

VANPOWERS



FAT TIRE ELECTRIC MOUNTAIN BIKE

Cycanon

MADE IN CHINA

CATALOG

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Part 1 IMPORTANT SAFETY INSTRUCTION

Before your riding, please read this manual carefully and observe the following precautions:

- ① Please remember to wear a helmet or other protectors to avoid injury when riding your electric bike.
- ② Please make sure that all parts of the electric bike are properly installed and not damaged.
- ③ Please check whether the brake system is well.
- ④ Before use, please confirm whether the power is sufficient.
- ⑤ Before your riding, be sure to check that the tires are in good condition, inflated properly, and have sufficient tread remaining.
- ⑥ When feeling unwell physically or mentally due to illness or under the influence of medicine or alcohol, please do not ride ebike.
- ⑦ E-bike is designed for only one rider, and never try to ride double or more, or ride the e-bike holding a child or load.
- ⑧ Please do not climb slope over 15°, and do not sharply speed up or slow down on the slope.
- ⑨ Do not ride under wet conditions. The ebike may slide from under your feet causing injury.
- ⑩ Wet conditions may damage the electronics and void the warranty.
- ⑪ Do not modify the product from the manufacturers original design.
- ⑫ Electric bicycle is only used as a daily means of transportation, and should not be used in extreme sports or other dangerous riding methods. Don't go up and down steps. Don't ride on the highway and in heavy rain.

— SAFETY WARNINGS —

Please carefully read the user manual and safety warnings before using your e-bike and ensure that you understand and accept all associated risks. Any loss or damage caused by improper use is the responsibility of the user.

INSTRUCTIONS PERTAINING TO RISK OF FIRE or ELECTRIC SHOCK IMPORTANT SAFETY INSTRUCTIONS

WARNING –

- a) Read all the instructions before using the product. When using this product, basic precautions should always be followed, including the following:
- b) To reduce the risk of injury, close supervision is necessary when the product is used near children.
- c) Do not put your fingers or hands into the product.
- d) Do not use this product if the flexible power cord or output cable is frayed, has broken insulation, or any other signs of damage.
- e) This equipment is not intended to be used at ambient temperatures less than -20°C (-4°F) or above ambient temperatures of 45°C (113°F).
- f) The battery is intended to be charged when the ambient temperature is between 0°C (32°F) and 40°C (104°F). Never charge the battery when ambient temperatures are outside this range. When cleaning this product, remove the battery from the product before cleaning.

SAVE THESE INSTRUCTIONS

— GENERAL WARNINGS —

This e-bike is designed for riders aged 16 to 65. Children should operate and ride the e-bike with adult supervision.

Please ensure that the e-bike and its components are not accessible to children under 3 years old.

The Frame Label on your e-bike will identify the Max Gross Vehicle Weight of your e-bike. The Max Gross Vehicle Weight for this e-bike is 335.1 lbs (152 kg). The calculation method for Max Gross Vehicle Weight is as follows: e-bike weight + rider weight + luggage/backpack weight = Max Gross Vehicle Weight. If you have any questions about the Max Gross Vehicle Weight, please contact Vanpowers for assistance.

As with all products with mechanical components, EPACs are subject to wear and high stress. Different materials and components may react to wear and stress fatigue in different ways. If the recommended lifespan of a component has been exceeded, it may suddenly fail, possibly causing injury. Any cracks, scratches, or changes in coloring in high-stress areas indicate that the lifespan of the components in those has been exceeded and they should be replaced.

When replacing parts, be sure to use genuine replacement parts provided by the Vanpowers. Using non-Vanpowers parts may cause malfunctions that can seriously affect your ride safety. Vanpowers is not responsible for any damages incurred due to the rider's decision to use non-Vanpowers replacement parts.

Without the guidance of the Vanpowers Service Center, do not attempt to disassemble, modify, repair, or replace any parts of the product or equipment, as this will void the warranty and may result in malfunctions and/or injuries. DO NOT modify the product's circuits.

Inappropriate modifications to the e-bike or its accessories can cause malfunctions. In order to reduce the risk of accidents and injuries, do not install any additional accessories that have not been purchased from or authorized by the seller, including but not limited to child safety seats and trailers.

Surface clean the product only.

— RIDING ENVIRONMENT —

We recommend avoiding riding in wet weather, especially in damp, salty, corrosive, or dusty environments.

Avoid riding in severe weather and low-visibility conditions, such as dawn, dusk, darkness, or fog, to reduce the risk of accidents.

Do not use the product to ride in heavy rain or through streams, and do not immerse or submerge it in water or other liquids, as this may cause damage to the electrical system.

When riding on slippery roads, reduce your speed and brake in advance to ensure that the e-bike can stop safely.

Install reflectors and make sure they are clean, securely fastened, and unobstructed.

When riding at night, use lights and reflectors properly to ensure that others can see you.

Please note that insufficient lighting measures can lead to serious injury or death.

— NOTES ON-ROAD USE —

This product is suitable for riding on the following paths:

Asphalt roads and e-bike lanes; Roads made of gravel, sand, or similar materials (such as gravel roads and dirt tracks); Both paved and unpaved hiking trails, which may have a few roots, thresholds, rocks, and drops.

To ride the e-bike safely on the road, it is necessary to understand and comply with the safety regulations of your country or region.

Cross train tracks at a 90-degree angle, or walk your e-bike across to prevent the wheels from getting stuck.









To reduce the risk of injury, always wear your helmet correctly (covering the forehead) and fasten the safety buckle correctly under your chin.

You are responsible for equipping yourself and your e-bike with appropriate equipment (such as reflectors and lights) in accordance with local legal requirements.

Do not ride the e-bike in a dangerous manner. Make sure you can control the e-bike and do not attempt dangerous actions, including but not limited to hands-free riding, jumps, and wheelies.

Part 2 PACKAGE CONTENTS

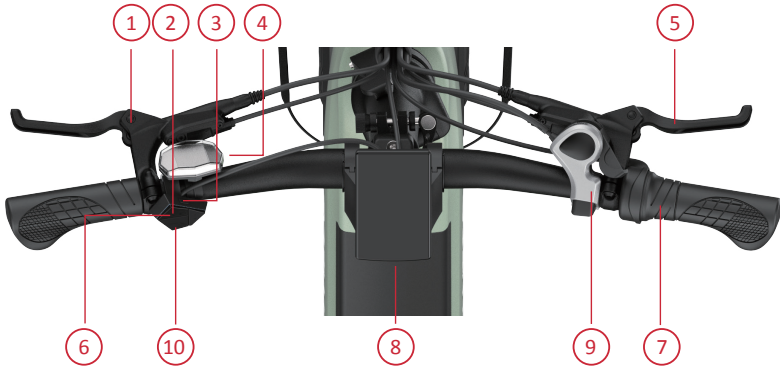
Please carefully check the package contents, any missing or damaged, please feel free to contact our customer service for support.

<p>①</p>  <p>Ebike</p>	<p>②</p>  <p>Saddle*1</p>	<p>③</p>  <p>Charger *1</p>	<p>④</p>  <p>Battery*1</p>
<p>⑤</p>  <p>Front Wheel*1</p>	<p>⑥</p>  <p>Pedals*2</p>	<p>⑦</p>  <p>Tool Kit*1</p>	<p>⑧</p>  <p>User Manual*1</p>

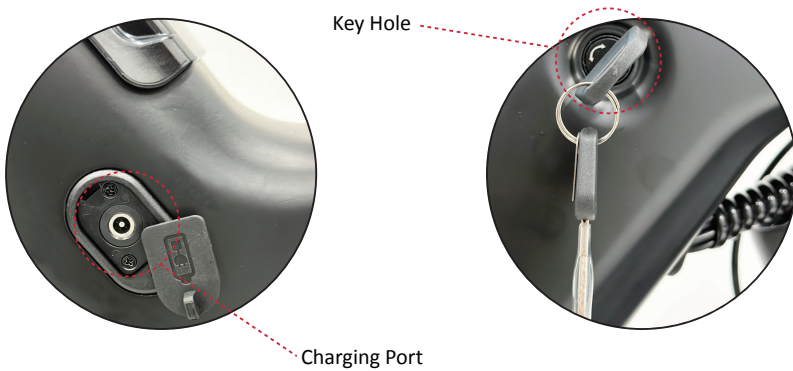
Part 3 PRODUCT OVERVIEW



- | | | | |
|--------------------|------------------|---------------------|---------------|
| 1 Reflector | 2 Brake | 3 Throttle | 4 Headlight |
| 5 Front Suspension | 6 Disc Brake | 7 Horn/light Button | 8 LCD Display |
| 9 Built-in Battery | 10 Charging Port | 11 Saddle | 12 Reflector |
| 13 Seat Clamp | 14 Motor | 15 Kickstand | 16 Pedal |

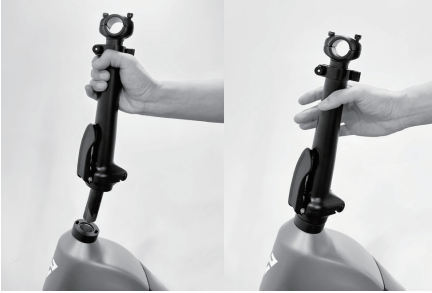


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- | | | |
|---|--|---------------------------|
| 1 Brake | 2 Electric Drive Upshift Button | 3 Power Switch |
| 4 Front Reflector | 5 Brake | 6 Headlight Switch |
| 7 Throttle | 8 LCD Display | 9 Shift Button |
| 10 Electric Drive Downshift Button | | |
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Part 4 INSTALLTION INSTRUNCTION

— ASSEMBLE HANDLEBAR —



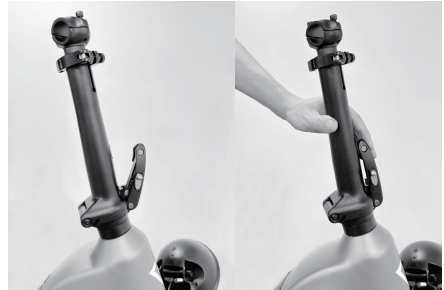
1. Put in the handlebar stem.



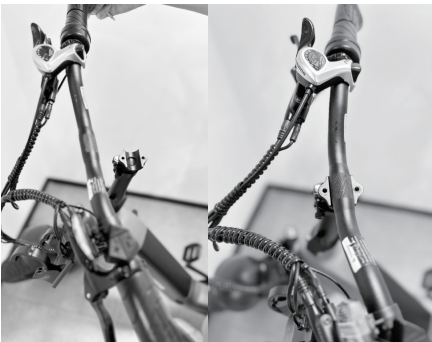
2. Fold the folded seat tube about 90 degrees, rotate the folded seat tube, and align the head tube and seat tube insertion positioning marks.



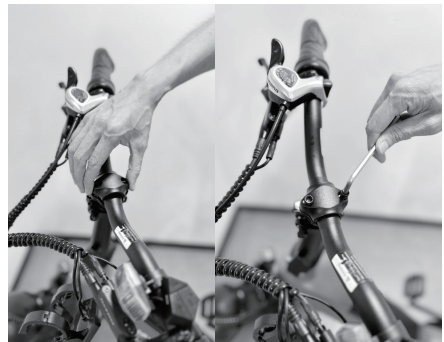
3. Lock the clamp.



4. Straighten the folding riser and lock it with release handle



5. Put the handlebar on the groove of the tube.



6. Close the clamp.



7. Open the instrument mounting base, install it in the middle of the handlebar, and tighten the screws. Install the bell to the right side of the handlebar and tighten the screws.

Notes:

1. Please make sure the front wheel is fixed in the right position to avoid the serious injury caused by a loose wheel.
2. 2*Battery keys are included. Please keep them safe.
3. Improper adjustment of handlebar and failure to properly tighten handlebar component may result in damage to stem post, steerer tube and result in loss of control, serious injury or death. Always check the handlebar cannot move and is secured to the frame before riding the bicycle.

— ASSEMBLE FRONT WHEEL —



1. Loose the screws.



2. Align the grooves.



3. Tighten the screws.

Notes: Please make sure the front wheel is fixed in the right position to avoid the serious injury caused by a loose wheel.

— ASSEMBLE SADDLE —



1. Open the stem clamp of the seat post



2. Slide seat into stem tube and adjust the seat height and make sure the head of the seat is parallel with the top tube.



3. Close the stem clamp of the seat post and make sure the seat is secured.

Notes: Please don't raise the seat post above the "Minimum Insertion" line printed on the back of the seatpost. Raising the seat post above the minimum insertion line may cause you to be injured while riding.

— ASSEMBLE PEDALS —



1. The pedals in the package have an "L" or "R" label to indicate whether it should be installed on the left or right side.
2. To Install the left "L" pedal, screw it counter-clockwise by hand, and turn it clockwise to install the right pedal.

— ASSEMBLE HEADLIGHT —



1. Take out the fender and use screws to fix the sides of it.



2. Use an Allen wrench to tighten the sides of the fender, being careful not to lock it completely.



3. Press and hold the power button for 3 seconds to turn on the power, and the meter will light up.



4. Pre-tighten the front light bracket with screws.



5.Tighten all screws and check , complete installation.



6.Tighten the screws on both sides of the mud-guard.

Part 5 OPERATING INSTRUNCTION

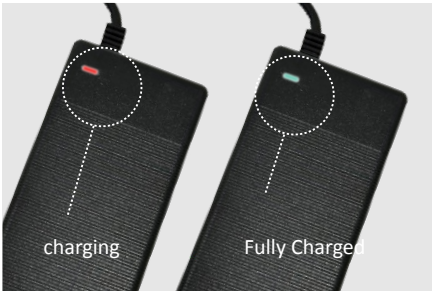
— BATTERY CHARGING GUIDE —

This fat tire electric bike adopts a built-in removable battery, with 2 charging methods: directly charging the ebike and removing the battery to charge. When charging, the charger indicator turns red; when charger turns green, the battery is fully charged.

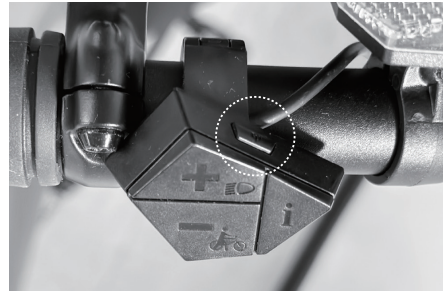
— CHARGING ON THE EBIKE —



1.Remove the rubber cover from the charging port on the ebike frame.



2. Connect the ebike with charger and then plug the charger into a power outlet. When the charger turns red to green, the battery is fully charged.



3. Unplug the charger first, twist the key clockwise to turn on the battery and then press the middle button for 3 seconds to turn on the display. After that, you can check the battery levels.

— CHARGE OFF THE EBIKE —

Remove the battery from the ebike, connect the battery with charger and then plug the charger into a power outlet.

■ How to remove the battery?



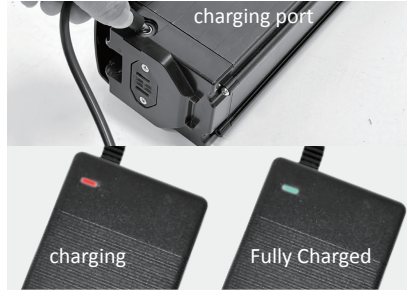
Step 1:
Turn the key to the left until the icon is facing up.



Step 2:
The battery pops out slightly when the icon is facing up.



Step 3:
The battery can be removed slightly.

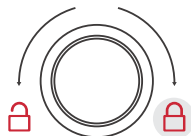


When the charger turns red to green, the battery is fully charged.

Warm Tips:

- When the battery is charging, the LCD display automatically turns off.
- The key is always on the ebike when you use pure ebike mode and pedal assisted mode. Please don't remove the key during your ride. Please keep your keys carefully.

How to twist the key?



The battery is locked in the frame and cannot be removed



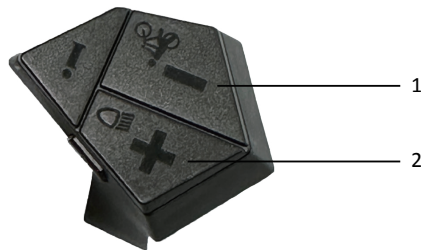
you can take it out

— RIDING MODES —

Normal Bike Mode	Ride it like a common bike without turning on the LCD Display.
Pedal Assisted Mode	Turn on the LCD display and select 1-3 level speed, then pedal the ebike.
Pure Electric Mode	Turn on the LCD display and select 1-3 level speed, then twist the throttle
Booster Mode	Press the "-" button till display shows "P", then the ebike will move at a speed of 6km/h (3.73miles/h) (based on different road conditions). The Booster Mode can be turn off by the brake.

Notes: Press down on the middle button for at least 3s to turn on the LCD display. The speed and riding range are also influenced by riding style, weight, road conditions, etc.

— LCD DISPLAY AND BUTTON —



1. Short press the "i" button to display information that cycles between single mileage (kilometers), total mileage (kilometers), riding time (minutes), and power (W).
2. Press and hold the "-" button to the electric power-assist mode.
3. Press and hold the "+" button for 2 seconds to turn on the instrument and headlights; press and hold the "+" button again for 2 seconds to turn off.
4. Short press the "+" or "-" button to switch the electric vehicle power assist gea.
5. Press and hold the "+" and "-" buttons simultaneously for more than 2 seconds, to the setting mode.

Part 6 SPECIFICATIONS

NAME	SPECIFICATIONS
Model	LSG-VPA045201-V1
Item	20 inch Fat Tire
Ebike Size	5.74FT*4.07FT*1.94FT
E Bike Weight	70.55 lbs
Max Load	335.1 lbs
Max Speed	20 mph
Battery Adaptation	DC 54.6V 3A
Battery	48V 13Ah
Pedal-Assist Mode	Max 50-60Miles
Pure Electric Mode	Max 40-45Miles
Max Angle of Climb	15 Degrees
Charging Time	About 4-5 Hours
Tire Pressure	30 PSI
Frame Material	Aluminum Alloy
Dashboard	LCD Display
Drive Type	Rear Drive
Brake Type	Mechanic Disc Brakes
Gears	Shimano 7-Speed
Motor	High Speed 750W Motor
Tire Size	20inch*4inch

Part 7 USER MAINTENANCE, MOVING AND STORAGE INSTRUCTION

— CLEANING AND STORAGE —

1.If you see stains on the bike body, wipe them off with a damp cloth. If the stains won't scrub off, put on some toothpaste, and brush them with a toothbrush, then wipe them off with a damp cloth.

Notes: Do not clean the bike with alcohol, gasoline, kerosene, or other corrosive and volatile chemical solvents to prevent dire damage. Do not wash the bike with a high-pressure water spray. During cleaning, make sure that the bike is turned off, the charging cable is unplugged, and the rubber flap is closed as water leakage may result in electric shock or other major problems.

2.Please try to store the bike in a cool and dry place between 50°F -77°F (10°C -25°C). In extremely humid environments the interior of the bike may suffer condensation or even water accumulation, which may damage the battery rapidly. Devices are not intended for use at elevations greater than 2000m above sea level prolonged exposure to UV rays, rain, and the elements may damage the enclosure materials, and store them indoors when not in use.

3.Do not put it outdoors for a long time. Excessive sunlight, overheating and overcooling accelerate the battery life span

4.In daily use, try to avoid recharging the bike after completely exhausting the battery. If the battery is low, charge it as soon as possible.

5.Please charge the bike every other month to preserve the battery

— BATTERY MAINTENANCE AND DISPOSAL —

1. Use the original battery, using other models or brands may bring about safety issues;
2. Do not dismantle or puncture the casing. Keep the ports away from metal objects to prevent short circuits which may result in battery damage or even injuries and deaths;
3. Use the original power adapter to avoid potential damage or fire;
4. Mishandling of used batteries may do tremendous harm to the environment. To protect the natural environment, please follow local regulations to properly dispose of used batteries.

— BEFORE RIDE SAFETY CHECKLIST —

Before every ride, we advise you do following the pre-ride safety checklist. Also wear a qualified helmet to avoid any possible injuries during the ride.

Brake	<ul style="list-style-type: none"> ● Ensure front and rear brakes work properly. ● Ensure brake pads are correctly positioned in relation to the rims and are not over-worn. ● Ensure brake cables are correctly adjusted, and no damage. ● Ensure brake levers are lubricated and tightly secured to the handlebar. ● Ensure the brake levers are firm and function properly.
Wheels/Tire	<ul style="list-style-type: none"> ● Ensure the tires are inflated within the recommended PSI 30 ● Ensure the tires are not damaged ● Ensure the wheel is aligned in place ● Ensure all wheel spokes are tightened and not broken.
Cranks/Pedals	<ul style="list-style-type: none"> ● Ensure pedals are securely tightened to the cranks. ● Ensure the cranks are securely tightened and are not bent.
Battery	<ul style="list-style-type: none"> ● Ensure the battery is charged before use. ● Ensure there is no damage to battery. ● Ensure the battery is locked securely by using the keys.
Chain	<ul style="list-style-type: none"> ● Ensure the chain is clean, oiled, and runs smoothly.
Derailleur/Cables	<ul style="list-style-type: none"> ● Ensure that the derailleur is functioning properly. ● Ensure the shifter is attached to the handlebar securely. ● Ensure all the cables are no damage.
Motor/Throttle	<ul style="list-style-type: none"> ● Ensure hub motor is spinning smoothly. ● Ensure the throttle can work well.
Fork/Seat	<ul style="list-style-type: none"> ● Ensure the frame and fork are not bent or broken. ● Ensure the seat is in a comfy position according to your height. ● Ensure the quick-release lever for the seat post is tightly fastened.
Accessories	<ul style="list-style-type: none"> ● Ensure all reflectors are fitted in place. ● Ensure the light and horn work well.

Part 8 WARRANTY AND CUSTOMER SERVICES

— WARRANTY —

We provide one-year warranty for the ebike components and tech support. If there is a defects when you receive the package and a damage under normal use during the warranty period, we will resend you a new part and help you solve the problem.

Note: The Warranty does not apply to any damage due to improper use, failure to follow the incrustations, unauthorized maintenance and repair, external causes such as accidents, abuse other force majeure.

— CUSTOMER SERVICES —

Your satisfaction is our top priority. We provide lifelong technical support. If there is any issue with the ebike, don't hesitate to contact our customer services. Find your order, then send us the relevant photos and videos. We will respond soon on Business day.

— FCC STATEMENT —


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

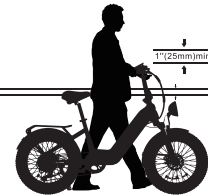
- (1) This device may not cause harmful interference
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

 FOR YOUR SAFETY, PLEASE WEAR A HELMET DURING YOUR RIDE.



Stand over the bicycle and straddle the top tube proper clearance is a minimum of 1" (25mm) between highest part of the top tube inseam of the rider.

— GENERAL —

Vanpowers bikes come with a limited warranty of up to 6 years from the date of customer receipt. If the e-bike is transferred to another owner, this warranty remains valid. Warranty claims must be made directly to Vanpowers. Any repairs during the warranty period must be carried out by Vanpowers or with prior approval from Vanpowers. Otherwise, Vanpowers reserves the right to deny warranty claims.

— PARTS COVERED BY WARRANTY —

ACCESSORIES	WARRANTY PERIOD	ACCESSORIES	WARRANTY PERIOD
Frame	6 years	Battery	2 years & 500 charge-discharge cycles
Suspension fork	1 year	Controller	2 years
Chain wheel	1 year	Tires	1 year
Handlebar	1 year	Pedals	1 year
Seat post	1 year	Kickstand	1 year
Chain	1 year	Bottom bracket	1 year
Gearbox	1 year	Brake crank	1 year
Disc brake	1 year	Saddle	1 year
Handlebar grip	1 year	Motor	2 years
Lights	1 year	Sensor	2 years
Throttle	1 year	Display	1 year
Rim	1 year	Charger	1 year
Mud guard	1 year	Rear rack	1 year

— Limited Warranty Guide and Exceptions —

During the warranty period, if any core components are damaged, we will provide a new e-bike free of charge. If any non-core components within the warranty scope are damaged, we will send replacement parts free of charge, including shipping. After the warranty period expires, customers will need to purchase replacement parts/accessories themselves and pay for shipping.

Warranty does not cover any consumables, any non-original or unauthorized parts, any cover parts subject to normal wear and tear, damage due to non-compliance with the user manual, force majeure, accidents, theft, deliberate damage, misuse, negligence, abuse, alterations, modifications, improper assembly, incorrect usage, water damage, extreme riding, stunt riding, or improper/unauthorized maintenance and service.

For the battery, warranty does not cover damage caused by improper charger usage, improper maintenance, or another misuse, normal wear and tear, water damage (the battery should be stored in a dry environment with relative humidity below 85%), or improper usage, storage (battery storage temperature should ideally be controlled between 10-25 ° C), and wear parts (including but not limited to tires, inner tubes, brake pads, suspension components, and cables) are not within the warranty scope. If needed, we still offer assistance for these parts at a reasonable price.

