



cBike 1

cBike 1V

User Guide

KESKIN
eBIKE



At Keskin E-Bikes, we are firm believers in the future of micromobility and the incredible potential of green energy. With our extensive experience and expertise, we are dedicated to providing high-quality and affordable products and services throughout the European market. Our reach extends to more than 50 countries worldwide, where Keskin products have made a significant impact.

Our mission is to revolutionize urban transportation, ensuring it becomes not only more enjoyable but also more comfortable, efficient, and environmentally friendly. We strive to deliver a riding experience that surpasses expectations, combining cutting-edge technology, sleek design, and a relentless commitment to exceptional customer care.

With every innovation, we aim to redefine the way people move within cities. Our vision goes beyond mere convenience; it encompasses a sustainable future where our customers can seamlessly navigate urban environments while minimizing their carbon footprint.

Join us in embracing the new era of micromobility, where efficiency and eco-consciousness converge. Experience the thrill of riding with Keskin E-Bikes, where our passion for excellence drives us to create a greener, smarter, and more enjoyable urban commuting experience for all.



Index

Technical Specifications	4
What's in the box	6
E-Bike Parts and Component Names	7
E-Bike Assembly	8
Mobile App	12
Smart Operating Components	13
Instructions for Using the Display Meter	14
Safety Instructions	17
Maintenance and General Troubleshooting	20
Warranty	21
Items Covered by Warranty	22

cBike 1



Color: Matte Black & Sand

Type: Step over

Rider Height	Optimal for 170-190 cm (Frame size: 51 cm)
Dimensions	183 x 103 cm
Range/Battery Capacity	ca. 70 km / 432Wh
Charge Time	6-6.5 hrs
Motor Position	Rear Motor
Motor Torque	46Nm
Assist Levels	5 Levels
Tires	28 x 1.75"
Frame	Alloy Frame
Weight	25 Kg
Speed	≤25 km/h
Brakes	Mechanical disc brakes
Display	Integrated display
Connectivity	APP & Bluetooth
Gears	Shimano 8-speed
Maximum Load Capacity	120 Kg
Battery Integration	Integrated and removable battery

cBike 1V



Color: Matte Black & Sand

Type: Step through

Rider Height	Optimal for 150-170 cm (Frame size: 46 cm)
Dimensions	177 x 88 cm
Range/Battery Capacity	ca. 70 km / 432Wh
Charge Time	6-6.5 hrs
Motor Position	Rear Motor
Motor Torque	46Nm
Assist Levels	5 Stufen
Tires	26 x 1.75"
Frame	Alloy Frame
Weight	25 Kg
Speed	≤25 km/h
Brakes	Mechanical disc brakes
Display	Integrated display
Connectivity	APP & Bluetooth
Gears	Shimano 8-speed
Maximum Load Capacity	120 Kg
Battery Integration	Integrated and removable battery

What's in the box

▲ Kind Tips: Do not use the electric bike before carefully reading this user guide. Please keep the product manual properly.

Charger



x1

Charger AC
wiring harness



x1

Pedal



x2

Key



x2

Open-end
wrench 13&15



x1

4 & 5 & 6
Combined
triangle wrench



x1

L-shaped cross
wrench UCP



x2

Wheel reflector



x4

Front reflector



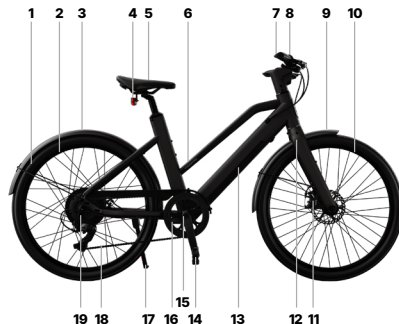
x1

E-Bike Parts and Component Names

cBike 1 Parts Position



cBike 1V Parts Position



1 Tires

2 Rear rim

3 Rear fender

4 Rear tail lamp

5 Saddle

6 Frame

7 Handlebars

8 Headlights

9 Front fender

10 Front rim

11 Front disc brake

12 Front fork

13 Battery compartment

14 Pedal

15 Crank

16 Front chain ring

17 Parking rack

18 Rear disc brake

19 Motor

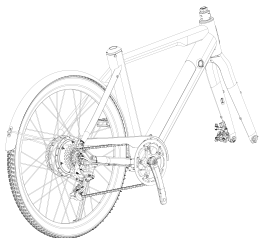
E-Bike Assembly

Scan the QR Code to watch
the assembly video.



1

Remove the complete vehicle and disassembled parts from the packaging box, ensuring to remove all protective pearl cotton and front fork protection bars.



2

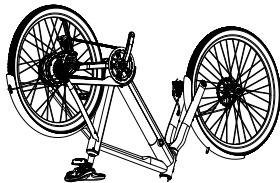
Start by removing the seat tube clamp plug. Insert the saddle assembly into the seat tube and adjust the seat cushion height to your preference. Align the seat cushion properly and tighten the seat tube clamp screws. Once the seat cushion is securely in place without any wobbling, you can fasten the seat tube clamp plug.



4 & 5 & 6 Combined triangle
wrench x1 UCP x1

3

Turn the bike upside down. Remove the front wheel and fender. Begin by loosening the cap nuts and inspecting the washers at both ends of the front wheel. Then, position them onto the front fork and securely tighten the screws. Reattach the front fender and tighten the screws.

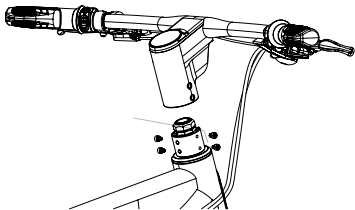


4 & 5 & 6 Combined triangle
wrench x1 UCP x1

E-Bike Assembly

4

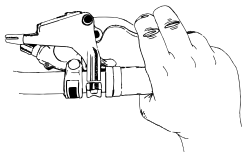
Remove the sets of locking screws located on the left and right sides of the stem. Position the handlebars near the stem, organize the wiring harness neatly, and then insert the handlebars into the front fork stem. Tighten the screws securely.



4 & 5 & 6 Combined triangle wrench x1 UCP x1

5

Press the brake lever and insert the brake cable into the brake cylinder. Then tighten the cable adjusters until the brake lever is about two finger widths from the handlebar grip position.



6

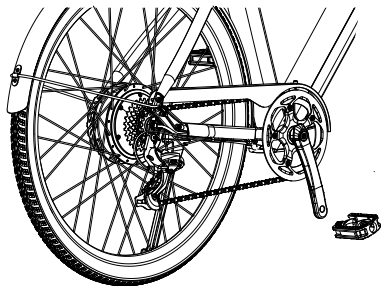
Locate the attachment points on the fork. Then place the mudguard over the wheel and align the mounting holes. Secure the mudguard to the fork with screws or bolts. Adjust the mudguard so that it runs parallel to the wheel and provides enough space for the tyre. Finally, tighten all screws or bolts to ensure that the mudguard is securely attached to the fork.



E-Bike Assembly

7

Take the pedals out of the accessory box and proceed to install the cranks. Make sure to differentiate between the left and right sides.



Open-end wrench
13&15 x1

8

Attach the front wheel reflector ¹, the rear wheel reflector ², and the front reflector ³ during the assembly process.



L Shaped CrossWrench

E-Bike Assembly

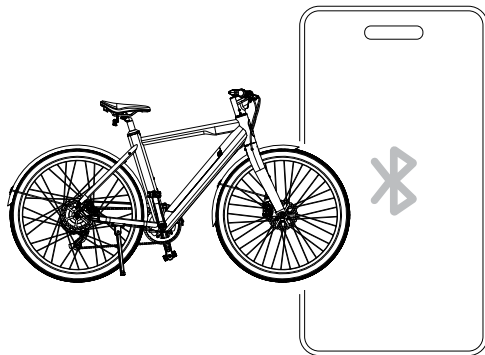
9

Insert the battery into the bicycle and press and hold the power button on the meter to check if the entire E-Bike is powered on.
The assembly is now complete.



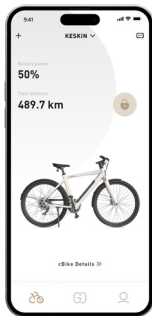
10

To start using your E-Bike, download the Keskin App from App Store or Google Play and register your E-Bike.



Mobile App

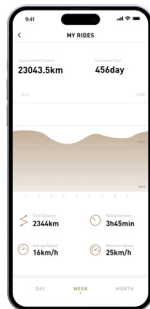
Connect your bike to your phone and enjoy the perfect riding companion. Keep track of your bike's status any time.



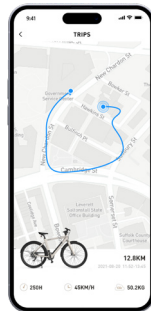
With our Smart Lock technology, simply tap your phone's screen to lock and unlock your e-bike. Easily check the remaining battery life and calculate your estimated range.



Stay informed about your e-bike's real-time location to monitor your trips, track your mileage, speed, and even your contribution to reducing emissions.



With the Keskin mobile app, you can access detailed activity logs, including connected days, total distance traveled, riding duration, and average speed. Share the joy of riding with your family and friends by sending them a QR code. Get ready for even more thrilling rides.



Smart Operating Components





Smart Switch

- 1 Power Switch
- 2 + Button
- 3 - Button


Integrated Display



- 1 Battery power display
- 2 OAT indication
- 3 Locking indication
- 4 Fault indication
- 5 Speed Unit - Inch
- 6 Speed Unit - Metric
- 7 Mileage Unit - Inch
- 8 Mileage Unit - Metric
- 9 Bluetooth indication
- 10 Headlight indication
- 11 Power-assisted indication
- 12 Gear indicator
- 13 Speed indicator
- 14 Mileage indicator

Display meter using instructions



Power On-Off: By long-pressing the  button, the display will power on and activate the controller. When the device is powered on, a long press of the  button will turn off the electric vehicle. When the device is powered off, the display will no longer consume battery power, and the display's standby current will be less than 1uA. If the electric bike remains inactive for more than 5 minutes, the display will automatically power off.


If the electric bike is not used for more than 5 minutes, the display will automatically power-off.

Display interface: Once the display is powered on, it will show the real-time speed and total mileage (km) as the default view. A short press of the  button allows you to switch the display information between total mileage (km) and single mileage (km).

Power-Assist Mode: Press and hold the  button for 2 seconds to activate the electric bike's power-assist mode. The screen will display the power-assist symbol. Release the  button to instantly cease power output and return to the previous mode before power-assist.

The power-assisted push function is designed to be used only when the user is manually pushing the electric bike. Please refrain from using it while riding.

Headlight On-Off: Press and hold the  button for 2 seconds to activate the headlights. The display will dim to indicate their activation. When riding in low-light conditions or at night, you can turn on the headlights for better visibility. To turn off the headlights, press and hold the  button for 2 seconds again. The display will return to its original brightness, and the headlights will be deactivated.

Power-Assist Gear Selection: Short press the  button to switch between power-assist gears and adjust the motor's output power. The default power range displayed on the screen is 0 to 5 gears (or as per order specifications). Gear 0 stops power output, while gear 1 provides the lowest power level, and gear 5 offers the highest power level. When the display is turned on, it defaults to gear 5, and subsequent power-on will retain the last used gear as the default.

Battery Power Display: The battery level is indicated by a five-segment display. When the battery voltage is high, all five segments will be lit. If the battery is low, the outer frame of the battery indicator will flash at a frequency of 1Hz (based on the battery capacity percentage or order requirements) to indicate the need for immediate charging.









Error Code Display: In the event of an electronic control system failure in the electric bike, the display will automatically show




Display meter using instructions




the corresponding error code. For detailed information on error code definitions, please refer to Appendix 1.




It is important to promptly address any displayed error code to ensure the normal functioning of the electric bike, as riding will not be possible until the issue is resolved.




Settings: The display allows for the adjustment of certain internal parameters through button operations, including: Unit selection (metric or imperial), backlight settings, sleep mode activation, and single mileage reset.

Operation Settings: To access the settings menu, press and hold both the  and  buttons simultaneously while the system is powered on. This will activate the settings interface, where display parameters can be adjusted. Press and hold the  button for 2 seconds to exit the settings mode. If no operations are performed within 30 seconds in the settings mode, the display will automatically return to the normal riding state. While in the settings mode, short press the  button to switch between different setting items. When a setting item is selected, it will start flashing, and the  and  buttons can be used to adjust the corresponding values. After completing the adjustment for a setting item, short press the  button to save the changes, or long press the  button to exit the settings mode and return to the normal display interface.

Metric and Imperial Selection: The speed location will display **P1**, and by pressing the  and  buttons, you can switch between mph and km/h display units. After making the selection, short press the  button to save the changes.

Display Backlight Brightness: The speed location will display **P4**. Use the  and  buttons to adjust the brightness level from 0 to 5, with 1 being the dimmest and 5 being the brightest. After adjusting the brightness, short press the  button (<0.3 seconds) to confirm and proceed to the automatic shutdown time setting interface. The default backlight brightness of the display is set to 5.

Automatic Shutdown Time: The speed location will display **P5**. Use the  and  buttons to select a value from 0 to 9, representing the automatic shutdown time in minutes. Setting the value to 0 will disable automatic shutdown. After making the selection, short press the  button to save the changes. The default automatic shutdown time of the display is set to 5 minutes.

Restore Factory Settings: The speed location will display **P6**. Use the  and  buttons to select either **Y** or **N**, where **N** signifies no restoration of default settings and **Y** signifies restoring the default settings. Short press the  button to confirm the selection, save the changes, and exit to the normal display interface.

Appendix 1

No	Codes	Definition	Troubleshooting
1	0x30	Over-current protection	Replace controller
2	0x31	UVL (undervoltage protection)	Timely charging
3	0x32	Over-voltage protection	Battery voltage is too high and needs to be discharged.
4	0x33	Shaft lock protection	Exceeding e-bike load
5	0x34	Handlebar failure	Check handlebar
6	0x35	Handlebar is not in place.	Check handlebar
7	0x36	Brake failure	Check handlebar
8	0x37	Motor Hall fault	Check brake
9	0x38	Motor phase lead fault	Replace motor
10	0x39	Motor temperature fault	Replace motor
11	0x3A	Motor temperature sensor failure	Replace motor
12	0x3B	Current sensor failure	Replace motor
13	0x3C	Controller temperature is too high	Replace controller
14	0x3D	Controller temperature sensor failure	Replace controller
15	0x3E	Speed sensor failure	Replace motor
16	0x3F	Sensor voltage signal failure	Replace the speed sensor

No	Codes	Definition	Troubleshooting
17	0x40	Sensor pedal signal failure	Replace speed sensor
18	0x41	MOS drive power failure	Replace controller
19	0x42	Button detection circuit failure	Replace buttons
20	0x43	Watchdog fault	Shutdown and restart first
21	0x44	Headlight failure	Check headlights
22	0xD0	Battery communication failure	Non-approved battery
23	0xD1	Controller failure	Check the docking piece first
24	0xDF	CAN bus fault	Shutdown and restart first
25	0xE0	Bluetooth module failure	Replace display
26	0x10	Total voltage is too high	The battery voltage is too high and needs to be discharged.
27	0x11	Total voltage is too low	The battery is under voltage and needs to be charged in time.
28	0x12	Current is too large	Reduce the current
29	0x13	The cell voltage is too high	The battery voltage is too high and needs to be discharged.
30	0x14	The cell voltage is too low	The battery is under voltage and needs to be charged.
31	0x15	Temperature is too high	Waiting for the battery to cool down
32	0x16	Temperature is too low	Battery temperature needs to be raised.



Safety Instructions

Warning & Caution

For your personal safety, it is important to adhere to traffic laws and prioritize safety. Please take note of the following guidelines:

- Individuals under the age of 15 are strictly prohibited from riding electric bikes on public roads.
- Electric bikes should be ridden in designated non-motorized vehicle lanes, with a maximum speed not exceeding 25km/h. In the absence of such lanes, they should be ridden on the right side of the road.
- Do not lend the electric bike to individuals who are incapable of operating it, as this may lead to potential injuries.
- Please be aware that different countries may have specific regulations governing the use of electric bikes. It is the responsibility of the rider to familiarize themselves with and abide by these regulations.

Electric bikes should be operated in accordance with applicable laws and regulations.

- It is strongly recommended to wear a helmet while riding.
- When riding in rainy or snowy conditions, the braking distance may be extended, so it is important to slow down and exercise caution. It is advisable to avoid traveling in severe weather conditions such as heavy rain.

To ensure your personal safety, please consider the following electric bike safety guidelines:

- Do not park electric bikes in building foyers, evacuation stairs, walkways, or safety exits.
- Electric bikes should not be charged or parked inside residential buildings. During charging, keep them away from flammable materials, and avoid excessively long charging times.
- Follow the proper usage and maintenance instructions for the batteries as specified in the user manual. Do not disassemble the batteries without authorization and make sure to recycle them through appropriate authorities.
- The charger should be used and maintained in accordance with the instructions provided in the manual. Carefully read the charger's warning labels before use. When replacing the charger, ensure that it matches the battery model.
- Prior to washing the electric bike, familiarize yourself with the "Washing Precautions" outlined in the Product Manual.

- Exercise caution when adjusting the handlebar or saddle to prevent the safety marks on the handlebar and saddle's standpipe from being exposed.

Before riding, perform a pre-ride check for any abnormalities and promptly address them or seek professional assistance, including:

- Status of the power circuit and lighting circuit.
- Proper functioning of the front and rear brakes.
- Tightness of the handlebars and front and rear wheels.
- Tire pressure.
- Condition of reflectors for any damage or contamination.

Riding guidelines to keep in mind:

- Cyclists should maintain high focus, attentively observe passing pedestrians and vehicles, and yield to them accordingly.
- Avoid riding after consuming alcohol. Individuals with high blood pressure, hernia, post-concussion sequelae, epilepsy, vascular disease, or other conditions prone to sudden health issues are not permitted to ride electric bikes.
- Do not hold onto other vehicles or follow closely behind motor vehicles, as they may slow down or make sudden turns. Maintain a safe distance and be prepared to brake at any time.

- Avoid touching objects on the road, such as balls, with your feet while riding.
- When riding at high speeds, brake gradually and avoid sudden braking under any circumstances.
- When riding at night, keep in mind that even with street lights, the illumination is only 1/10 of that during the daytime. Adjust your speed accordingly and ride with extra caution.
- Whenever possible, ride in designated bike lanes or along the edge of the road, in the direction of traffic flow.
- Come to a complete stop at stop signs, proceed slowly, and carefully watch for traffic at intersections.
- Wear brightly colored clothing that allows for freedom of movement. Avoid wearing tight-fitting clothing with open cuffs. It is recommended to wear jackets, boots, trousers, gloves, and other protective gear to prevent chafing. Avoid loose clothing or excessively long garments that could become entangled in the moving parts of the electric bike.
- Select appropriate safety equipment based on the type of riding you plan to do. It is advisable to wear sports sunglasses to reduce UV damage to your eyes and protect them from tree branches, sand, and flying debris.
- Regularly perform maintenance and inspections on your electric bike.
- Avoid replacing parts yourself to prevent damage and potential hazards.

- If riding at night, ensure your vehicle is equipped with proper lighting, including headlights.
- If any parts become damaged during your ride and compromise safety, stop riding immediately.
- Avoid listening to loud music while riding, as it can be distracting and prevent you from hearing shouts or vehicle horns behind you, posing a safety risk.
- If any issues arise while riding, promptly take your electric bike for repair.

Notes on washing your electric bike:

- Avoid directly spraying water on the motor, front, and rear axles to prevent water from affecting their performance and service life. Do not use steam or high-pressure water guns when washing the electric bike.
- After washing the electric bike or riding in wet conditions, pay special attention to the functioning of the brakes. The braking effectiveness may be reduced after washing or riding in water, so ride slowly and prioritize safety during such conditions.

Maintenance and General Troubleshooting

Warning & Caution

• Check of handlebars and front and rear wheels

Swing the e-bike up, down, front, rear, left and right to check whether the handlebar and front and rear wheel fixing screws are loose; whether the steering of the handlebar is too tight and whether there is any impact; push the e-bike back and forth to check whether the front and rear wheels rotate smoothly, there is no abnormal sound or not; carefully check the e-bike before riding, if there is any abnormality, please repair it in time or seek professional maintenance.

• Power circuit, and lighting circuit

Turn on the power supply, operate the lighting switch, check whether the headlights are lit, and whether the headlights are normal; check whether the appearance of the lighting is damaged; check whether the power line connection of the e-bike is stable, and check whether the terminals and connectors are loose.

• Check of front and rear brakes

Adjustment of the brake lever stroke: squeeze the front and rear brake levers, and confirm whether the brakes work when the distance between the brake lever and the handlebar is 1/2.

The adjustment method of the front and rear brakes: the specified distance between the brake and the brake lever is between 10-20mm. When the brake lever is tightly gripped, the brake pads and the brake disc can be evenly contacted. The brake pads and brake discs shall be replaced at the same time (the adjustment of the rear wheel is the same as that of the front wheel).

• Battery installation status

Confirm that the battery is in a fixed state.

• Adjustment of the saddle

The appropriate height of the saddle is to straddle the saddle, and the toes of both feet just touch the ground.

• Damage or contamination of reflectors

Check whether the reflector is dirty or damaged, in case of any dirt or damage, it cannot be used.

• Fixed state of the carriage axle

Please confirm whether the front and rear axles of the wheels are shaken and loose.

• Tire inflation, friction, damage

Make sure the tires are properly inflated. Improper inflation can cause tire blowout and loosening of various parts of the e-bike.

Also, check for friction, foreign objects, or nails.

• Adjustment of running parts such as pedals

The pedals should rotate smoothly. If there is loose, please tighten.

• Charge and discharge ports

Please make sure that the charging and discharging ports are not damaged, that foreign matter is not mixed in, the ports are not deformed, and the cover is not broken.

Warranty

Dear users: Thank you for using the electric bikes produced by our company. In order to protect your legal rights, please keep the manual properly.

Warranty principle:

- When you use the electric moped, please inspect and debug it on the spot, and have the right to ask the salesperson to provide the correct operation method and maintenance items, provide a valid e-bike purchase ticket and warranty card, and the address and contact number of the warranty unit.
- Users should operate correctly according to the Product Manual. Any performance failure due to production quality reasons, the company will perform the warranty obligations

Warranty service is not available in the following cases:

- Normal wear and tear of components (brake pads, brackets, tire tubes, tires, disc rotors, rim brake surfaces, bulbs, and brake fluid).
- Improper assembly or failure to follow manufacturer's assembly requirements.
- Improper use of the product (eg in extreme mountain topography).
- Corrosion after 24 months warranty period.
- Install those components, parts or accessories that are not

intended for or compatible with the e-bike sold originally.

- Some damage or malfunction caused by accident, misuse, abuse or negligence.
- Labor costs for replacement or conversion of components and parts that are deteriorated with normal wear and tear.
- The warranty does not cover failure problems associated with improper handling in the event that maintenance measures are not in accordance with the manufacturer's recommendations. The warranty applies accordingly only if regular maintenance is carried out.
- Decreasing of battery capacity over time depending on usage.

Special statement:

Keskin's liability is limited to product repair or replacement. If you still need service after the product is out of warranty period, Keskin will charge the appropriate parts, labor and shipping costs incurred. In the event of a conflict between this warranty statement and the law in force in the place of sale, the law in force in the place of sale shall prevail. Keskin reserves the right to modify the above terms without prior notice.

Warranty items

No	Parts Designation	Warranty Time	Warranty Conditions
1	Front fork, frame	24 months from the date of sale	Fracture, open welding - excluding normal wear and tear.
2	Brakes, gear levers, derailleurs, flywheels	24 months from date of sale	Structural damage, not functioning properly - excluding normal wear and tear
3	Motors, battery packs, meter, controllers, chargers	24 months from date of sale	Structural damage, not functioning properly - excluding normal wear and tear.
4	Handlebar, kickstand, grab handle, bell, foot pedals, upper & lower tube covers (plastic), and standpipe rubber sleeve	24 months from date of sale	Structural damage, deformation, and breakage - excluding normal wear and tear.
5	All other parts of the product	24 months from date of sale	Not functioning properly - excluding normal wear and tear.

Warranty Description

- All parts of the e-bike will be guaranteed strictly according to the warranty period.
- Unauthorized disassembly of the controller, charger, battery, and motor will void the warranty.
- For other parts of the e-bike, except for quality problems, other parts are not guaranteed.
- When the whole e-bike fails, the maintenance operation must be carried out at the designated maintenance point, and the accessories must not be disassembled without permission; it must be ensured that all labels on the controller, battery, and charger are complete, and man-made damage is not allowed.

- The invoice and other relevant documents must be presented when the e-bike is being repaired.
- The controller shall be repaired in maintenance way, and the replacement of the controller must ensure that the plug-in is complete for inspection. If the controller cannot be repaired, it will be replaced with a new controller. If the controller is artificially damaged, the warranty will not be given.
- Pay attention to the maintenance of the whole e-bike, try to avoid riding in the water, and if the electrical parts are damaged due to water ingress, the warranty will not be given.



**Sit on and
discover the new
way of mobility**





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