

icone®

iconic e-motion

VOJAGER ACTIVE TROLLEY

INSTRUCTION MANUAL FOR USE

www.iconeway.com



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Dear ICONÉ customer,

congratulations on your purchase of the new VOJAGER ACTIVE TROLLEY ICONÉ.
You have purchased a scooter that will certainly live up to your expectations of quality,
function, and driving characteristics.

In order to ensure maximum safety when using this product,
please read this instruction manual carefully.

With the purchase of this ICONÉ scooter you have chosen a quality product.

Your new ICONÉ scooter was made with parts developed and produced with precision.

In this manual you will find a collection of tips on the use of the ICONÉ scooter,
as well as interesting information on its construction features, care, and maintenance

Please read this instruction manual carefully, even if you are an expert.



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2	Safety instructions
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4	Technical data
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7	Using correct key components
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WARNING!



DANGER!

IMPORTANT INFORMATION ABOUT THE ICONE BICYCLE



The addition of inappropriate accessories or components can cause damage to the scooter and compromise the safety of its operation. This can give rise to dangerous driving situations, falls, and accidents.



Never add equipment to your scooter yourself and never try to modify it yourself.

ACCESSORIES



Always choose accessories and components for modifications together with a specialist dealer who has received specific training. With regards to the accessories and the extra weight involved, always take into account the maximum weight allowed by the scooter. The following accessories can be requested:

- Equipment for transit on public roads, according to the regulations in force in the Country of use, if not available as standard.
- Consultate il rivenditore.
- Luggage bags in case of use of a luggage rack approved for these bags.



1. CHECKS BEFORE THE FIRST EXCURSION



PRECAUTIONS:

1. Do not use the product without carefully reading the instruction manual and understanding how the electric scooter performs. Never lend the product to anyone who does not know how to handle it.
2. Please respect the local traffic rules. Since the product is not a motor vehicle, it cannot circulate on the motor vehicle lane.
3. The electric scooter is designed to be used by one person. It is forbidden to carry more than one person or objects at a time.
4. Check whether the folding mechanisms of the vertical handlebars, the crossbars, and the front fork of the scooter are securely locked by the respective locking devices before using it. Check that the brakes works properly.
5. It is forbidden to drive the scooter on bumpy roads (such as dirt roads and cobbled streets), snow-covered roads, flooded roads, and other wet or slippery roads. It is also forbidden to ride on roads with a slope of more than 10%.
6. Operate exactly according to the steps described in this manual when folding the scooter.
7. Children under the age of 15 and persons over the age of 60 are prohibited from learning to drive or driving the scooter. Any unaccompanied minor is also forbidden to use the scooter.
8. Anyone with limited action or response ability under the influence of drugs or alcohol is forbidden to drive the scooter.
9. Anyone who is not able to drive the scooter because of his/her own reasons or due to other objective factors is forbidden to drive the scooter.
10. The cyclist must practice driving the scooter in an unobstructed place before the first ride.
11. The scooter can be used in environments with a temperature of $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$, beyond which, the scooter may be damaged. Do not expose the product to high or low temperatures, or place it outside for a long time.
12. It is forbidden to drive the scooter after its electricity is completely consumed.
13. Do not drive the bike continuously on an ascending gradient of 5% above 1000 meters. Do not drive non-stop on a 10% gradient up and down over 300 meters.

1.1 DRIVING



PRECAUTIONS FOR A SECURE RIDE:

1. Drive the scooter in a responsible manner to ensure your own and others' safety.
2. When you pass a pedestrian from behind, announce your presence in advance, slow down when passing and pass the pedestrian to his left. When passing a pedestrian from the opposite direction, continue pedaling on the right side of the pedestrian and pass at a reduced speed and safe distance from other vehicles. Do not drive side by side until possible.
3. Do not drive the scooter in low light conditions. If necessary, drive at reduced speed and pay attention.
4. Stay relaxed when riding the scooter. Just like with most two wheeled vehicles, driving the electric scooter also presents safety risks. You will have to assume all the risks deriving from the violation of the safety regulations related to the scooter.

2. SAFETY INSTRUCTIONS



PRECAUTIONS:

1. Do not use the product without carefully reading the instruction manual and understanding how the electric scooter performs. Never lend the product to anyone who does not know how to handle it.
2. Please respect the local traffic rules. Since the product is not a motor vehicle, it cannot circulate on the motor vehicle lane.
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3. THE VOJAGER ACTIVE TROLLEY

Open



- 1 Handlebars
- 2 Steering wheel
- 3 Lock box
- 4 Seat cushions
- 5 Side (back body)
- 6 Block fork

- 7 Front fork
- 8 Back side
- 9 Folding showers
- 10 Rear motor
- 11 Front wheel

Closed



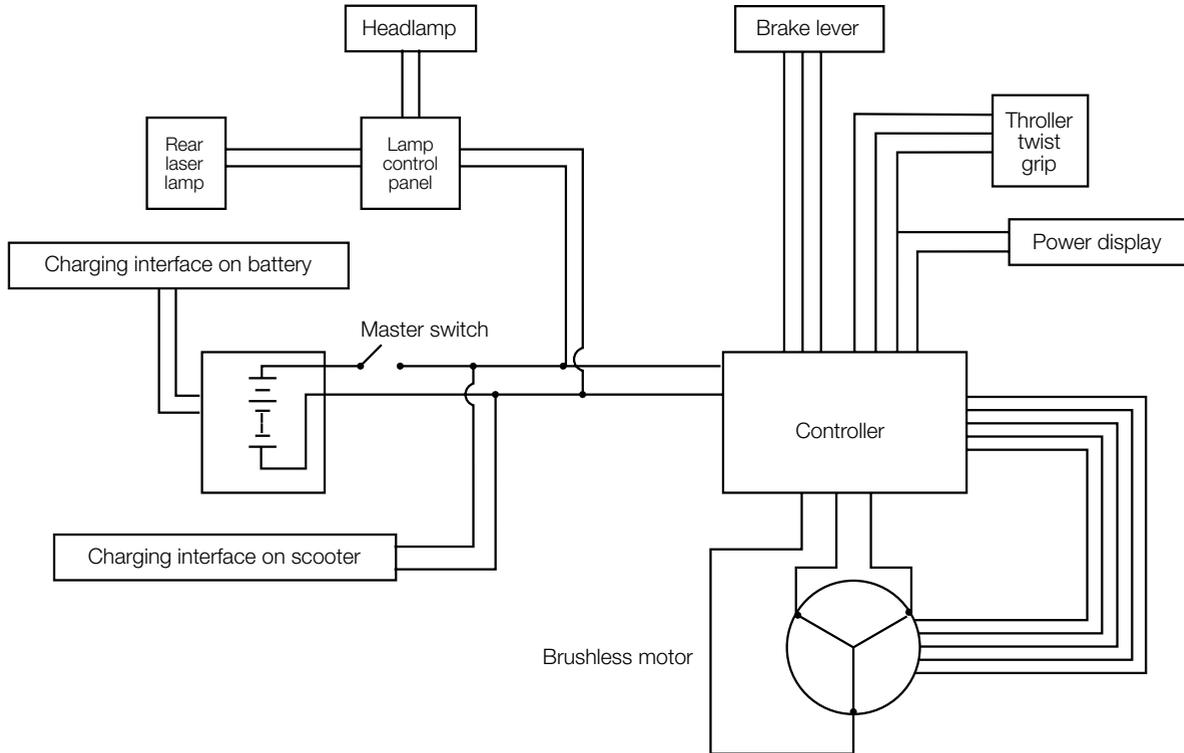
4. TECHNICAL DATA

Name	Description	Technical data
Dimensions and weight	Dimensions (open)	L 1100 x P 550 x H 1060 mm
	Dimensions (closed)	L 0523 x P 160 x H 0345 mm
	Wheelbase	900 mm
	Mass	15 Kg
	Maximum capacity	85 Kg
Principal Parameters	Acceleration method	Rocker-type DIP switch
	Full speed	< 20 Km/h
	Climbing ability	> 5°
Battery	Description	18650
	Type	Li-ion
	Capacity	> 6 Ah
	Nominal tension	36 V
	Current protection	30 A
	Autonomy	30 Km*
	Number of refills	> 500
Motor	Type	DC Brushless
	Nominal output	180 W
	Rev. output speed	610 R/Min.

Name	Description	Technical data
Motor	Nominal torque	3.5 N.m
	Full speed	650 R/min
	Nominal tension	36 V
	Rated voltage max.	3.5 N.m
	Efficiency	> 78%
Controller	Input current max.	12 A
	Efficiency	> 90%
	Undervoltage protection	28 V
	Overvoltage protection	12 A
Battery Charger	Input voltage	AC 100-240 V
	Current input	1 A
	DC output voltage	42 V
	Current output	2 A
	Charging time	3-4 hours
Tires	Front wheel	Inflated tires
	Dimensions	200 mm
	Rear wheel	All rubber tire
	Dimensions	175 mm

*Battery life may vary depending on weight of the driver, type of driving, and road conditions.

4.1 ELECTRIC SCHEME



5. OPENING OF THE SCOOTER



5.1 OPENING OF THE SCOOTER



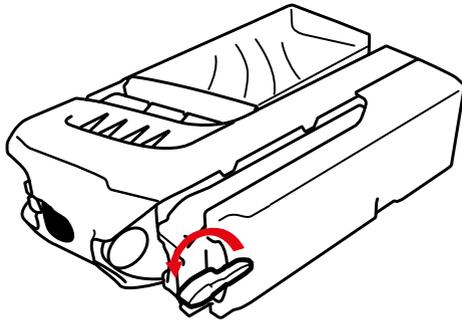
PRECAUTIONS:

1. All scooter locking mechanisms must be checked to ensure reliable attachment before driving.
Do not drive the scooter if one of the locking mechanisms is found to abnormal or unsecure, as this may cause injury.
2. The scooter must be folded exactly according to the operating steps described here; failure to follow instructions carefully may prevent the scooter from being able to bend.
3. Children, the elderly, and people who are weak in physical strength or out of shape should not bend or open the product as this may result in injury.
4. Care should be taken to avoid pinching your hands during folding and opening operations.

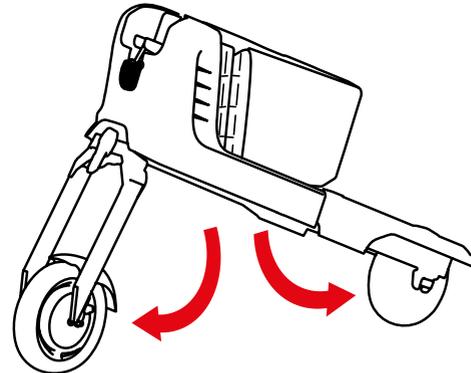
OPENING AND CLOSING THE SCOOTER:



1. Lift the scooter and rotate the 90° release lever to release the front fork and rear body.



2. Open the rear body and the front fork in turn.



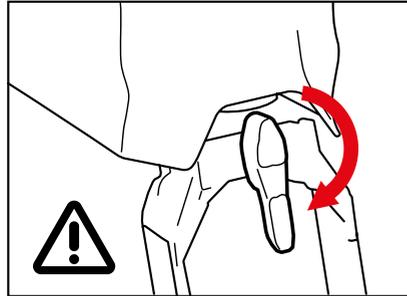
5.2 OPENING OF THE SCOOTER

3. Fix the locking mechanism of the front fork.

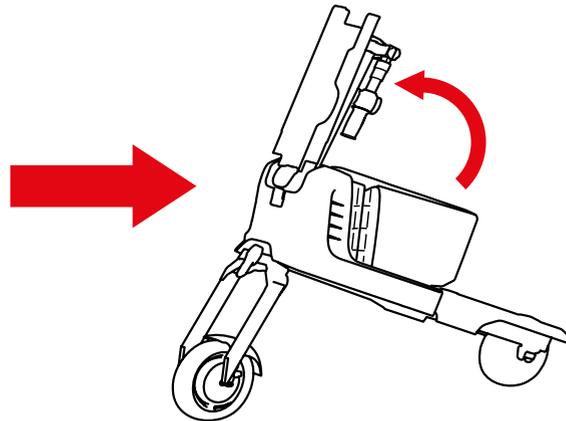
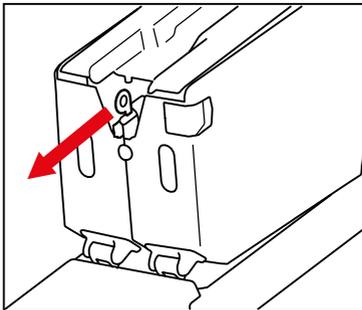


WARNING!

Be sure to check that the front fork is securely locked and the locking mechanism is in position so as to avoid dangers while riding.



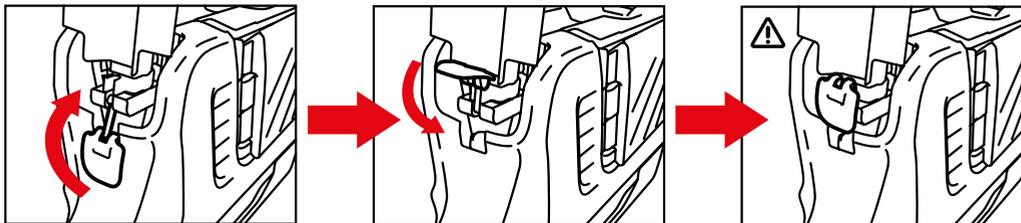
4. Unlock the vertical handlebar and firmly fix the block to be inserted, then open the vertical handlebar.



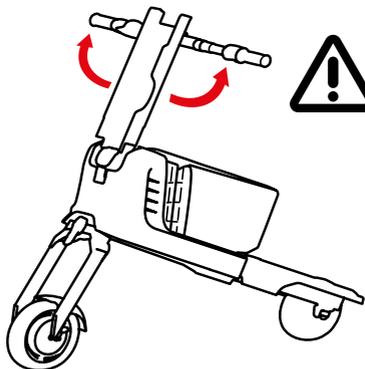
5.3 OPENING THE SCOOTER



5. Block the vertical handlebar.



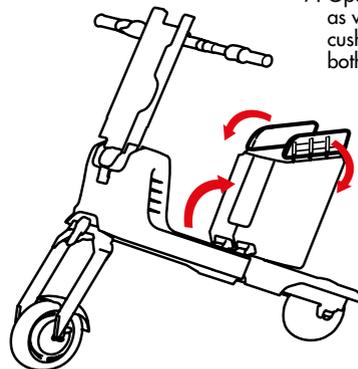
WARNING! Make sure that the vertical handlebar is firmly locked. If it is still loose after being locked, rotate the lock handle to adjust the locking mechanism seal.



6. Open the transverse handlebar.

NOTICE!

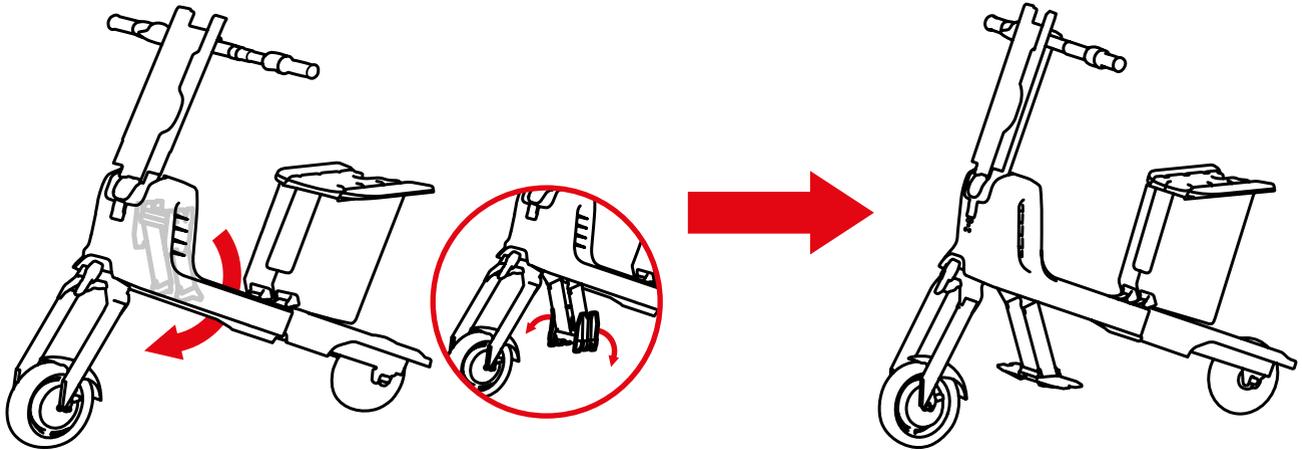
The oscillations can be eliminated by adjusting the fixing screw, in the event of oscillation of the transversal handlebar.



7. Open the seat, as well as side seat cushions on both sides

5.4 OPENING THE SCOOTER

8. Open the pedal support, flip the pedal support leg around its axis and open the two pedals.

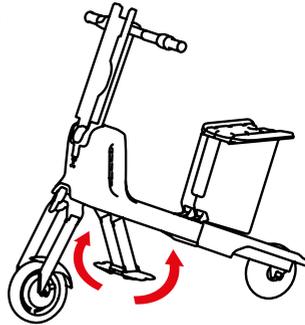


6. CLOSING THE SCOOTER

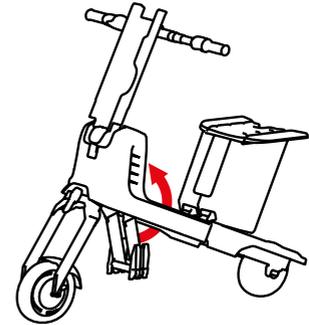


6.1 CLOSING THE SCOOTER

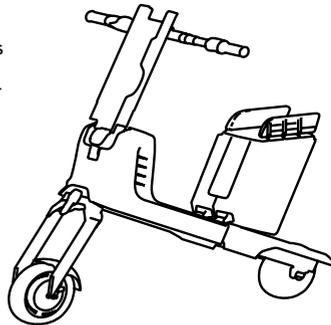
1. Retract the pedals, lift the pedals until their upper faces fit tightly on the external lateral support face of the pedal.



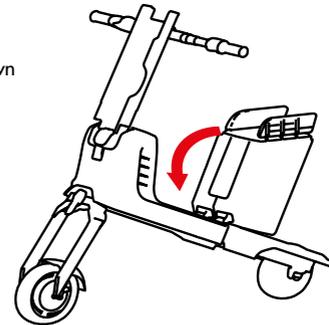
2. Retract the support pedal and lift it 180° around its axis in such a way that is inserted into the body of the scooter.



3. Fold the two side seat cushions; lift up the two side seat cushions 90° around the respective axis so that the two side seat cushions are perpendicular to the central one.

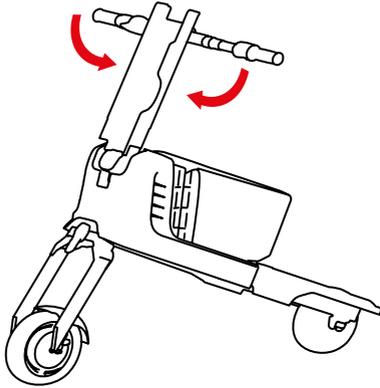


4. Fold the cushions as well as their supports. Fold the seat support forward around its own axis until it reaches the frame.

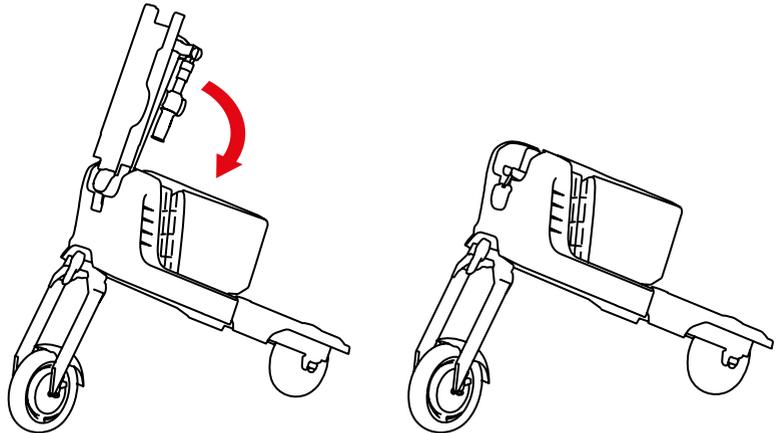
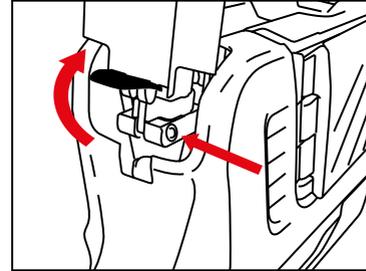


6.2 CLOSING THE SCOOTER

5. Fold the front crossbar.
Unlock the handlebars on both sides and bend them down.

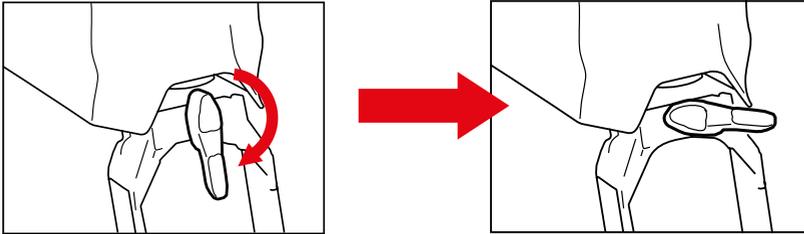


6. Open the release lever and press the lock to retract the vertical front handlebar. To release the front vertical handlebar and fold it backwards so that it is housed in the space behind the seat. The bar will automatically lock.

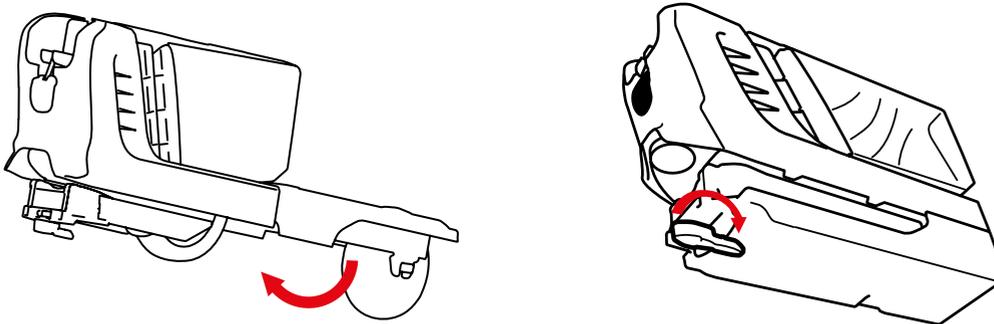


6.3 CLOSING THE SCOOTER

7. Loosen the front fork to retract the front fork assembly.
Fold the front fork backwards around its axis.

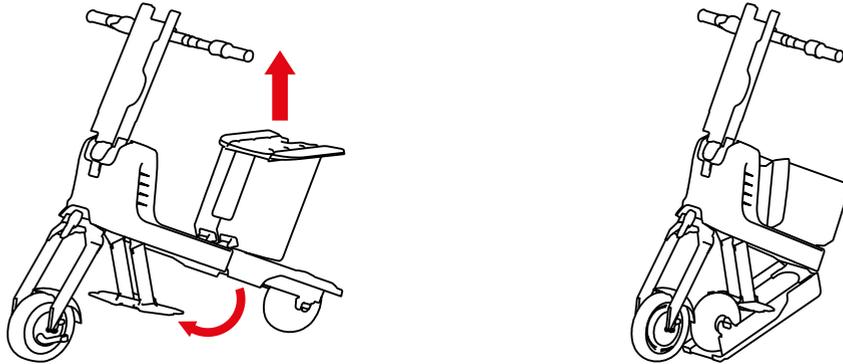


8. Fold the rear body assembly. Fold the rear assembly forward around its own axis until it is pressed close to the front fork. Use the front fork locking handle to lock the rear body.

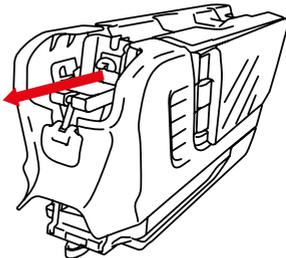


6.4 CLOSING THE SCOOTER

PARKING: Raise the seat and fold the rear body forward until the pedals rest. Then fold the seat forward to securely park.

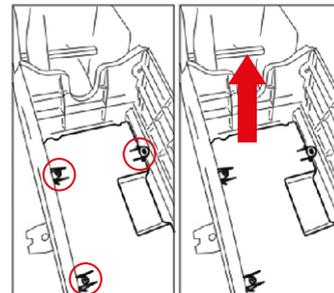


RETRACTABLE BAR: Position the body in a vertical position, with the side with the wheels on the ground. Pull out the retractable bar to drag the scooter. Then fold the seat forward to park.



7. USING CORRECT KEY COMPONENTS

- BATTERY:**
1. The battery is installed inside the seat, equipped with a (removable) charging interface, so it can be recharged with a dedicated charger.
 2. Installation and removal of the battery. Loosen the 4 screws tightened by hand and hold the top of the battery to remove it. After removing the battery, disconnect the plug wires to complete the removal.



WARNING! The battery should no longer be used if one of the following conditions occurs:

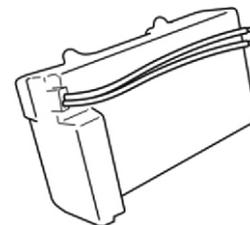


- A. It is damaged.
- B. Odor or release of heat.
- C. Any loss from the battery is detected.

PRECAUTIONS:



- A. Avoid contact with battery leakage.
- B. The battery must be kept out of reach of children and pets.
- C. A damaged battery or ineffective charging can result from the product not being used, stored and loaded in accordance with the requirements, and are therefore not covered by our guarantee.
- D. The battery must not be opened.
- E. The electric scooter must be handled in an environment and in conditions that meet the relevant requirements.



7.1 CORRECT USE OF KEY COMPONENTS

ACCELERATOR HANDLE:

Turn the handle clockwise to accelerate the scooter, to release the grip, the scooter will stop due to friction.

BRAKES:

Press the brake button to brake the scooter.



CHARGER:

1. The product is external.
Each scooter is equipped with a dedicated lithium ion battery and charger. Never charge the scooter with another charger. If your charger does not work, please contact our after-sales service or go to **www.iconeway.com**
2. The battery must be charged for 4 hours the first time.
3. The charger is equipped with overload protection. When it is fully charged (100%), the charger will stop charging automatically. After each recharge, the interface on the scooter must be closed with a rubber protection cap to prevent short circuits due to water ingress.
4. The battery must be charged completely to optimize battery performance.

7.2 CORRECT USE OF KEY COMPONENTS

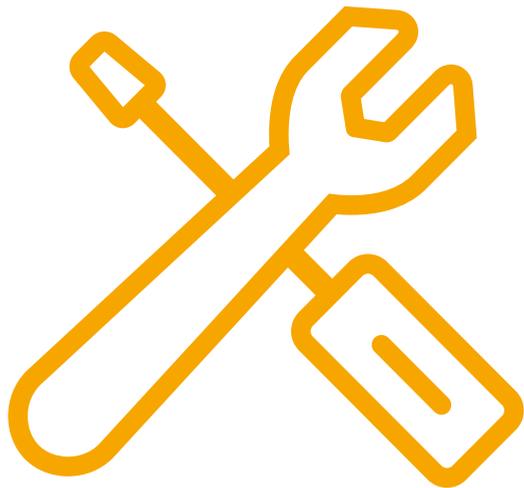
RECHARGE PHASES:

- A. The battery can be charged on board and externally, ie; you can, but do not have to, remove the battery from the scooter to charge it. The charging connector must be connected to the scooter or battery interface.
- B. Insert the plug of the battery charger into the 220 V household socket. The red indicator on the charger is on, indicating that it is charging.
- C. When the battery is fully charged, the green indicator light will turn on.
- D. Disconnect the plug of the charger power cord from the wall outlet, then the cable connector from the scooter.

PRECAUTIONS:



- A. Do not operate the engine while charging.
- B. The charger must not be covered during charging and must be kept away from flammable agents.
- C. The battery and charger should not be placed on plastic products, clothes and other fuels when charging.
- D. Never contact the charging interface with metallic objects.
- E. The person other than the professional maintenance technician cannot possibly open the charger; otherwise, it could be damaged.
- F. Before installing, removing or servicing the battery, make sure that it has been disconnected from the power supply (the electric scooter may be damaged by electric shock if the operations mentioned above are conducted when the battery is connected to the AC power supply).



8. MAINTENANCE AND REPAIR

1. The electric scooter is equipped with 18650 lithium ion battery. It must be charged at least once a month, otherwise, battery life and storage capacity will be reduced.
2. In order to maintain the storage capacity of the scooter, do not allow for the battery be completely consumed before recharging, on a regular basis. A distance that is too short for the scooter after each full charge involves replacing the lithium battery.
3. Check the screws on the front and rear wheels, on the body structure and on the seat regularly to loosen. Squeeze them immediately if they are loose; otherwise, it is possible to run into danger.
4. Do not drive the scooter on rainy days or rinse it with pressurized or tap water. Wetting the electrical components and wires can cause damage.
5. Clean dirt from the scooter, bearings, drive motor, and other components with a dry cloth after each use, in order to keep it clean and dry.



9. WARRANTY AND AFTER SALES SERVICE

The electric scooter will be subject to free repairs if the following problems should occur during the warranty period indicated below:

Components	Failure Signals	Warranty Period	Service
Motor	1. The drive motor wheel is broken or severely damaged. 2. The drive motor cannot be used.	24 months	Free Repair
Throttle grip and brake	They are unusable under normal operating conditions (except for inactivity due to damage caused by impacts and other external forces).	24 months	Free Repair
Controller	It works badly under normal operating conditions.	24 months	Free Repair
Controller	It works badly under normal operating conditions.	24 months	Free Repair
Battery	It works badly under normal operating conditions.	6 months	Free Repair
Frame structure	It is not able to function under normal operating conditions due to deformation and breakage (of the body structure and the structure connection).	24 months	Free Repair

9.1 CORRECT USE OF KEY COMPONENTS

The scooter will not be subject to free repairs in case of damage or malfunction due to any of the following reasons during the warranty period:

1. The scooter is not maintained in accordance with the requirements of the manual.
2. The scooter is damaged after being used in acrobatics or other dangerous stunts.
3. The scooter is disassembled and reassembled without authorization or equipped with components other than those supplied by ICONE, or subject to modifications and adaptations of the wiring without permission.
4. The scooter is damaged due to misuse, overload, traffic accidents, and other accidental bumps.
5. The scooter is damaged due to driving on the road with inadequate conditions.
6. The scooter is used in rental activities or in unauthorized applications.
7. The scooter is damaged due to natural disasters or forces of nature.
8. The components age quickly and break down because the scooter is exposed to high or low temperatures or outdoors.

Photograph the QR code with
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discover the ICONE world.
Connection costs based on
the mobile phone contract.





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