damage.
- Do not put your fingers, hands or feet into the rotating wheel.
- Don't lend this product to people who can't operate it, so as not to cause harm; if you lend the bike, please let the user follow instructions, it could help to decrease the risk of accident.
- The E-bike cannot be used as off-road vehicle or used for extreme bicycle sports; when riding the bicycle, please wear a safety helmet and protective gear. It is forbidden to ride with one hand.
- Please abide by the traffic rules and prohibit riding on motorized lanes and roads with multiple pedestrians.
- Carry people or objects in accordance with the requirements of laws and regulations, and do not park in the building's lobby, evacuation stairs, walkways, and safe entrances and exits.
- It is recommended to charge and park in an outdoor dedicated parking hall while avoiding rain; when charging, keep away from combustibles, and the charging time should not be too long.
- For safety reasons, please do not change the default speed setting of the electric bicycle and do not exceed speed limit in accordance with the traffic rule. Riding on non-motorized lanes, downhills and paved roads not exceeding 15km/h.
- When adjusting the handlebar or saddle, please be careful not to exceed the safety line markings on the handlebar and saddle.

# IMPORTANT SAFETY INSTRUCTION

## **WARNING**

- When using the motor, please be careful not to hit vigorously and keep the rotating shaft lubricated.
- Try to avoid riding in severe weather such as heavy rain and snow.
- It is not allowed to exceed the maximum load of the vehicle body when riding (the maximum load is 120KG).
- It is suitable for people of 16+ years old and physically fit adults, and it is strictly forbidden to drive electric bicycles on the road by people under 16 years old.
- Slow down when riding in rain or snow since the braking distance will be increased in such slippery conditions.
- This equipment is not intended to be used at ambient temperatures less than  $-5^{\circ}\text{C}$  ( $23^{\circ}\text{F}$ ) or above ambient temperatures of  $40^{\circ}\text{C}$  ( $104^{\circ}\text{F}$ ).
- The battery is intended to be charged when the ambient temperature is between  $0^{\circ}\text{C}$  ( $32^{\circ}\text{F}$ ) and  $40^{\circ}\text{C}$  ( $104^{\circ}\text{F}$ ). Never charge the battery when ambient temperatures are outside this range.
- The E-Bike should be stored in an environment with a temperature range of  $-5\sim 40^{\circ}\text{C}$  ( $23^{\circ}\text{F}\sim 104^{\circ}\text{F}$ ), a humidity of  $0\sim 85\%RH$ , and no corrosive gases.

**IMPORTANT SAFETY INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS. READ AND FOLLOW ALL INSTRUCTIONS.**

**SAVE THESE INSTRUCTIONS.**

# GENERAL INFORMATION

## 1. About Electric Bike

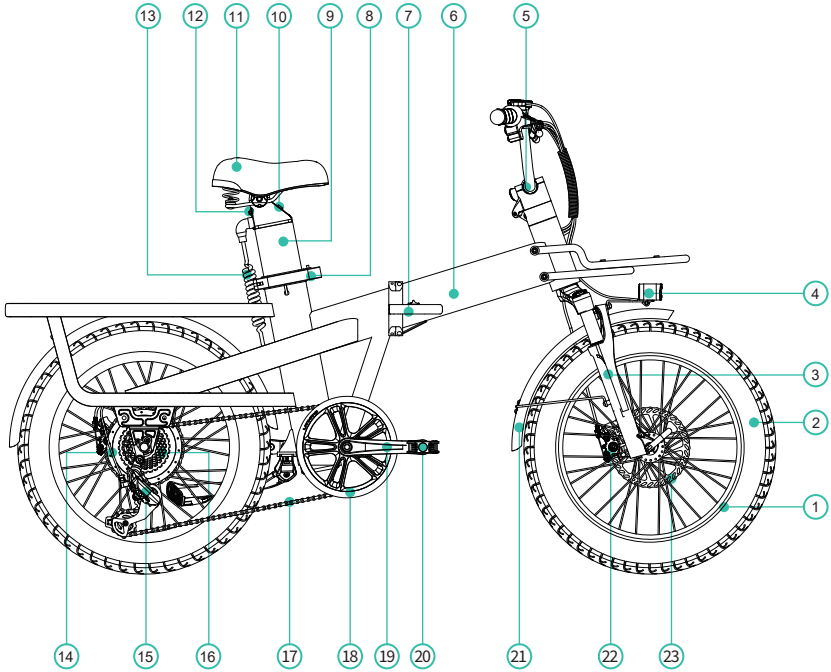
Baicycle electric bike is a leading icon of e-bikes. For years, Bicycle has been not only dedicating to innovation, cutting-edge technology and premium materials, but also providing cost effective e-bikes, to satisfy riders' various needs of transportation and even desire of exploring sports & outdoor life. Just ride freely with Bicycle!

## 2. What's In the Box (Parts List)

Description	Quantity
Electric Bike	1
User Manual	1
Key	2
Charger	1
15 mm Open-end wrench	1
3 mm allen key	1
5 mm allen key	1

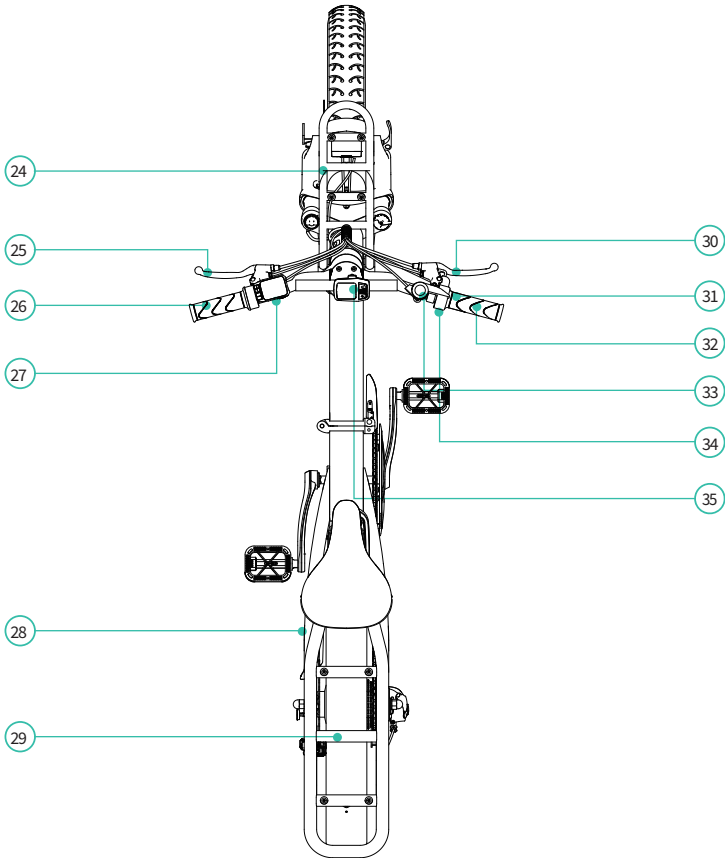
# GENERAL INFORMATION

## 3. Bike Components



- 1 Rim
- 2 Tyre
- 3 Front Fork
- 4 Front Light
- 5 Stem
- 6 Frame
- 7 Folding Quick Release
- 8 Seat Clamp
- 9 Battery
- 10 Charging Port / Power Switch
- 11 Saddle
- 12 Rear Tail Light
- 13 Power Cord
- 14 Motor
- 15 Rear Derailleur
- 16 Freewheel
- 17 Chain
- 18 Chain Wheel
- 19 Crank
- 20 Pedal
- 21 Mudguard
- 22 Disc Brake Caliper
- 23 Disc

# GENERAL INFORMATION



24 Front Carrier

25 Left Brake Lever

26 Left Grip

27 Display

28 Kickstand

29 Rear Carrier

30 Right Brake Lever

31 Throttle / Twister

32 Right Grip

33 Rear Shifter

34 Light and Bell Switch

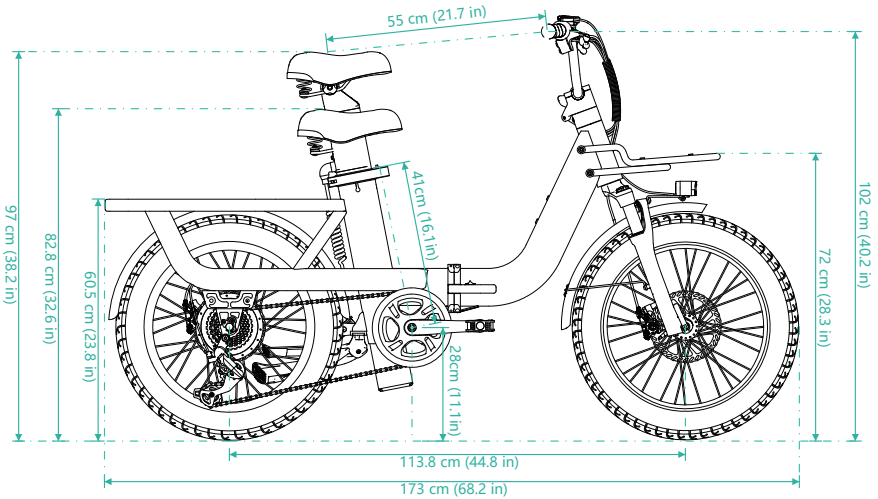
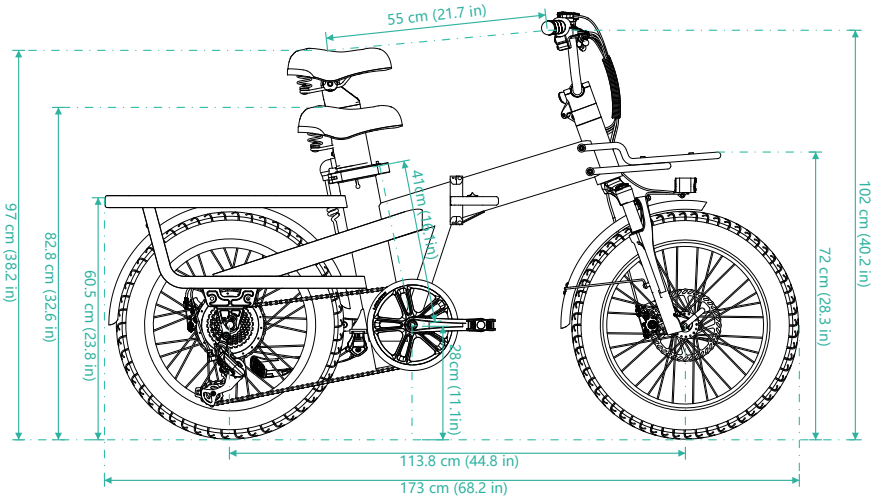
35 Handle Bar

## Note

QUEST 1 and QUEST 1 ST have the same parts.

# GENERAL INFORMATION

## 4. Bike Size



Recommended Height

**165 - 190 CM**  
5.41 - 6.23 ft



Bicycle Weight

**32 KG**  
70.5 LBS



Load Capacity

**MAX 120 KG**  
MAX 265 LBS

### Note

For the best riding experience, please adjust the seat post height according to your personal height, and the adjustment range should not exceed the safety line range.



# E-BIKE USAGE

## NOTICE

### Before Riding

- Before riding the bike on the open road, try all the settings on the electric bike, and get used to various results in a safe and controllable environment.
- Please check the power circuit, lighting circuit, and test the brake system before cycling.
- Always check the tire pressure before starting to ride, and make sure that the tire is inflated to a pressure within the specified range.
  - 1 If the pressure is too low, the wheel may be damaged, or the inner tube may be squeezed, causing the tire to leak air.
  - 2 If the pressure exceeds the recommended maximum value, the tire may blow out of the rim, which may damage the bicycle and cause injury to the cyclist and nearby people.
- In order to ensure the safety of riding, please check regularly for loose parts or screws. The places that need to be checked include but not limited to the seat tube, wheels, handlebars and pedals.
- If necessary, please confirm whether the battery capacity can meet your riding demand.

### During Riding

- Please wear helmet and protective gears that meet the requirements in accordance with regulations.
- Avoid traveling in severe weather such as heavy rain and snow, etc.
- Carry people or objects in accordance with the requirements of laws and regulations, and the load of the entire bike should not exceed 120kg.
- Obey the traffic rules.

### After Riding

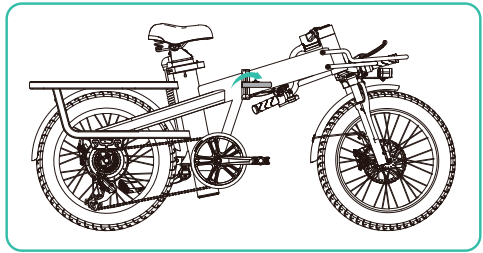
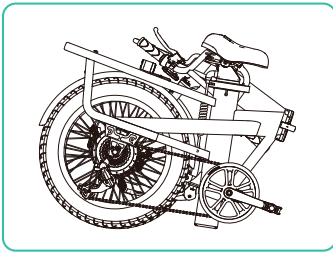
- After heavy use, do not touch the hot surface, such as the disc brake rotor or the side edge of the brake rim.
- When folding the kickstand, always make sure that the kickstand is secure and the base is firm to prevent the bicycle from falling.
- If the bicycle is splashed with moisture, please wipe it dry and clean in time.

# INSTALLATION AND ADJUSTMENT

Open the package of the bike, take out the electric bike and all the parts inside and use the tool to cut off the packing rope.

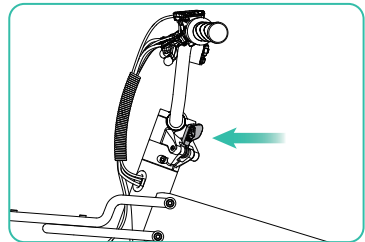
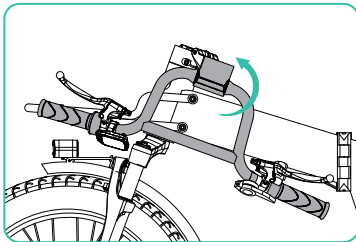
## 1. Unfolding the Frame

- Take out the E-bike from the cardboard box, the state after took out.
- Open the E-bike.
- Finally, tighten the folding mechanic.



## 2. Unfolding the Stem

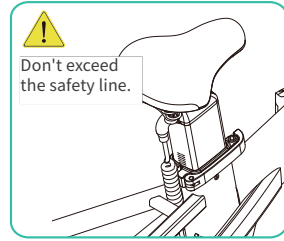
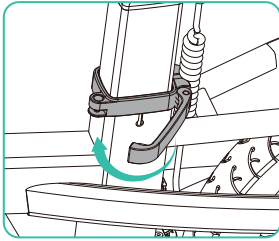
- Rotate the handlebar back to the correct position and lock the quick release lever.



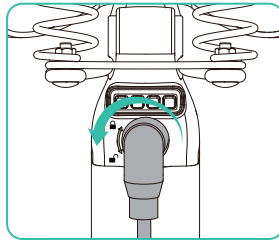
# INSTALLATION AND ADJUSTMENT

## 3. Install The Seat Post

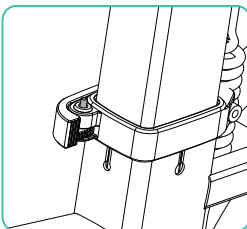
- 3.1 Install the seat post into the seat tube. Set right its position and adjust height to fit your riding habit. (Note: please be careful not to exceed the safety line) Tighten the fastening nut clockwise first, and then fasten the seat tube clamp.



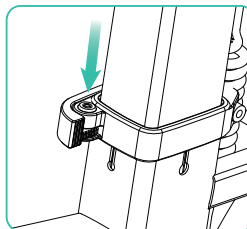
- 3.2 When unplugging the power cord, please rotate the blue buckle counterclockwise, and then pull out the power cable, the port of power cable will be damaged if pull out the cable by force.



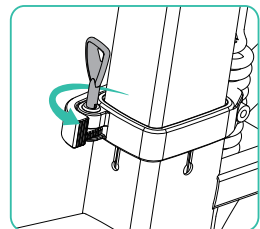
- 3.3 Press the latch of the seat post clamp to lock it. To unlock the seat post clamp, insert the key into the latch and rotate it 90° in any direction to unlock the seat post clamp.



Not locked



Lock



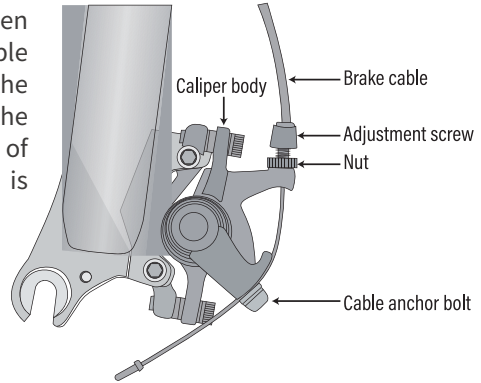
UnLock

# INSTALLATION AND ADJUSTMENT

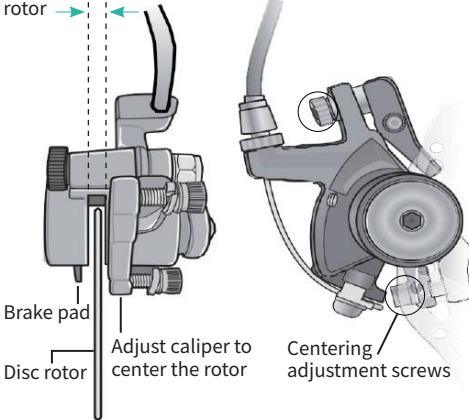
## 4. Brake Adjustment

Ensure that the brake cables are properly inserted into the brake levers before aligning a mechanical disc brake. If the disc rotor is bent or damaged, replace the rotor first.

- If the brake is not sensitive, loosen the anchor bolt of the brake cable to shorten the brake distance of the brake cable and then tighten the bolt. Or, lengthen the distance of the brake cable when the brake is too sensitive.



Leave the same clearance on both sides of the disc rotor



- If the rotor always rubs against the brake pad or the gap is too large, loose or tighten the two centering adjustment screws, but do not remove them. Slowly rotate the wheel and check the space between the rotor and the brake pad; adjust the position of the brake pad and the rotor. Centering the rotor and the pads to avoid friction. After the adjustment is complete, tighten the screws.

# INSTALLATION AND ADJUSTMENT

## 5. Adjust Angle Of Brake Lever, Display, Gear Shifter, Throttle And Bell On Handlebar, Then Tighten Them With Tools.

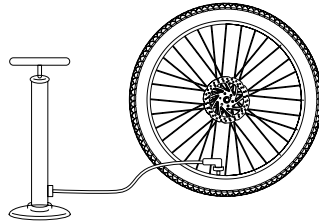
### Shifting Recommendations

In order to increase the range, we recommend shifting according to the speed.

- For starting and low-speed riding, it is best to use a low-speed gear.
- At high-speed, a higher gear should be selected.

### NOTICE!

Please inflate the tire, maintain proper tire pressure before use.



So far, congratulations! You have completed the assembly of the entire bike.

# OPERATION

## 1. Button Definition and Function Operation



Button Name	Function
Power Button	<ul style="list-style-type: none"> <li>• Press and hold the Power Button for 3 seconds to turn on / off the machine.</li> <li>• Press the Power button to switch between displaying the current mileage and total mileage.</li> </ul>
"+" Button	<ul style="list-style-type: none"> <li>• Press the "+" button to add one level.</li> <li>• Long press the "+" button to turn on / off the light operation.</li> <li>• Press and hold the "+" and "-" buttons at the same time to enter the settings menu.</li> </ul>
"-" Button	<ul style="list-style-type: none"> <li>• Press the "-" button to reduce one level.</li> <li>• When the vehicle has no speed, press the "-" button for a long time to enter the assist push mode, and release the "-" button to exit.</li> </ul>

## 2. Display Interface



# OPERATION

Icon	Instruction
Bluetooth	The Bluetooth icon is not displayed when Bluetooth is not connected, but after successful connection, the Bluetooth icon is displayed.
lighting	The light icon lights up when the vehicle is turned on, but does not light up when the lights are turned off.
quantity of electricity	The battery icon is divided into 5 compartments, with one compartment is displaying 20% battery level. When the battery level drops below 10%, the last compartment flashes.
Gear	Current gear display, press the "+" button/"-" button to switch gears.
malfunctions	The fault icon lights up when the vehicle has a fault, but does not light up when there is no fault in the vehicle.
Speed	The digital area displays the current speed of the vehicle.
TRIP / ODO	Press the power button twice continuously to switch between the current mileage and total mileage.

## 3. Setting Menu Operations

### 3.1 Enter The Setting Menu

Simultaneously press and hold the "+" button and the "-" button to enter the setting menu.

### 3.2 Switch Options

Enter the settings menu page and press the "+" button or "-" button to switch options

### 3.3 Confirm

After selecting the option you want to confirm, press [Power button].

### 3.4 Cancel/Return to Previous Level

Double press the Power button to cancel or return to the previous level.

### 3.5 Return to Home Page

Return to the setting item by pressing the Power button twice to return to the previous level. Or stay on the page without any operation and automatically exit the settings menu after 10 seconds.

# OPERATION

## 4. Setting Menu

### 4.1 Kilometer And Mile Switching

Optional settings: KM/H and MPH, default MPH.

### 4.2 Brightness Adjustment

Selectable settings: Automatic light sensitivity and manual brightness setting. Manual brightness setting can be selected to set levels 1, 2, and 3

### 4.3 Automatic Sleep Time

Customizable setting time of 0-30min, default 5min.

### 4.4 Restore Factory Settings

Select the 'Confirm' button to restore factory settings.

### 4.5 Firmware Information

Display of firmware version information.

## CAUTIONS

Please use safely, and do not plug or unplug the display when it is powered on.

- Please avoid bumping as far as possible.
- Please do not alter the background parameter settings of the display at will, otherwise normal riding cannot be guaranteed.
- If the display fails to work normally, it should be repaired as soon as possible.
- Due to product upgrades of the company, part of the displayed contents or functions of the product you bought may be different from the manual, depending on the actual model.

## **WARNING**

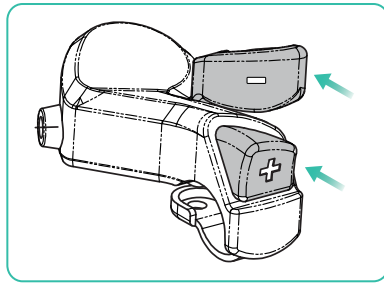
It is forbidden to modify the battery, electronic control system and the frame structure of the bike, etc. Otherwise, it may cause safety hazards and void the warranty service, If you continue to do so, all will be at your own peril.



# OPERATION

## 5. SHIFTER SETTING

- There are seven numbers from 1 to 7 on the shifter, each number represents a gear position, 7 represents the highest gear, and 1 represents the lowest gear. Pls use high gear on flat roads or downhill way, use low gear on uphill road. pls Change the speed according to your individual riding needs in the following ways:



- When the shift handle is aligned with 7, turn the chain plate, and the chain will run on the smallest tooth of the freewheel.
- While turning the chain plate, each time the shifting handle is pushed forward by one gear, the chain will move one step toward the direction of the flywheel. Successively are 7-6-5-4-3-2-1
- When the shifter handle is aligned with 1, the chain will move the largest piece of the large cassette.
- While rotating the chain plate, each time the button of the shifting handle is pressed, the chain will move one step toward the small piece of the flywheel. Successively are 1-2-3-4-5-6-7

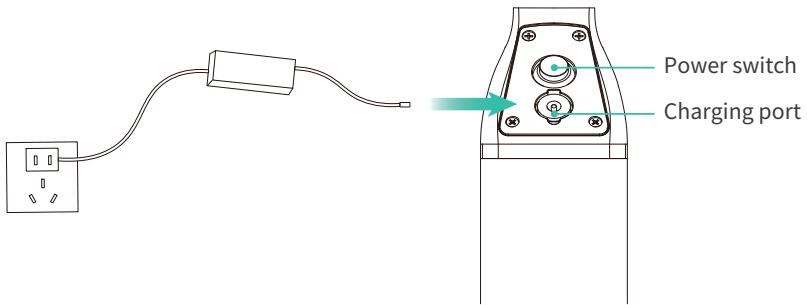
### **WARNING**

Do not adjust the gear in the parking situation, it may cause damage to the speed gear!

# OPERATION

## 6. When Charging The Battery

- 1 Open the battery cover above the seat post and connect the output end of the original charger to the charging port of the electric bike
- 2 Connect the input end of the original charger to an AC power outlet for charging
- 3 The red indicator of the charger lights up when charging, indicating that the power is connected and being charged. Pulling out the charging plug and insert the rubber cover after green light on indicating fully charging.



## Safety Information



Failure to observe the following warnings could result in electrical fires, explosion, severe burns or electrocution.

- It is strictly forbidden to connect the positive and negative poles of the battery reversely, and it is strictly forbidden to damage, disassemble or short-circuit the battery. Contact between the battery contacts and metal objects such as paper clips, coins, keys, nails, screws or other metal items could result in shorting out the battery and cause electrical fires, explosion, or severe burns.
- Used batteries are hazardous chemicals, and the used batteries should not be disassembled without authorization, and recycled by relevant professional departments.
- It is forbidden to modify the battery, electronic control system and the frame structure of the bike, etc. Otherwise, it may cause safety hazards and void the warranty service. If you continue to do so, all will be at your own peril.  
Use the original battery.
- Do not replace it with other brand's or product's battery.
- A damaged battery or battery charger (e.g. cable, plug or housing) may result in leakage of hazardous materials or be a potential source of sparking and fire. Always examine the battery and battery charger before each use. Never charge a damaged battery or use a damaged battery charger.

# OPERATION

## **WARNING**

- Please use the original special charger (FY1505462000). It is strictly prohibited to use other chargers. Charging the battery with an incompatible battery charger may result in electrical fires, explosion, severe burns or electrocution. Ensure the battery charger and the A/C outlet are the same voltage before charging the battery. Never use the battery charger to charge any other batteries.

Pay attention to the battery type and applicable voltage that the charger can charge, and it is strictly forbidden to mix them.

- The charging time shall not exceed 12 hours, and the charging current shall not exceed 3A.
- The ambient temperature of charging is 0~40°C / 32~104°F, and it will cause irreversible damage to the battery if charge at other ambient temperature. Discharge the battery at -5~40°C / 23~104°F. Do not store batteries at temperatures above 40°C / 104°F or below -10 °C / 14°F.
- The battery and battery charger contain no serviceable parts. Do not open, disassemble, or modify the battery or charger.
- Improper handling of the battery and battery charger may result in electrical fires, explosion, severe burns or electrocution.
- Do not move the battery or battery charger during charging.
- Do not hold the battery charger during a thunder or lightning storm.
- Do not plug or unplug the battery charger with wet hands.
- Do not place any items on the battery charger.

When charging, it should be placed in a ventilated environment, and it is hot environment.

- The charger should not be carried with the ebike as much as possible. If it is really necessary to carry it, it should be placed in the toolbox after the shock absorption treatment is done. It is not allowed to disassemble or replace the components in the charger by yourself.
- It is recommended to charge the battery in the fireproof battery charging cover when charging. And the battery should be stored in the fireproof battery charging cover when not in use.

## Reminder

Charge a new battery 4 hours before you use it in your product for the first time.

If the battery is dropped or damaged due to a bicycle accident, there may be a danger of electrolyte leakage. Please stop using it immediately.

It is better not to wait until the power is completely exhausted before charging, which can more effectively extend the battery life. Besides, Overheating or under-charging the battery may shorten battery life.

How far can a fully charged battery go?

It depends on the load weight, road conditions and battery capacity. But under the same conditions, the average speed can last longer riding distances. Using pedal assist mode allows you to go further.

# OPERATION

It is recommended to charge the battery in the fireproof battery charging cover when charging. And the battery should be stored in the fireproof battery charging cover when not in use.

## Battery Disposal

- Battery must be recycled or disposed of in an environmentally sound manner.
- Do not dispose of the battery in a fire. The battery may explode or leak.
- Do not dispose of a battery in your regular household trash.



# MOVING AND STORAGE INSTRUCTIONS

- During transportation and storage, the battery should be turned off.
- During transportation, the battery should be protected to prevent damage.
- Keep the battery dry, do not put the battery in acidic, alkaline liquid or combustibles, keep away from rain, fire and high temperature environment.
- The battery and battery charger contain hazardous materials. Always keep the battery and battery charger away from children, animals, or persons incapable of understanding the potential hazards.
- When not in use for a long time, keep the battery in a cool and dry place, and charge the battery for two hours a month.
- The E-Bike should be stored in an environment with a temperature range of -5~40°C (23°F~104°F), a humidity of 0~85%RH, and no corrosive gases.

# APP DOWNLOAD

## Caution Before using the APP

- Baicycle App-There are safety risks when learning to ride the e-scooter. You must read the Riding Safety via the manual before your first ride.
- Because Baicycle App has some functions that need to get your phone's permission, so please choose according to your needs.

## Download

You can download Baicycle App from App Store or Google Play.



Google Play ( Android OS )



App Store ( IOS )

## Connect

To connect the e-bike to Baicycle App, you need to turn the e-bike on and then turn on the Bluetooth of your phone. Finally, open Baicycle App . You can then enter the control interface of the e-bike, which includes the following functions: light switch, single mileage, total mileage, e-bike power display, Bluetooth connection status, etc.

**Fault reporting:** The system will automatically detect whether the electronic control system of the device has a fault after the app successfully connects to the device, you can click the fault information of the device to report it if the App remind you there's fault . so that we can understand your device problem and deal with it in time.

# MAINTENANCE

- The front and rear wheels of the vehicle should be located in the center of the front fork or frame.
- After riding, please store the bike in a place without sunlight and rain.
- Water showering is forbidden, and the surface of the vehicle body can be wiped with a semi-dry cloth.
- Do not touch the charging hole on the bicycle, or touch it with metal, otherwise, it may cause an accident due to an instantaneous short circuit of the current.
- Check all cables and cable housings for fraying, breaks, rust, or corrosion and replace if necessary.
- Check the motor and brake frequently, and do not fill the brake area with oil. Additionally, check the brake pads for any damage as they will be worn over time and eventually need replacement.
- Regularly check the various screws of the vehicle and the places that need to be fastened, and regularly reinforce to prevent injury and unnecessary wear and tear on your e-bike.
- Recommended torque (unit: kgf.cm): the horizontal screw 60-80, the stem screw 175- 200, the seat cushion screw 175-250, the wheel screw 320-450.
- Regularly check the tension of the chain, which can be adjusted by the chain regulator.
- Always check the tire for scratches, cracks, or excessive wear. The inner tube and the valve should be perpendicular to the wheel hub and not crooked. Accidentally punctured, damaged or excessively worn inner and outer tires need to be replaced immediately, please seek professional technicians to repair or replace your tires.
- It is forbidden to modify key structural parts such as the frame, front fork, standpipe, and electrical function parts. If damaged, use the original parts to replace it. Otherwise, the guarantee service will not be provided. Any loss or damage caused by the modification shall be solely responsible.

# WARRANTY

Please read the user manual before your first ride, It contains important safety information and information about assembly, use, and maintenance. As explained in more detail below, Baicycle warrants the Products for a limited time from the date of original retail purchase against defects in materials and workmanship when used normally in accordance with Baicycle’s published guidelines. The guidelines include, but are not limited to, information contained in technical specifications, user manuals and service communications. “Original retail purchase” means the Product was purchased new for the first time from an Authorized Baicycle Retailer or directly from Baicycle.

## Products Covered

- **Baicycle-branded frames and framesets:** Baicycle warrants the structural integrity of the frame or frameset for a period of two (2) years\* from the date of original retail purchase. Paint and graphics are not included in this definition. Frameset means a Baicycle-branded frame equipped with a Baicycle-branded rigid fork. Suspension forks and suspension parts are not included in the definition of frame or frameset.
- **Baicycle-branded components, equipment:** 2-year Warranty from the date of original retail purchase. This includes, for example, parts such as motors and other drive system components on electric bicycles.
- **Baicycle-branded batteries equipped on electric bicycles:** 2-year Warranty from the date of original retail purchase or up to 300 charging cycles, whichever occurs first. The batteries are designed to retain up to 75% of their original capacity during that time.
- **Baicycle-branded accessories and items not otherwise specifically covered:** 1-year Warranty from the date of original retail purchase.

## Terms of Warranty

To take advantage of this Warranty, a dated proof of original retail purchase must be presented to Baicycle. In all events, Baicycle reserves the right to limit warranty service to the country where the Product was purchased. During the duration of the Warranty, Baicycle will either repair the Product or, at Baicycle’s option, replace it with the same or most similar Product then available. That is because we do not keep inventory forever, so we may not have the exact replacement part or exact color available. If the Product is replaced, it needs to be returned to Baicycle before the replacement is provided unless otherwise agreed to by Baicycle in writing.

# WARRANTY

## Uncovered Items

This Warranty is void under the following circumstances and does not apply to damage caused by any of the following occurrences:

- Improper assembly or installation.
- Crash, neglect, improper repair, improper maintenance, or other abnormal, excessive, or improper use.
- Corrosion.
- Improper alteration or installation of components, parts or accessories not originally intended for or compatible with the Product; or Failure to perform maintenance or service at appropriate intervals in accordance with the written instructions provided with the Product.

If you are unsure if it covered, please contact customer experience.

## Wear and Tear

Wear and tear refers to damage that naturally and inevitably occurs as a result of normal riding. For example, your cassette and chain will, even if properly maintained, eventually wear out requiring replacement. The same applies to scratches and other potential damage to the paint or graphics of your bicycle that can result from normal use and exposure to the elements. Your bicycle may over time also develop minor creaks or other noises while riding which usually means it requires maintenance. Wear and tear items are not covered by this Warranty. The following is a non-exhaustive list of other typical wear and tear items not covered by this Warranty:

Bearings	Shifter, brake cables and casings
Brake Pads	Spokes
Chains	Sprockets
Free Hub Bodies	Stripped threads, bolts
Handlebar Grips	Tools
Rubber moving parts	Transmission gears



# WARRANTY

## Disclaimer of Implied Warranties

This is a full and complete statement of baicycle' s warranty for the product. No other representation of any kind by anyone shall create any warranty regarding the product. Baicycle' s liability under this warranty shall to the fullest extent permitted by law be no greater than the amount of the original purchase price and in no event shall baicycle be liable for incidental or consequential damages or losses. This limitation does not exclude liability for death or personal injury caused by baicycle' s negligence.

To the extent permissible under applicable law, baicycle hereby disclaims all implied warranties, including without limitation the warranties of merchantability and fitness for a particular purpose for the duration of this express limited warranty.

Some states, provinces, or countries do not allow the exclusion or limitation of incidental or consequential damages or warranties, so the above limitations or exclusions may not apply. If it is determined by a court of competent jurisdiction that a certain provision of this warranty does not apply, all other provisions shall remain in full force and effect.

For questions concerning warranty, contact your authorized baicycle retailer or baicycle. You can find up-to-date contact information for your market at [www.Baicycle.com](http://www.Baicycle.com).

# ATTACHMENT

## Technical Parameters

Performance index	Project	Parameter
Basic Parameters	Vehicle Size	1730x640x1100mm
	Wheel Size	20*3.0 Inches
	Frame Material	Aluminium Alloy
	Maximum Load	265 lbs (120KG)
	Vehicle Weight	70.5 lbs (32KG)
Performance Parameters	Maximum Speed	19.9 mph (32km/h)
	Rear Derailleur	7-Speed
	Working Temperature	23°F-104°F (-5°C~40°C)
Battery Parameters	Rated Voltage	48V
	Battery Capacity	15.3Ah
	Mileage (based on 75kg load)	Pure electric: 37miles (60km) Power assist: 62miles (100km)
Motor Parameters	Motor Power	750W
	Motor Type	Brushless Gear Motor
Charger Parameters	Input Voltage	AC100-240V
	Output	DC54V 2A
Other Parameters	Display	LCD Display
	Brake	Disc brake
	Suspension	Suspension front fork
	Light	Front and rear light

- The amount of battery remaining, load of the bike (weight of rider and cargo), tire pressure, road environment, chain and wheel axle lubrication, etc. will affect the maximum speed;
- Riding habits, temperature, load, tire pressure, road environment and other factors will affect the riding range. The mileages shown above are for reference only.

## **WARNING**

### Operation General

- Only use the e-bike and the drive assist system for safe, recreational riding. Use of the e-bike for a purpose it was not intended for is dangerous and could result in property damage, serious injury or death. Always follow the instructions for intended use and limitations.

### Personal Restrictions

- Use of this e-bike by persons (including children) with reduced physical, sensory or mental capabilities or persons lacking experience and knowledge in the use of the e-bike could result in serious injury or death. The owner of this e-bike must ensure this product is not used by people with the conditions described above. Always follow the rules, regulations and laws (including age limits) related to the use of an e-bike in its area of use.
- A child may not realize or understand the e-bike has moving parts and components (e.g. battery). Never allow children to play or come into contact with the e-bike or its parts. Always follow all rules, regulations and laws regarding age limits and operation in the e-bike area of use.
- Riding the e-bike through water could result in loss of control and damage to the drive assist system. Do not ride into, or attempt to ride through, water or sub-merge any part of the e-bike.
- Riding with the kickstand in the down position may result in unexpected contact with the ground or other objects causing loss of control. Always ensure the kickstand is in the up position and securely locked in place before riding the e-bike.
- Sitting on the e-bike with the kickstand down may result in the e-bike tipping over. Never sit on the e-bike when it is only supported and stabilized by the kickstand. The kickstand is not designed to support the weight of a person.
- Overloading a rear basket could create dangerous riding conditions. Always observe the maximum weight limit. Never overload the rear basket.
- An improperly secured load on a rear rack could create dangerous riding conditions. Always ensure the load on the rear rack is properly secured before riding.

## **WARNING**

- Never move the shifter while pedaling backward, nor pedal backwards immediately after having moved the shifter. This could jam the chain and cause serious damage to the bicycle.
- Like any mechanical device, a bicycle and its components are subject to wear and stress. Different materials and mechanisms wear or fatigue from stress at different rates and have different life cycles. If a component's life cycle is exceeded, the component can suddenly and catastrophically fail, causing serious injury or death to the rider.
- Scratches, cracks, fraying and discoloration are signs of stress caused by fatigue and indicate that a part is at the end of its useful life and needs to be replaced. Product life is often related to the kind of riding you do and to the treatment to which you submit the bicycle. The bicycle's warranty is not meant to suggest that the bicycle cannot be broken or will last forever. It only means that the bicycle is covered subject to the terms of the warranty.
- Frequent inspection of your bike is important to your safety. Periodic, more detailed inspection of your bicycle is important. How often this more detailed inspection is needed depends upon you. You, the rider/owner, have control and knowledge of how often you use your bike, how hard you use it and where you use it. The materials used to make your bike determine how and how frequently to inspect. Ignoring this WARNING can lead to frame, fork or other component failure, which can result in serious injury or death.

### Operation Details:

- Correct tightening force on fasteners- nuts, bolts, screws- on your bicycle is important. Too little force, and the fastener may not hold securely. Too much force, and the fastener can strip threads, stretch, deform or break. Either way, incorrect tightening force can result in component failure, which can cause you to lose control and fall.
- Loose or damaged handlebar grips or extensions can cause you to lose control and fall. Unplugged handlebars or extensions can cut you and cause serious injury in an otherwise minor accident.

## **WARNING**

- The area in which you ride may require specific safety devices. It is your responsibility to familiarize yourself with the laws of the area where you ride and to comply with all applicable laws, including properly equipping yourself and your bike as the law requires. Observe all local bicycle laws and regulations. Observe regulations about bicycle lighting, licensing of bicycles, riding on sidewalks, laws regulating bike path and trail use, helmet laws, child carrier laws, special bicycle traffic laws. It's your responsibility to know and obey the laws. Failure to wear a helmet when riding may result in serious injury or even death.
- Do not remove the front or rear reflectors or reflector brackets from your bicycle. They are an integral part of the bicycle's safety system. Removing the reflectors reduces your visibility to others using the roadway. Being struck by other vehicles may result in serious injury or death. The reflector brackets may protect you from a brake straddle cable catching on the tire in the event of brake cable failure. If a brake straddle cable catches on the tire, it can cause the wheel to stop suddenly, causing you to lose control and fall.
- Although many catalogs, advertisements and articles about bicycling depict riders engaged in extreme riding, this activity is extremely dangerous, increases your risk of injury or death, and increases the severity of any injury. Remember that the action depicted is being performed by professionals with many years of training and experience. Know your limits and always wear a helmet and other appropriate safety gear. Even with state-of-the-art protective safety gear, you could be seriously injured or killed when jumping, stunt riding, riding downhill at speed or in competition. Bicycles and bicycle parts have limitations with regard to strength and integrity, and this type of riding can exceed those limitations or dramatically reduce the length of their safe use.
- Failure to confirm compatibility, properly install, operate and maintain any component or accessory can result in serious injury or death. Exposed springs on the saddle of any bicycle fitted with a child seat can cause serious injury to the child. Changing the components on your bike with other than genuine replacement parts may compromise the safety of your bicycle and may void the warranty. Contact customer service before changing the components on your bike.
- If your seat post is not inserted in the seat tube, the seat post, binder or even frame may break, which could cause you to lose control and fall.
- When making saddle angle adjustments with a single bolt saddle clamp, always check to make sure that the serrations on the mating surfaces of the clamp are not worn. Worn serrations on the clamp can allow the saddle to move, causing you to lose control and fall. Always tighten fasteners to the correct torque. Bolts that are too tight can stretch and deform. Bolts that are too loose can move and fatigue. Either mistake can lead to a sudden failure of the bolt, causing you to lose control and fall.

## **WARNING**

- An insufficiently tightened stem clamp bolt, handlebarclamp bolt or barend extension clamping bolt may compromise steering action, which could cause you to lose control and fall. Place the front wheel of the bicycle between your legs and attempt to twist the handlebar/stem assembly. If you can twist the stem in relation to the front wheel, turn the handlebars in relation to the stem, or turn the bar end extensions in relation to the handlebar, the bolts are insufficiently tightened. Be aware that adding aerodynamic extensions to handlebars will change the steering and braking response of the bicycle.
- Bolt or bar end extension clamping bolt may compromise steering action, which could cause you to lose control and fall. Place the front wheel of the bicycle between your legs and attempt to twist the handlebar/stem assembly. If you can twist the stem in relation to the front wheel, turn the handlebars in relation to the stem, or turn the bar end extensions in relation to the handlebar, the bolts are insufficiently tightened. Be aware that adding aerodynamic extensions to handlebars will change the steering and braking response of the bicycle.
- **WARNING!** The shorter the brake lever reach, the more critical it is to have correctly adjusted brakes, so that full braking power can be applied within available brake lever travel. Brake lever travel insufficient to apply full braking power can result in loss of control, which may result in serious injury or death.
- All quick-release levers should be inspected before every ride to be sure they are fully closed and secure. Failure to properly close a quick-release lever can cause loss of control of the bicycle resulting in injury or death. Make sure the wheel is properly seated and the quick-release lever is properly closed.
- Disregarding or misunderstanding of the following safety warnings, the safety warnings in the manuals associated with the e-bike parts, and safety labels on the e-bike could result in serious injury or death.

Anyone assembling, using, maintaining, transporting or storing this e-bike must read, understand, and follow these safety warnings before performing any of the actions stated.

## **WARNING**

### FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1 This device may not cause harmful interference, and
- 2 this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

# E Bike

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**Model: Quest 1 & Quest 1 ST**

Dongguan XiaoBai Intelligent Mobility Co., Ltd.

**Made in China**



Service@baicycle.com  
Baicycle Customer Service



Web: [www.baicycle.com](http://www.baicycle.com)

The actual product functions may not fully match the instructions due to technical upgrades and firmware updates. If you have any questions, please contact the relevant customer service.