Thank you for purchasing AE20C-02 Follow and ride smart suitcase.
Please read this product manual carefully before use and follow all instructions, cautions and warnings contained in this manual.
Failure to do so may result in product damage and will not be covered by the warranty.
Please keep the product manual in a safe place.

WeChat official public number

product list

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二 Products and accessories ---------- 2
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1 Quick start

The first step. Scan code to pay attention to the official WeChat public number, you can get the APP download link

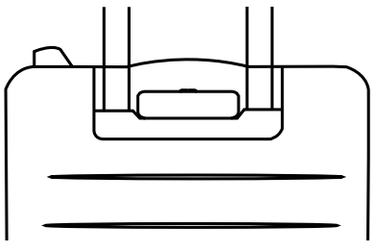
WeChat official public number

WeChat Official subscription number

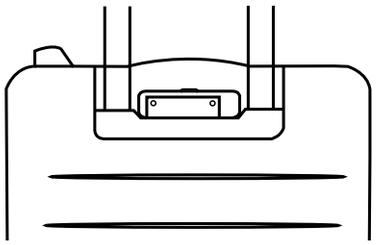
APP scan code download

Step 2. Download and install the app

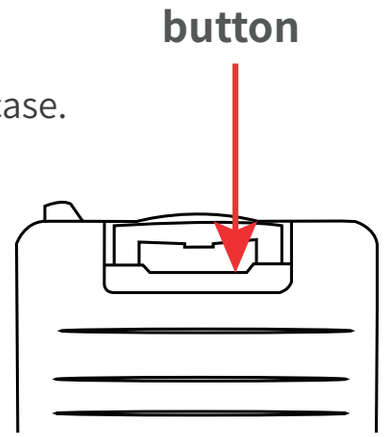
Step 3. Open the front cover, install the battery, and start the smart suitcase.



1.Open the plastic front cover



2.Install battery



3.Press the On/Off button to turn it on, Press and hold the On/Off button to turn it off.

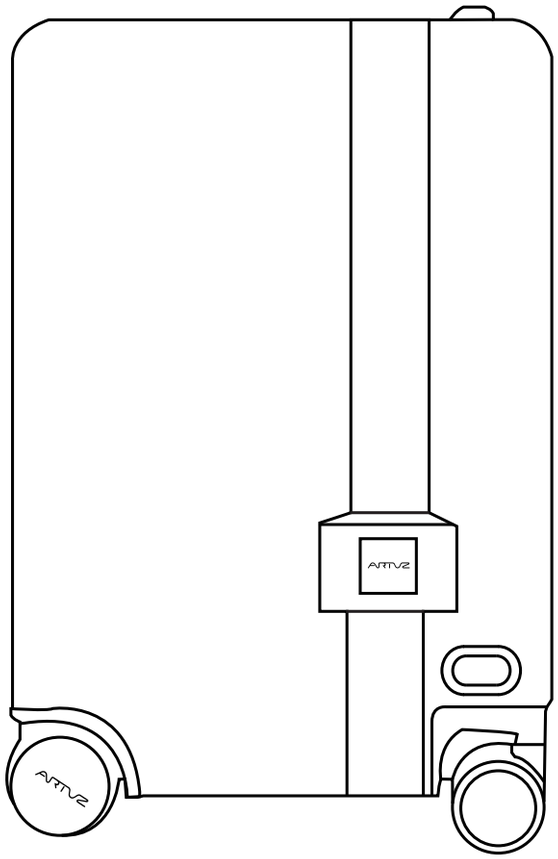
Step 4. Open the app and match it with the phone to match (password 888888)

Step 5. After the match is successful, you can use the APP to control

Step 6. After completing the match, proceed to control

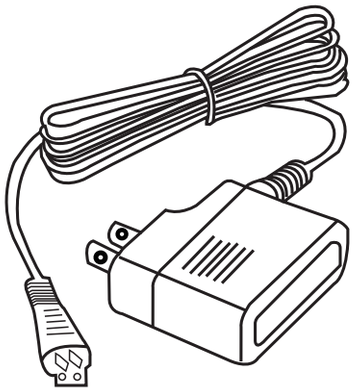
APP can only perform riding control, can not control automatic follow,Batteries can be plugged in front and back.

2 Products and accessories

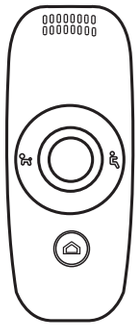


Follow and ride smart suitcase

battery

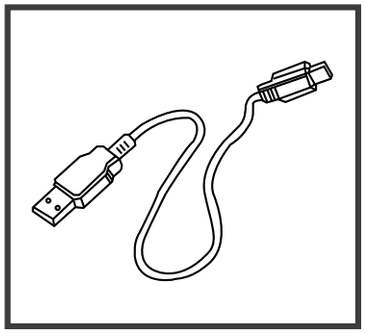


Power Adapter



Remote control

Instruction manual



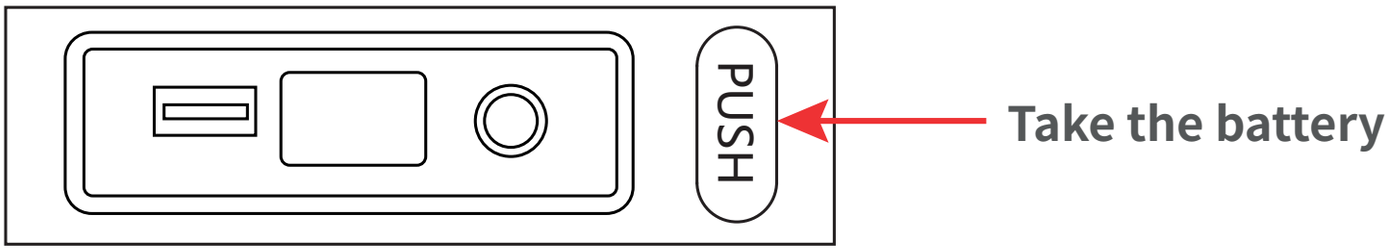
Charging Cable

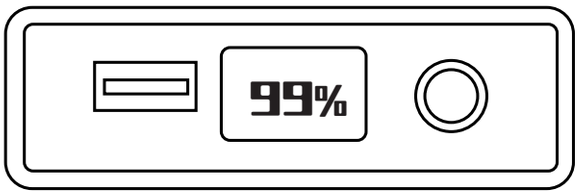
When taking the battery, turn the cover to the vertical position to prevent the battery from bouncing against the cover.

3 Qroduct manual

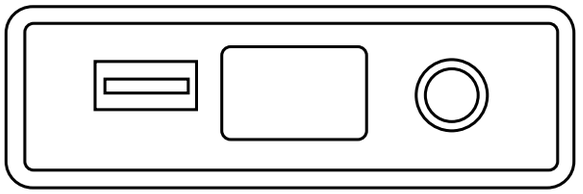
Product Description: The lower side of the lever is the power of the love luggage smart phone, the power can be removed as a charging treasure.

1) Start the machine: press the power switch, the power display screen lights up, it is turned on.
2) Turn off the machine: Press and hold the power switch, and the power display screen will be turned off.
3) USB charging port: Plug the charging device into the USB charging port through the charging cable, and the power screen will light up, that is, power the device.
4)Charge the machine power; press the PUSH button on the right side of the power supply, the machine power is ejected, and the power is removed. There is a DC5.5 charging interface on the side of the power supply, and the charger can be connected.
5) Power Charger: When the power charger is connected to the power supply, the indicator light is red and charging is in progress. When the indicator light is green (or blue), the battery is fully charged. (According to the color of the charger indicator, the power display screen shows that the power is sometimes virtual)





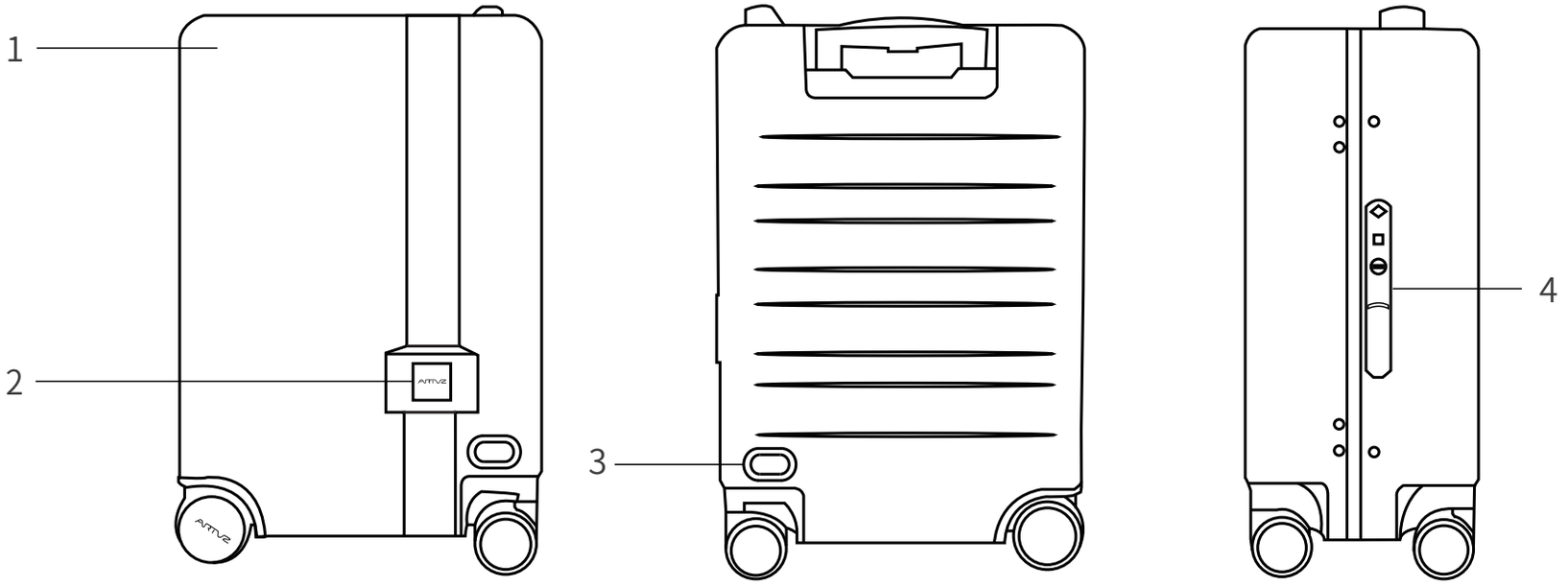
Boot

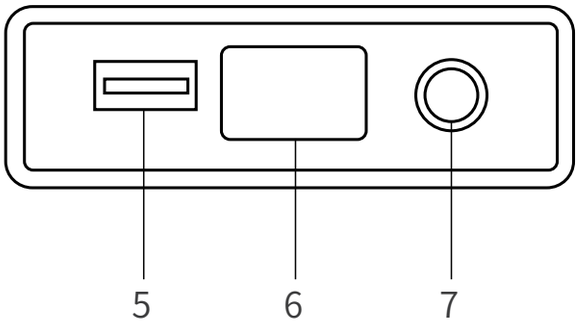


Shut down

4 Understand ARTVZ smart follow suitcase

1. Main box 2. 'ARTVZ' Logo 3. Telescopic pedal 4. Fingerprint lock 5. USB charging port
6. Battery display screen 7. On/Off button





If the power supply is about 30%, the luggage may not work. This is normal. It is not a product quality problem. About 30% of the power can be used as a USB output.

5 Product parameters

Luggage parameters:

Basic Information	size	355X235X525mm
	weight	5.5KG
	Volume	36L
	Box material	Bayer PC
	Box material	Fabric material
Motor specifications	Quantity	2
	power	150W
	Torque	2.0N · m
	Maximum speed	7Km/h
Intelligent function	Smart follow	
	One-click riding	
	APP manipulation	
	Three-in-one fingerprint lock	
	Automatic recall	
	Lost reminder	
	Externally disassembled battery	
	Power display	
Battery specification	capacity	3180mAh/80.1Wh
	weight	480g
	Charging voltage	29.4V
	Charging time	3.5H
	USB output	5V/2.1A
	Power Output	24V/6A
	recharge mileage	Riding 7 km, following 10 km

6 TSA fingerprint lock description

1)Fingerprint entry:

First touch the fingerprint module,Press the setting button (SET) on the back to enter the fingerprint entry status. At this time, the LED blue light flashes quickly. Please press the finger fingerprint that needs to be entered. Each time the fingerprint is successfully captured, the blue light will be extinguished once and then continue to flash quickly. After the success, the green light is always on, and the fingerprint is successfully entered. If the red light is on, it means that the fingerprint input failed. You need to continue pressing the finger to be entered. After the fingerprint input error of the same group is accumulated 4 times, the red light is on, indicating that the fingerprint has failed to be entered, and the fingerprint needs to be restarted.

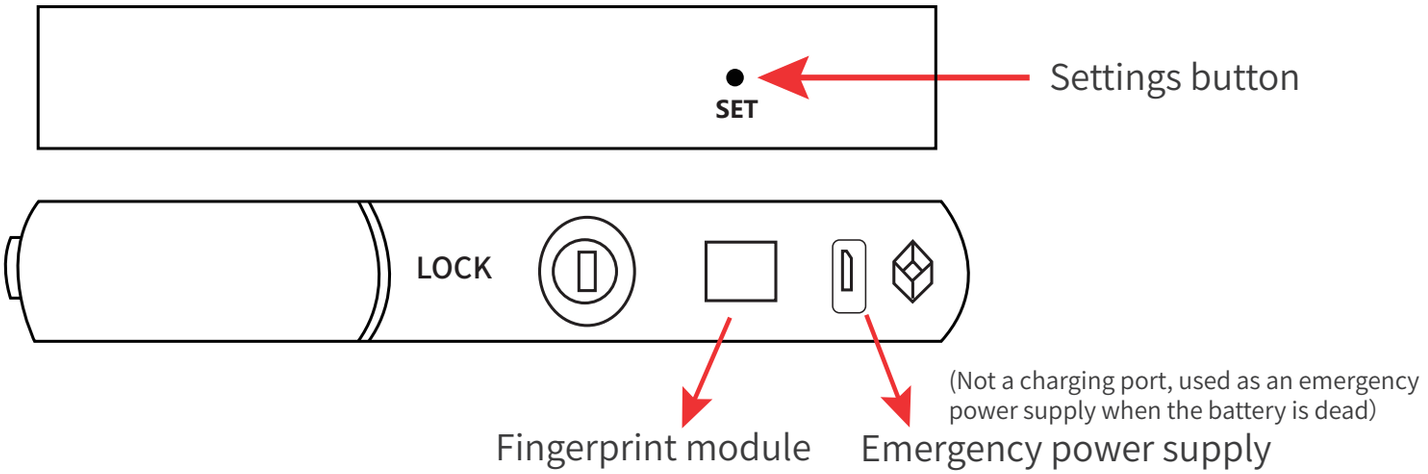
2)Fingerprint unlock:

Pressing the finger that has been successfully entered, the fingerprint is correct, and the blue light flashes, the sound of the motor rotation will be heard. At this time, it is unlocked. After 10 seconds, the motor will rotate and the lock will be locked automatically. If you press your finger and it flashes red, it means that the fingerprint does not pass or the fingerprint is incorrect. You need to press the finger that has entered the fingerprint again.

When shipped from the factory,any finger can be unlocked when the lock does not store fingerprints

3)Fingerprint delete：

Press and hold the setting button until the red light flashes and the light is on, the fingerprint is deleted successfully.



In the process of use, there is no battery, no lock can be unlocked, you can use the USB port external power supply (charge treasure, etc.) emergency unlock

Note: The box body is made of German Bayer PC material, which belongs to the soft box series. In order to ensure smooth opening and closing, do not put too much baggage. In order to prevent the box from opening, it is strictly forbidden to squeeze the box to lock the fingerprint lock.

6 TSA fingerprint lock description

Smart lock lighting system:

colour	Flashing frequency	status
blue	Gradually brightening	Fingerprint status
blue	After gradually getting darker, it flashes twice immediately	Boot
blue	After flashing twice quickly, fade in and fade out once	Electronic lock unlock
blue	Gradual lightening	Electronic lock normally closed
blue	Lighten up quickly	Shut down
red	Gradually brighten and darken many times	Delete fingerprint
green	Close after long light	Fingerprint entry succeeded
red	Gradual lightening	Fingerprint recognition error

7 Remote control instructions

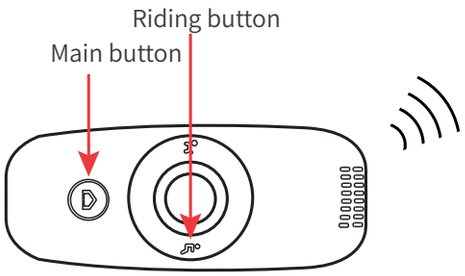
The remote control has been paired successfully at the factory and does not need to be paired again:

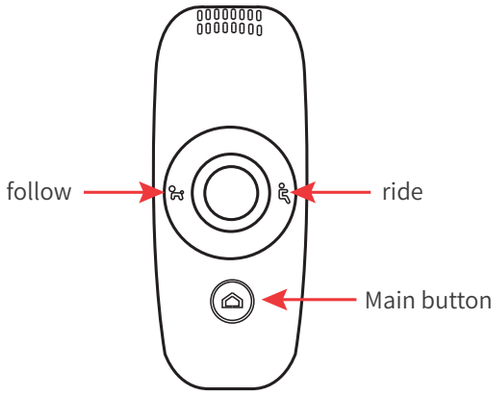
Remote control pairing:

Press the main button and the ride button at the same time, press and hold 1S until the buzzer emits a drop, drop, ... slow cycle sound, the LED of the ride button will flash at the same frequency, and the main button The LED is long bright.

Then the user aligns the main button with the hole of the motor board. If the pairing is successful, the buzzer will slam the drip 5 times, and the LED will flash 5 times, then return to normal. The buzzer in the cabinet is also drastically dripping 5 times.

If it is not successful, then the drop of the remote control, the slow cycle will continue to ring, and the LED will also strobe. The buzzer and LED are automatically turned off after 2 minutes. End the pairing.





Remote control operation:

1) Remote control battery display: When the main button is pressed, the main button will flash, flashing four times is about full power, flashing three times is about 75% of the power, flashing two times is about 50% of the power, flashing about 25% of the power.

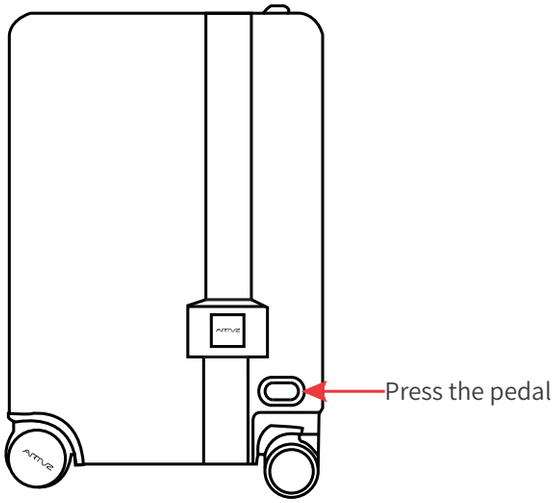
2) Follow mode: Start the trunk power switch and the remote control power switch, click on the puppy pattern on the remote control to open the follow mode, the box will follow closely behind, please be careful not to block the follower module on the trunk. The follow mode is not recommended in the case of a large number of people. Short press the follow button to turn on the non-obstacle mode follow, long press the follow button to start the obstacle avoidance mode follow.

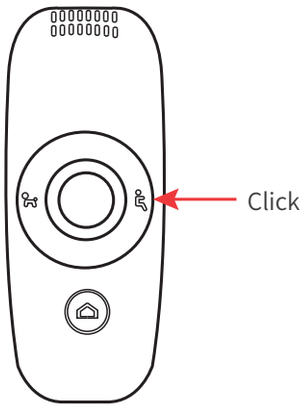
Whether to open the obstacle avoidance division: follow the button flashing to avoid obstacle avoidance, and the long light is to avoid obstacles.

Turn on the remote control, please wait until the main button flashes before proceeding.

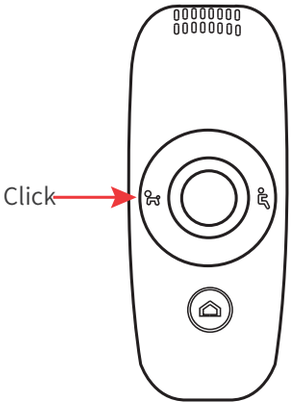
7 Remote control instructions

2) Cycling mode: start the trunk power switch and the remote control power switch, press the pedals on both sides, ride the trunk, gently step on the pedal, focus on the front, click on the villain pattern on the remote control, you can ride Row, slow start during riding, control the rocker to support front left and right operation, slide backwards to brake operation, slowly accelerate during riding, do not push the rocker directly to the upper end, turn left to right should be The rocker slides to the left or right and should be decelerated and turned when turning.





3) One-click recall mode: In the range of 8 meters (5-8meters) , when the trunk is activated, click on the puppy pattern on the remote control, and the suitcase can return to the owner (remote control),the signal intensity is related to the surrounding environment.



The obstacle avoidance of this product is 180° angle avoidance. The front and sides will trigger obstacle avoidance. The colors such as black and transparent will not be recognized. This is normal.

8 APP instructions

1. 1. It can be downloaded by public number, Apple App Store (search for “smart trolley case”) and Huawei App Store (search for “smart suitcase”) or scan code.
2. Click "Download and install", download the file and install it. (figure 1)
3. If you are prompted to "trust the application" during the installation process, select Trust the application and agree to the permissions required for the software to run.
4. Open the ARTVZ smart follow box and open the phone Bluetooth.
5. Click the Bluetooth icon in the upper left corner of the app page. (figure 2)
6. After scanning for a few seconds, click on the refreshed "TRUNK".

Scan QR code
Download app

picture 1

picture 2

8 APP instructions

7. Enter the Bluetooth initial password (888888), and the “√” symbol on the rear of TRUNK means the connection is successful.
8. Return to the main page and click on the remote control below to enter the remote control interface.
9. Put down the pedals on both sides of the trunk, sit on the trunk, push the red remote control point, support the front left and right operation, and slide back to the brake operation. When starting, you must not directly push the remote sensing point directly to the top, and should accelerate slowly. When turning left and right, the remote control point should be slanted to 45°, and the steering should be decelerated beforehand. (picture3)
8. Click on the help on the home page to solve some problems. (picture 4)

picture 3

picture 4

8 APP instructions

9. Click on the map on the home page to see your current speed, current trip, time, and battery level. (picture 5)

10. Click on the home page settings to change the suitcase name, Bluetooth password, and restore the default. It is possible to switch units between kilometers and miles, turn on anti-lost mode, and switch locks. (picture 6)

picture 5

picture 6

9 Precautions

Precautions for use:

1. Please do not use the lever handle to lift the trunk.The suitcase can only be pushed along, not sideways.
2. When you step over the steps or steps, lift the suitcase. Pulling the suitcase over the steps or steps may cause the luggage to fall over and be damaged.
3. In a moving car, uneven or inclined, please put the suitcase on the ground to prevent the suitcase from falling over and being damaged.
4. Please do not leave the suitcase in a humid, unventilated place and a strong acid environment for a long time. It is forbidden to use in rainy days to prevent short-circuit of electronic devices caused by water entering the suitcase. It is forbidden to place the suitcase at high temperature and fireworks.
5. Do not use a corrosive solvent such as banana water or petroleum spirit to wipe the suitcase.
6. When closing the suitcase, please be careful not to get your body or clothes caught by the aluminum frame or lock.When riding, the center of gravity should be forward to prevent falling.
7. Store the battery in a dry environment, Long-term storage of the battery (more than three months), the need to maintain the power capacity of more than 50% of the rated capacity.
8. Please be careful that the liquid in the trunk is leaking,Liquid leaks can cause a short circuit in the trunk's internal circuitry.

Use warning:

1. Do not sit or stand on the trunk to play.
2. It is forbidden to disassemble, impact, squeeze the battery or put it into fire or water. Do not use the battery after it has been immersed in water.
3. Do not touch the battery with corrosive substances, away from fire and heat. Do not continue to use the battery if it is severely inflated.
4. When charging the battery, use only the power adapter for this product. If you use other types of power adapters, the product will not function properly or may be damaged. Using other types of power adapters may also cause a fire. Failure to repair due to the use of other power adapters will not result in a warranty.
5. Please periodically remove the dust from the power plug. Ash accumulation in a humid environment can cause a fire hazard.
6. Do not damage, forcibly bend or bundle the power cord. Do not place heavy objects on the power cord or expose them to excessive heat. Ignoring this warning may result in fire, electric shock, or product malfunction.
7. Do not connect or disconnect the power adapter with wet hands. Ignoring this warning may result in electric shock or product malfunction.
8. Do not insert foreign objects into the USB port, high voltage charge/discharge interface or other openings in the product. If a metal object or foreign object is inserted into a port or other opening of the product, it may cause product malfunction, fire or electric shock.
9. Keep away from heat, high pressure and direct sunlight during use. Avoid children playing with the battery and never hit the battery.
10. Do not short the battery positive and negative.
11. Do not disassemble and disassemble the battery components.
12. Children and the elderly must use the riding function accompanied by a guardian to prevent accidents.
13. Do not use in a scene with poor road conditions to prevent damage to the product or personal injury.

10 Legal Notice

Legal Notice:

This manual contains as much functionality as possible when printing. However, due to continuous improvement of product functions and design changes, the functions in the manual may still be inconsistent with the products you purchased, please understand.

To the extent permitted by law, the company shall not be liable for any direct or indirect or other forms of personal injury, property damage or legal dispute arising out of the user's failure to comply with the instructions or precautions of this manual.

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Limitation of Liability
The company is not liable for any indirect, special, punitive, incidental or consequential damages and losses (including not limited to loss of profits, indirect losses, incidental losses, data loss, taxes or other economic benefits).
Applicable law and dispute resolution
This manual applies to the laws of the People's Republic Disputes arising from this manual or the products of the company shall be settled through consultation; if the negotiation fails, the people's court in the locality of the company shall be subject to litigation.

11 After sales service

Return policy:

•Within seven days from the date of receipt, there is no reason to return the goods. The goods must be returned at the time of return, and the goods must be returned intact. If they are not used, the original packaging must be returned together with the original products. The original packaging must include all original accessories (such as Product label, box cover, warranty card). The cost of returning without reason is borne by the consumer.

•If the returned product cannot be fully satisfied due to the return conditions, the payment will not be refunded. Unacceptable returns will be returned to you and the items will be returned as they were purchased.

•Within seven days from the date of receipt, you may choose to return or exchange the goods for free due to the quality of the goods themselves.

•If it is beyond the 7th and within 15 days, you will be able to choose a replacement if there is a malfunction caused by non-human damage.

Warranty Policy:

• Each of ARTVZ's products is rigorously tested at the factory to ensure that our products meet stringent quality standards. Therefore, if the product has any defects and malfunctions caused by materials and manufacturing processes during the free warranty period, this warranty is based on this warranty. The terms and conditions stated in the Terms and Conditions will be repaired or replaced free of charge for you.

•If the costs associated with the delivery of the product to the service center, including the packaging fee, transportation fee and related taxes, are borne by the owner or the warranty client.

•Free warranty period: one year for the electronic part and two years for the non-electronic part. See the warranty content form for details. The free warranty period begins at 0:00 on the second day of the date of receipt of the item.

•Free warranty only applies to material defects and process defects, caused by personal negligence, accidents, exposure to extreme temperatures, solvents, acids, water, normal wear and tear, etc., and the user does not use the manual. Any damage, no warranty card, invoice or warranty card does not match the invoice information, beyond normal use conditions, including but not limited to cycling, overload, etc., private demolition or repair, malicious damage to the warranty card content, cabinet information, including blurring Destruction, tearing, tampering, etc., the use of this product for commercial use, etc., are not covered by the warranty. The following conditions are not covered by the free warranty. Damage caused by air handling, rough handling, overload packing, improper shipping, etc., causing damage caused by human negligence or accident, causing damage to the cabinet, fabric, inner village, natural shabby, aging, fabric burns, hard outer impact bumps, package The side strips are worn.

For detailed maintenance procedures, please consult 0755-89232717
The above-mentioned after-sales service policy and additional explanations are finally interpreted by ARTVZ.

11 After sales service

Free warranty content and deadline:

Types	Warranty content	保修期限
Box	Case, aluminum frame, wheel base, lever, handle	2 years
Battery and charger	External charger, rechargeable lithium battery	1 year
Electronic locks	Master lock	1 year
Motherboard	Main control board and other electronic circuit boards	1 year
Motor wheel	Motor wheel and corresponding electronic circuit board	1 year

- A completed warranty or original purchase invoice must be presented to receive a free warranty.
- Products that exceed the free warranty period are subject to a fee-based repair service. The repair price of different parts will be based on market price and labor cost adjustment.

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.