Smart Suitcase User Guide

Products and accessories

Thank you for purchasing the Smart Suitcase.

Please read this product manual carefully before using the smart suitcase and follow all instructions, precautions and warnings in this manual. Otherwise, the product damage will not be guaranteed.

Please keep the User Guide properly.

Charger

Battery

User Guide

Smart Suitcase	1	Charger	1
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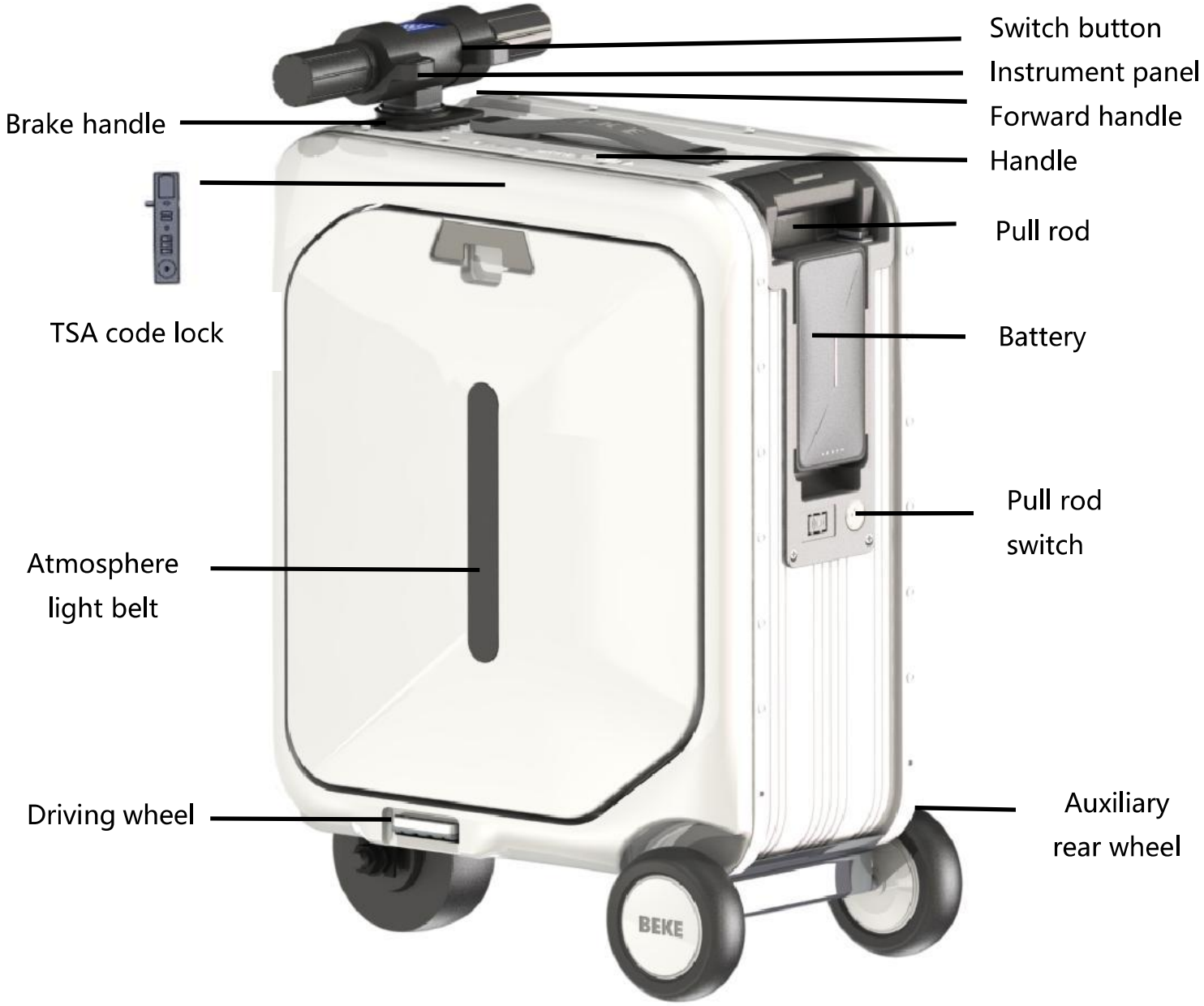
Diagram


Switch button
Instrument panel
Forward handle
Handle
Pull rod
Battery
Pull rod switch
Auxiliary rear wheel
Brake handle
TSA code lock
Atmosphere light belt
Driving wheel
BEKE

Parameter Table

Main technical parameters of the main body of the suitcase

Size	400mm*250mm*550mm	Weight	About 8.5kg
Volume	28L	Maximum load	115kg
Type of lock	TSA coded lock	Maximum climbing Angle	About 4 °
Back wheel	Two 3-inch wheels	Applicable temperature	-10°℃~40°℃
Front wheel	4-Inch motor wheel	Highest speed	13km/h
USB output voltage	5V	Color classification	Silver / Black
Material quality	Housing PC; frame aluminum alloy		

Main technical parameters of the storage battery

Battery capacity	94.9Wh	Battery charging time	About 3h
Battery category	Lithium-ion battery	Battery voltage	36.5V
Removable	Yes	Charging voltage	AC220V 50-60Hz

Main technical parameters of the motor

Motor size	4 Inch	Number of motors	One
Motor weight	About 1.4kg	Power of motor	250W

Warning

Please do not throw away used batteries at will to avoid polluting the environment. The used lithium batteries of this product are recycled by our company or dealers or outlets designated by the government.

Using

1-1

Riding mode

1. Press the switch button for 2 seconds to turn on the power, and then click the pull rod switch to raise the front lever and pedal.

2. Sit on the suitcase, place your feet on the foot pedals on both sides, look ahead, and prepare to depart.

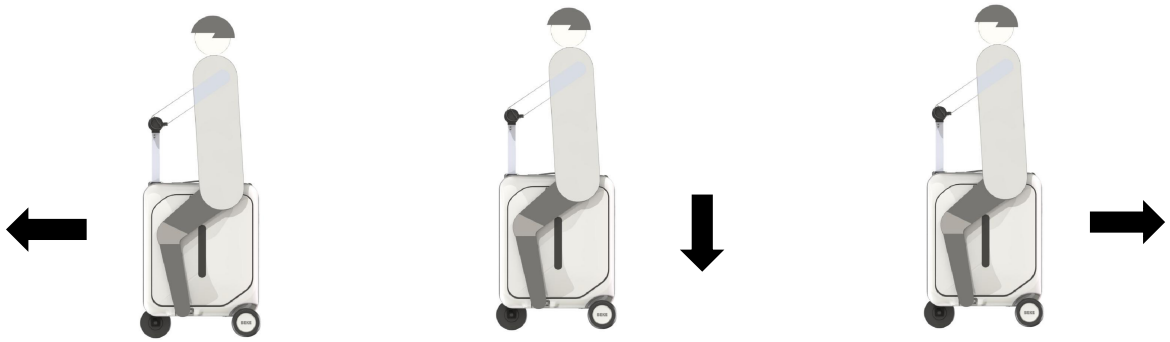
3. The forward gear is divided into two gears: high speed and low speed. Double clicking the switch button can switch the forward gear; Press the left turn lever and double-click the switch button to switch to reverse gear. Instrument display: White indicates low-speed forward gear, pink indicates high-speed forward gear, and red indicates reverse gear.

4. Press the switch button 3 times in a row to switch the display of speed units (KM/H and MPH).

5. Click the switch button to change the color of the light. Continuously click the switch button 4 times to switch the lighting effect and 5 times to turn off the light.

6. Turn the right handlebar forward, turn the left handlebar or both to brake.

7. At the end of the ride, firstly click on the pull rod switch to descend the front pull rod and pedal. Then press and hold the switch button for 2 seconds to turn off the device.



Sit upright on the suitcase, place your feet on the pedals, and turn the right handlebar to move forward.

Turn the left handlebar to brake.

Use the reverse gear, turn the right handlebar to reverse

Riding precautions

1. Before riding, please check if the battery power is sufficient and if the brakes are intact.
2. Before the first use, it is recommended to ensure the battery fully charged.
3. It is not recommended to brake suddenly or make sudden turns during riding to prevent skidding or overturning.
4. During use, please comply with traffic rules and other regulations.
5. Avoid using this product in adverse weather conditions, such as rain, snow, or icy environments.
6. When not in cycling mode, please turn off the power.

Automatic shutdown

After the suitcase stops running for 5 minutes, all power sources will be turned off automatically. (Note that automatic shutdown will not retract the front pull rod and pedal)

Normal Mode

1. Turn off the power, pull out the lever to drag the suitcase.
2. Pick up the "handle" to carry the suitcase.

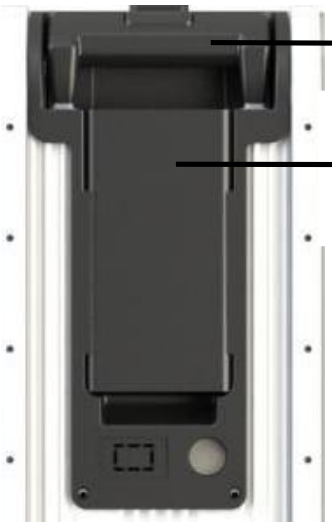
Using battery

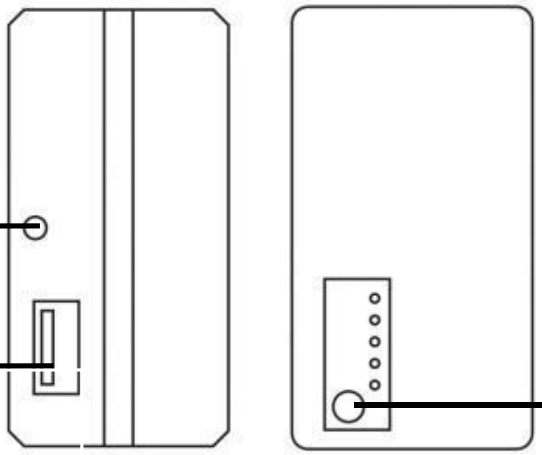
battery installation

Pull out the lever and insert the battery into the power card slot. The box plug is fixed on the power card slot. When the battery is inserted into the power card slot. The box plug is connected to the battery output port (DC37V).

Disassembly of battery

Turn off the power, pull out the lever, and pull out the battery directly from the power card slot.





Input port

DC output interface

USB output interface

It can charge mobile phones and digital products with DC-5V input charging. Please use the original charging cable for charging electronic products.

Press the TEST button to check the battery's power. 5 bars means fully charged, and the numbers are decreasing in sequence. Red or off light indicates insufficient power and needs to be charged in time.

TEST battery check switch

Battery charging

To charge the battery, you need to take out the battery and insert the matching charger into the battery input interface (DC charging port), and then connect to the AC220V power supply (mains power). When the battery is charging, the charger

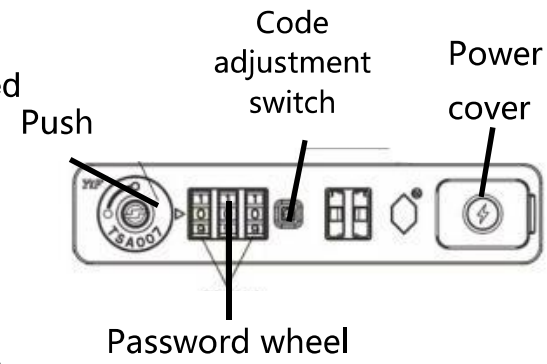
indicator light is red; when the battery is fully charged, the charger indicator light is green.

Precautions for using battery

1. If it has been out of the factory for a short time, users can use this product directly. If it has been out of the factory for more than 2 months, the power will be lost during storage and transportation. Please charge the battery before use.
2. Please do not use other brands of chargers to charge.
3. The battery contains high-voltage circuits inside and has been packaged intact at the factory. Do not disassemble it without permission.
4. During use and storage, liquids and metal particles should be prevented from penetrating into the battery.
5. The battery should not be placed near open flames, high-temperature heat sources, or into water. It is strictly forbidden to expose the battery to the sun during high temperature seasons.
6. It is strictly forbidden to use wires or conductors to short-circuit the positive and negative poles of the battery to avoid causing danger and damage to the battery.
7. The battery must be handled with care to avoid collisions and falls to prevent damage.
8. When charging, please place it in a safe place out of reach of children.
9. It should not be used without being fully charged.
10. Do not cover the battery with anything when charging.
11. When not in use for a long time, please place the battery separately to avoid power loss.

Instructions for the use of the TSA code lock

The default password of the lock is 0-0-0. If you need set your own password, please follow these steps:
1. Set the lock to the open state.
2. Use a pen (or other tool) to press the code adjustment switch until you hear a "tick" sound.
3. Turn the 3 password wheels to set a personal password.
4. Push the pusher all the way in the direction of the arrow. When you hear the "tick" sound again, the code adjustment switch pops up and the lock is in the open state. At this point, the steps to set a personal password have been completed. Please remember your personal password. If you need to reset your password, please repeat the above steps.



Maintenance

Appearance cleaning

1. Dust removal and clean at any time.

2. When dust removal and cleaning, do not wipe the electrical parts and broadcasting parts with a wet cloth.

Other maintenance

1. Apply the front and rear shafts once every six months.

2. Check and tighten the contact loosening of the electrical connector.

3. Whether the brake is braking.

Safety

Please read carefully and ride according to the use guide of the smart suitcase. Do not use this product until reading the instructions and correctly know the smart suitcase , and do not lend it to anyone who cannot manipulate it.

Very important

Please keep riding at a low and steady speed during riding. Rapid acceleration, rapid deceleration and sharp turns are strictly prohibited, and speeding (too fast) are strictly prohibited.

If there is a risk of falling, please protect personal safety firstly and do not consider the smart suitcase. The smart suitcase may experience wear and tear during riding and parking, affecting the performance of the product. Therefore, you must do the following checks before riding:

1. It is necessary to check whether the various components of the smart luggage are firmly installed and not damaged, and whether the brake function and wheels are intact.

2. You need to fully understand the surrounding riding environment: ensure that there will be no interference from cars, pedestrians, pets, bicycles and other obstacles.

Matters need attention:

1. Do not store cash or important items in your suitcase.

2. Before riding, you must confirm the safety and reliability of the suitcase to avoid accidents.

3. Avoid riding on uneven, muddy, gravel roads, slippery roads, waterlogged roads, and stairs to prevent wheel hub deformation and danger.

4. Do not hang objects on the handlebars while riding to avoid loss of control and accidents.

5. This product is suitable for one person to ride. It is prohibited to carry people.

6. It is strictly prohibited to overload or crawl on slopes greater than 4 degrees.

7. Persons who are still under the influence of drugs or alcohol and whose mobility and reaction capabilities are limited are prohibited from riding.

8. Riding is prohibited if the rider is not suitable for riding due to personal reasons or other objective factors.

9. Develop a good habit of charging in time every day. Every time you ride, you must charge it in time before the minimum allowed power, so that the suitcase can serve you longer.

10. Almost all types of batteries are affected by the environment. Generally speaking, the discharge performance of electricity is better when the temperature is higher. When the temperature drops below 0℃, the power of the battery may drop by more than one-third. Therefore, when winter comes or in cold areas, it is normal for the riding range to be reduced after a single charge. When the temperature rises above 20°C, its function will naturally recover.

11. Please clean the dust on the power plug regularly. Accumulated dust can cause a fire hazard in environments such as moisture.

12. Do not damage, forcibly bend or bundle the power cord. Do not place heavy objects on the power cord or expose it to areas that radiate excessive heat.

13. Do not insert other objects into the USB port, charging and discharging interface or other openings of this product.

14. Please do not disassemble the various parts of the suitcase by yourself.

15. Please do not use the pull handle to lift the suitcase.

16. When going over steps or steps, lift your suitcase. Pulling the suitcase over steps or stairs may cause the suitcase to tip over and be damaged.

17. When on a moving vehicle or in an uneven or inclined place, please place the suitcase on the ground to prevent the suitcase from tipping over and being damaged.

18. Please do not leave the suitcase in a humid and stuffy place or a strong acid environment for a long time. If it gets wet by rain, please wipe it dry in time. It is prohibited to place the suitcase in a place with high temperature or fireworks.

19. Do not use corrosive solvents such as banana water and petroleum spirit to wipe the luggage.

20. Do not rinse directly with water or use in rainy days.

21. When closing the suitcase, please be careful not to get your body or clothes caught by the suitcase or lock.

22. Please be careful of liquid leakage in the suitcase, which may cause a short circuit in the internal circuit of the suitcase.

23. It is prohibited to use chargers and other accessories not specially provided by our company. Our company will not be responsible for any accidents caused by this.

24. It is prohibited to dismantle or modify this suitcase without authorization. Our company will not be responsible for the losses caused and may cause you to lose your warranty commitment. When an internal failure occurs, you should contact after-sales personnel.

The final interpretation right of all terms in this guide belongs to our company.

Warranty

NO.	Part name	Warranty terms		
		Term of service	Warranty scope (Exclude human factors)	Beyond warranty (Include human factors)
1	battery	6 months	Free maintenance or battery replacement within 6 months (based on the battery's factory date)	Battery water ingress or private disassembly
2	Motor	1 year	Change the new motor within 12 months	Appearance, structural abnormality and damage; unauthorized disassembly
3	Box structure	1 year	Parts fracture	Violent impact; private dismantling
4	Wheel	6 months	Break and fall off	Disassembly without permission (no replacement caused by self-repair or improper cycling)
5	Handlebars	6 months	Functional failure, cracking	Disassemble privately, violent impact Unconventional operation
Notice	1. Scratches and wear on the box are not covered by the warranty. 2. The default warranty period for unspecified parts is 3 months, excluding human factors. 3. Failures caused by the user's use, maintainance and adjustment which are not accordance with the "Instruction Manual" are not covered by the warranty. 4. Failures caused by improper storage by the user or accidents are not covered by the warranty. 5. If there is no warranty card, the invoice or ticket does not match the items, it is not covered by the warranty. 6. Damage caused by riding in the rain and soaking in water is not covered by the warranty. 7. Damage to the battery caused by water ingress is not covered by the warranty.			

Warranty record

Extension parts		Extension of the start time		Extension cycle	
Extension parts		Extension of the start time		Extension cycle	
Extension parts		Extension of the start time		Extension cycle	

If there is any change in the information on this card, please refer to the relevant website

Userinfo

Name：_____Contact number:_____mail box:_____
address:_____

Product information

Type:_____Name of Maintenance Office:_____

Rerepair date:_____

Repair fault condition:_____

Failure cause:_____

S N ： _____

Signature of the maintenance personnel:_____

Stamped by the Maintenance

APP Device Pairing

How to connect the App?

1. Please scan the QR code on the left side to download the App directly.
2. When open the App for the first time, the privacy agreement and feature guide page will be displayed. Please read and confirm to enter the main interface. Subsequently, click on "ES06 or ES07X" to enter the device search interface.

3. Click the button in the bottom right corner to search for nearby bluetooth devices(The luggage needs to turn on the switch). The devices found will be displayed on the interface. Click the "CONNECT" button to connect and pair.
4. If the device cannot be searched, please try restarting the App, or contact customer service for assistance.

What does this APP do?

1. Speed limit: This function allows setting the speed limit for the suitcase. The faster the slider moves to the right, the slower the slider moves to the left. By setting the speed limit, the system will automatically control the speed of the suitcase to ensure safe riding.
2. Lighting Effects: You can choose from a variety of different lighting effects to decorate your smart luggage. You can customize and light up your riding experience according to your personal preferences. The lighting settings are controlled in four aspects: brightness, lighting speed, lighting mode, and color.
3. Notification settings: You can set whether a ringing notice is required when turning on or off the device, as well as when Bluetooth is connected or disconnected.
4. Remote mode: The luggage can be controlled to move forward and backward through the APP without the need to turn the handle. Drag the middle slider upwards to control the luggage's forward movement, and the speed will increase as you move upwards. Similarly, the slider downwards controls the luggage's backward movement, and the speed will increase as you move downwards. Press and hold the STOP button at the bottom to stop the suitcase.
5. Cruise control: After activating the cruise control function, press and hold the forward button for more than 3 seconds, and the system will automatically speed forward. Pressing any handle will cancel the automatic cruise control function.

Federal Communications Commission (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, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

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.

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

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user’s authority to operate the equipment.

RF exposure statement:

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The device is installed and operated without restriction.