

A-ONE

UESER MANUAL
SMART FOLDING BIKE

CATALOGUE

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COSWHEEL APP ASISTANT

(For providing A-ONE better service, please download coswheel app assistant)



IOS APP



ANDROID APP

- Show real-time inspection informations of vehicle, including battery, motor circuit mileage and so on.
- Login facebook or twitter, share with friends.
- Real-time environment temperature.
- Choose different light modes according to different environment. If you select smart mode, the lights will on/off according to the situation you are in.
- Remind you when battery power is less than 10%
- More

▲ REMINDER:

The speed mode (KIDSMODE/ NORMAL/ CATAPULT) can be chose via APP. The default mode is CATAPULT mode. Do not use the CATAPULT mode if you are a beginner.



Dear friends,

In order to ensure the safety and better performance, please make sure you have read the instructions in this pamphlet or watch the tutorial video carefully before you use the intelligent electric bicycle "A-ONE".



TUTORIAL VIDEO

Slightly differences from the specification should be noted because of the continuous product improvements and updates in terms of technology and structure. Please refer to the actual product in that case.

The constructions which marked with ▲ in this pamphlet should be read carefully and obeyed strictly.



ATTENTION

Please read the user guide carefully and check the integrity of the components to ensure your riding safety. Please contact with the dealer if there is any problem.

Please follow the local traffic laws and regulations, and be careful when riding.

The speed mode (KIDSMODE/ NORMAL/ CATAPULT) can be chose via APP. Do not use the CATAPULT of sport if you are a beginner.

No using in the heavy rain, snow, slippery road or any other dangerous circumstances. Excessive exposure should be avoided. If you have to ride in the rainy or snowy weather, please make sure control the speed under 15km/h, increase the braking distance and brake gently to ensure safety.

Do not ride on the smooth floor if the tyres are wet.

Longer braking distance as well as variable deceleration are required when the riding speed exceeds 20km/h. Do not brake suddenly.

A-ONE uses 18650 lithium battery. Find a shelter as soon as possible when you meet a sudden rain with A-ONE. Prevent your switch charging and USB port from water in case of possible accidents caused by electricity leakage and short-circuit.

Please ride on the paved smooth road as possible as you can.

Control the riding speed under 10km/h when turning or on a road with potholes.

Be cautious when you put A-ONE in your car or the other places in case of scratching.

PRODUCT STATUS



THE CROSS-FOLD



CHARGING PORT

DASHBOARD



FOLDING BUCKLE

KNOB

BRAKE LIGHT

MOTOR

CHARGING PORT

DASHBOARD

SEAT

FOLDING BUCKLE

KNOB

BRAKE LIGHT

MOTOR

BRAKE SYSTEM

GOVERNOR

POWER SWITCH

HEADLIGHT

USB CHARGING PORT

PEDALS

FRONT TIRES

SMALL WHEELS

INSTRUMENT PANEL



▲ REMINDER:
Controller Working Temperature (-20°C - 75°C)

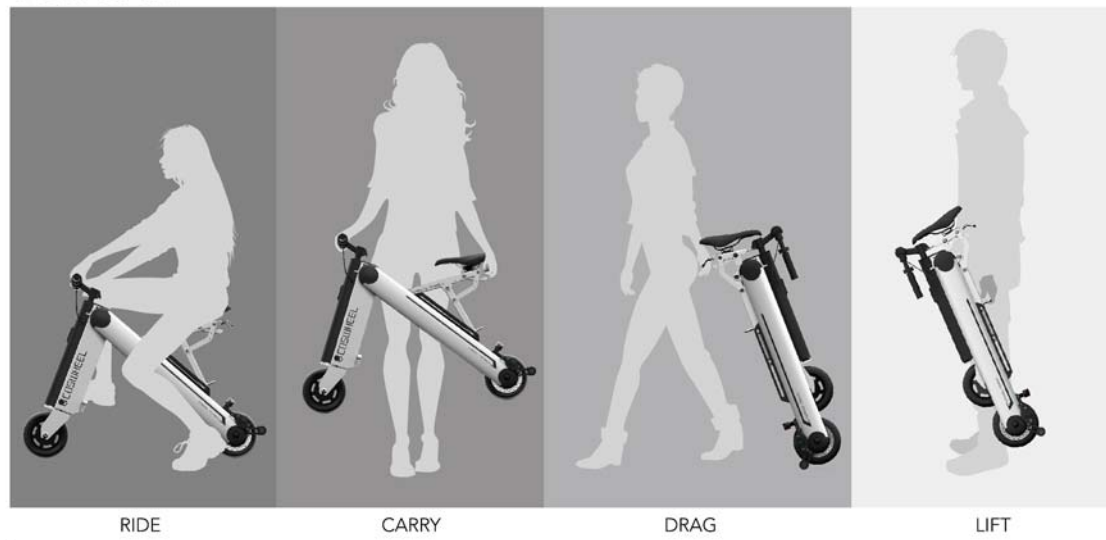
PRODUCT FEATURES



WARNING ⚠



PRODUCT FEATURES YOU CAN



SMART FOLDING BIKE PARAMETERS

Max Speed	350W Wheel hub motor About 30km/h
Braking distance	5.5 Inches Disc Brake 3m(30km/h)
Max Distance	Regular/Enhanced 35/45km
Bike Monitor	Current Speed/Battery/Export Power/Motor Speed LCD display
Weight Limit	ABS, High Strength Steel, Stainless Steel Aviation Aluminum Alloy 150kg
Climbing Angle	8-10°
Battery	18650Power Battery . 5 years of life . 36V.8.8/10AH . 110-220V/4-5 hours full .
Vehicle Dimensions	8 Inches Wheels fold:37.19.106cm
Vehicle weight	Unfold:105.56.80cm About 16.5KG



CHARGING INSTRUCTIONS

Charge A-ONE with the Coswheel exclusive power adapter. The indicator light will be red when charging, and it will turn to green five minutes before full charging.

It is provided with the over current protection device, and long-time charging (generally less than 18 hours) will not shorten the serving life of batteries and adapter.

Standard charging time: In the ambient temperature of 25 °C and length of 4-5 hours. The charging time should be 4-5 hours in summer. If the product temperature (which can be seen on the lower right corner of the display screen when the power turns on) reaches 40 °C, please suspend charging until the temperature declines. It should be placed in doors for an hour before charging, and the charging time should last 5-7 hours in winter.

Before riding, please confirm if the electricity of your A-ONE is full. If it lacks power, please choose whether to charge or not depends on your traveling distance.

▲ Long time laying aside requires you to full-fill the battery and charge regularly (charge every 2-3 months generally) to maintain the batteries and ensure their serving life.

CHARGING ATTENTIONS

Please turn off the power and lay your A-ONE on the ground to charge. Place it in a safe environment where cannot be touched by children.

Charge A-ONE with the Coswheel exclusive power adapter. In the meanwhile, the adapter is not suitable for other types of products.

- ▲ Do not cover any items on the adapter as it needs cooling during charging.
- ▲ Prevent the liquid or metal power getting into the adapter when using and storage. Dropping or subjecting adapter to other impacts should be avoided, for it may affect internal components and result in danger.

The adapter is designed for indoor use, please use them in the dry, well ventilated environment.

If there is a peculiar smell or high temperature during charging, please stop charging immediately and send the adapter to the agency to get overhauled.

Note: Normally, battery capacity will decrease slowly during the frequent use (500 times fully charged and discharged), and it cannot recover when running out of serving life.

RIDING INSTRUCTIONS

For your safety, the following checks should be done carefully.

1. Whether the tire pressure is normal
2. Whether the front and back tire are locked. The screwed torque of the front tire should not be less than 20NM, while the screwed torque of the back tire should not be less than 30NM.
3. The screwed torque of the saddle should not be less than 20NM.
- ▲ 4. The regulation of braking system. The brake should be reliable and easily reset. Increase the braking distance in rainy and snowy weather, and do not brake suddenly in case of the possible dangers caused by lacking stability.
5. Check if the joints are locked after unfolding.

HOW TO START A-ONE

Status of folding: Unfold A-ONE, check the locked joints, and press the power switch when the display screen shows the speed.

Status of unfolding: Press the power switch, and get started when the display screen shows the speed.

ATTENTIONS IN RIDING ⚠

Please twist/press the switch to accelerate smoothly. The fierce twist/press may waste the electrical energy and cause a sudden start, which is dangerous.

For the maintenance of battery and motor, the permissible gradient should less than 10°. Please walk your A-ONE or fold to drag it when there is an abrupt slope.

When there is an abrupt downward slope, please walk your A-ONE. Please brake and ride slowly on an eased slope, do not speed or brake suddenly.

On the premise of safety, use the speed mode of regular, and reduce the frequency of sudden braking and starting to save electricity consuming as possible as you can.

A-ONE is designed with an overload protection function. The power will be cut off automatically when overloaded, and it will recovery when the load declines under the limitation.

This product is for adult who know how to ride. Do not use it if you cannot ride.

The maximum load is 150kg while the safety load is 120kg. The load of man-carrying accessory (rocket launcher) can reach to 65kg. Do not overloaded.

Control the speed under the 10km/h when crowded. Be careful with the pedestrians.

Watch out and do not stare at the display screen when riding.

Do not race when riding on the road.

When the display screen shows a low electricity quantity warning, turn off the power (in case of the equipment damage), drag to the nearest charging place or fold it to catch the other transportation.

PARKING

- ▲ Turn off the power switch when you walk/drag/lift your A-ONE in case of the accident caused by the unexpected sudden start.
- Turn off the power when parking and folding. Fold the bicycle and lay it down on the ground when crowded.
- For your riding safety and the best condition of your A-ONE, regularly maintenance and cleaning is required.

REGULAR MAINTENANCE

1. Whether all screws are tightened.
2. Whether there are signs of wear, damage and unusual tire pressure in the front and back tires.
3. Whether the brake pads are worn badly and whether the brakes can reset easily. You should change the badly worn brake pad in time by yourself or by paying to the agency.
- ▲ 4. Long time laying aside requires you to put your A-ONE in a well ventilated environment with covering, keep it away from high temperature, and maintain the batteries regularly in fulfilling and discharging every 3 months.

MAINTENANCE AND CLEANING INSTRUCTIONS

1. Do not wash your A-ONE, in case of possible accidents caused by short-circuit of internal components.
2. Please wipe your A-ONE clean with neutral detergents and then dry it with a dry cloth.
3. Please wipe the fulcrums and folds with lube.
- ▲ 4. Do not oil in the brake calipers and the tires.

SIMPLE TROUBLESHOOTING INSTRUCTIONS

When A-ONE cannot get started, check the electricity quantity/check if there is a high temperature protection/ check if the brakes have reset.

If the bicycle cannot get started when riding, check if there is a high temperature protection caused by excessive exposure/ check if there is a low electricity quantity warning on the display screen. A-ONE cannot get started if the electricity is running out.

MILEAGE ASSURANCE INSTRUCTIONS

Through long-term field experiments, our company has obtained the following reasons why the electric bicycle cannot ride for a long distance.

1. The regulation of braking system. Users may personally adjust the braking system after using it for a time. However, the contact of the brake pad and the brake disc will lead a shorter ride mileage.
2. The front tire pressure is insufficient which enlarges the landing area and friction.
3. Overload and violated operations.
4. Frequent speed change and braking.
5. The battery capacity declines because of the overheating and over-cooling.
6. The electricity consuming increases when riding at the speed mode of sport or at the highest speed.

According to the distance reducing reasons above, please mind the following recommendations.

1. The space between brake pad and brake disc should be 3mm. Debug the brake to the standard state.
2. The standard front tire pressure should reach to 280-410Kpa (The back tire is tubeless.)
3. The normal load should not be over 120kg including the weight of the rider.
4. On the premise of safety, please reduce the frequency of sudden braking and starting to save electricity consuming and ride on the paved smooth road as possible as you can.

WARNING AND REMINDER ▲

1. Develop the good habit of daily charging. Before riding, please confirm if the electricity of your A-ONE is full. If it lacks power, please choose whether to charge or not depends on your traveling distance. The fully charged batteries ensure longer serving life and your better experience.
2. Almost all the batteries will be affected by the environment and the battery performs better at a higher temperature. When the temperature is below 0℃, the battery capacity may reduce 1/3. Therefore, it is normal that the mileage declines even fully charged in winter or in the extreme cold areas. And it will recovery naturally if the temperature rises to more than 20℃.
3. Remember to pull out of the wire from USB port after your cellphone charging. The output current may cause short-circuit of internal components if the charging wire lying on the ground.
4. The largest load capacity is 150kg while the safety load capacity is 120kg. Do not ride when overloaded.
5. A-ONE is water resistant but not waterproof. Submerging A-ONE is not recommended. When the water level exceeds the back tire axis, it may cause no-working condition because of the burning down of the motor, short-circuit, damages of the electronic components. Find a shelter as soon as possible when you meet a sudden rain with A-ONE. Prevent your switch charging and USB port from water in case of possible accidents caused by electricity leakage and short-circuit. If the above ports get wet, take the necessary processing immediately (such as wiping them with a dry cloth), and do not use any external heat source.
6. Do not use non Coswheel exclusive power adapter and accessories. Coswheel takes NO responsibilities if you meet any accident caused by misuse.
7. You may lose the maintenance guarantee if you modify your A-ONE without authorization. Coswheel is not liable for any loss or damage in that case. Contact the local agency or the maintenance center if there is an internal fault.

WARNING AND REMINDER ▲

8. It is not suitable for the minors, pregnant women and the elderly to ride A-ONE.
9. Dismantling and modifying without authorization will bring you hidden dangers.
10. Do not speed when you are on a downhill road. Do not brake suddenly when you ride at a high speed. Variable deceleration is recommended in case of the accidents caused by drifting.
11. Do not oil the brakes to avoid the dangers caused by broken brakes.
12. Carefully check the safety and reliability of your brakes, saddle, frame, handlebars and tires before your riding.
13. Avoid driving on the rough, mud, stone-paved road and stairs, in case of the dangers caused by blown tire, wheel hubs deformation, damaged stability of your A-ONE.
14. Do not hang items on the handlebars in case of being out of control.
15. Please note that A-ONE is not suitable for a long-distance trip. Decide whether to use it or not according to your target distance.

Coswheel has the final rights of interpretation about all the instructions in this manual.

PACKING LIST

No.	Name.	Quantity
1	Smart folding bike A-ONE	1
2	Charger	1
3	Standard Tool Kit	1 Set
4	User Manual	1

HOPE YOU CAN ENJOY IT !

WARRANTY CARD

Product name: COSWHEEL A-ONE Smart folding bike

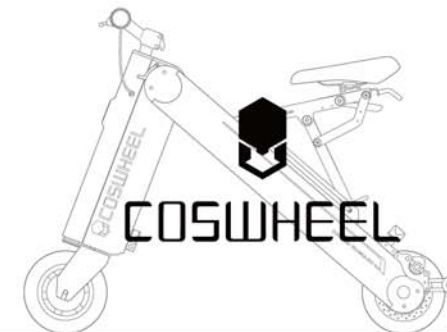
Model: CW001 ☐ CW002 ☐ CW003 ☐ CW004 ☐

Serial: _____

Inspection date: _____

Inspector: _____

Inspection conclusion: _____ QUALIFIED _____



WARRANTY INSTRUCTION

- 1.The warranty period is 1 years from the date of purchase
2. Coswheel will provide good quality after-sales service for you
- 3.If the damage caused by human factors, it needs to charge for the repairs
- 4.Please keep this card for after-sales service evidence

AFTER-SALES SUPPORT: support@coswheel.com

FCC Caution:

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.

Any 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.