

# KOOLUX

## Original user manual

Electric scooter/500W

## Model: U1

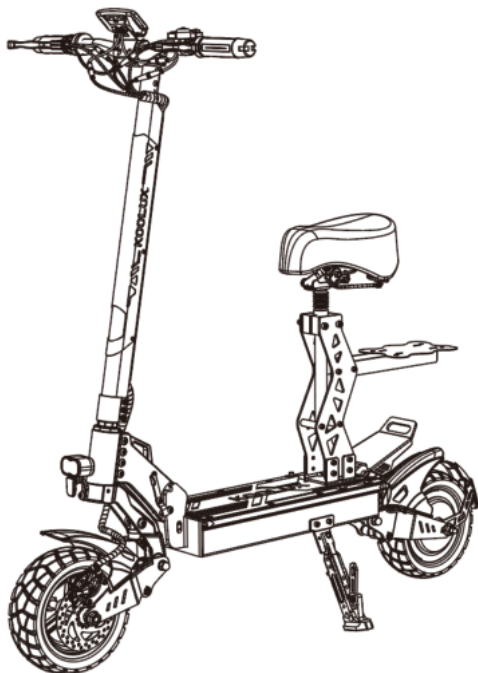


Thank you for your choice, please read this manual before using this product.

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Thanks for choosing the KOOLUX Electric Scooter U1 (hereinafter referred to as U1)!  
The U1 is not only a short-distance transportation product that is easy to fold and carry, also a stylish sport entertainment equipment. Enjoy your ride and connect with riders worldwide!

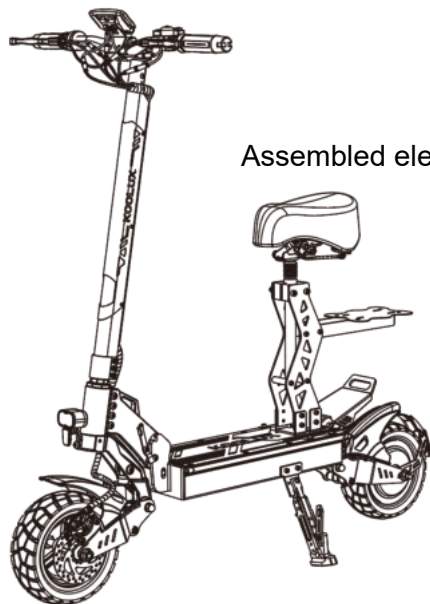


### **Important reminder:**

1. According to road traffic regulations, users must be at least 14 years old to be allowed to ride on the road. For safety reasons we recommend that the user is over 16 years of age.
2. Please wear a helmet that complies with EN 1078 or EN 1080 when riding.
3. Please ride on urban roads with a speed limit of 25 km/h; in some areas users can ride on pedestrian, cycle paths, pedestrian and cycle lanes, cycle priority roads or anywhere where cycle traffic is allowed, please refer to local regulations.

\* All pictures in this manual are for reference only, please refer to the actual product.

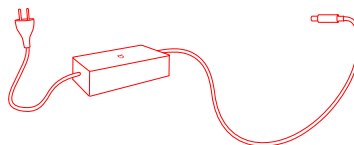
# PACKAGE CONTENTS



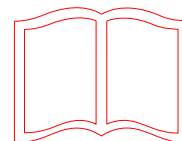
Assembled electric scooter

## Accessories

### Charging Adapter



### User manual



### Toolkits

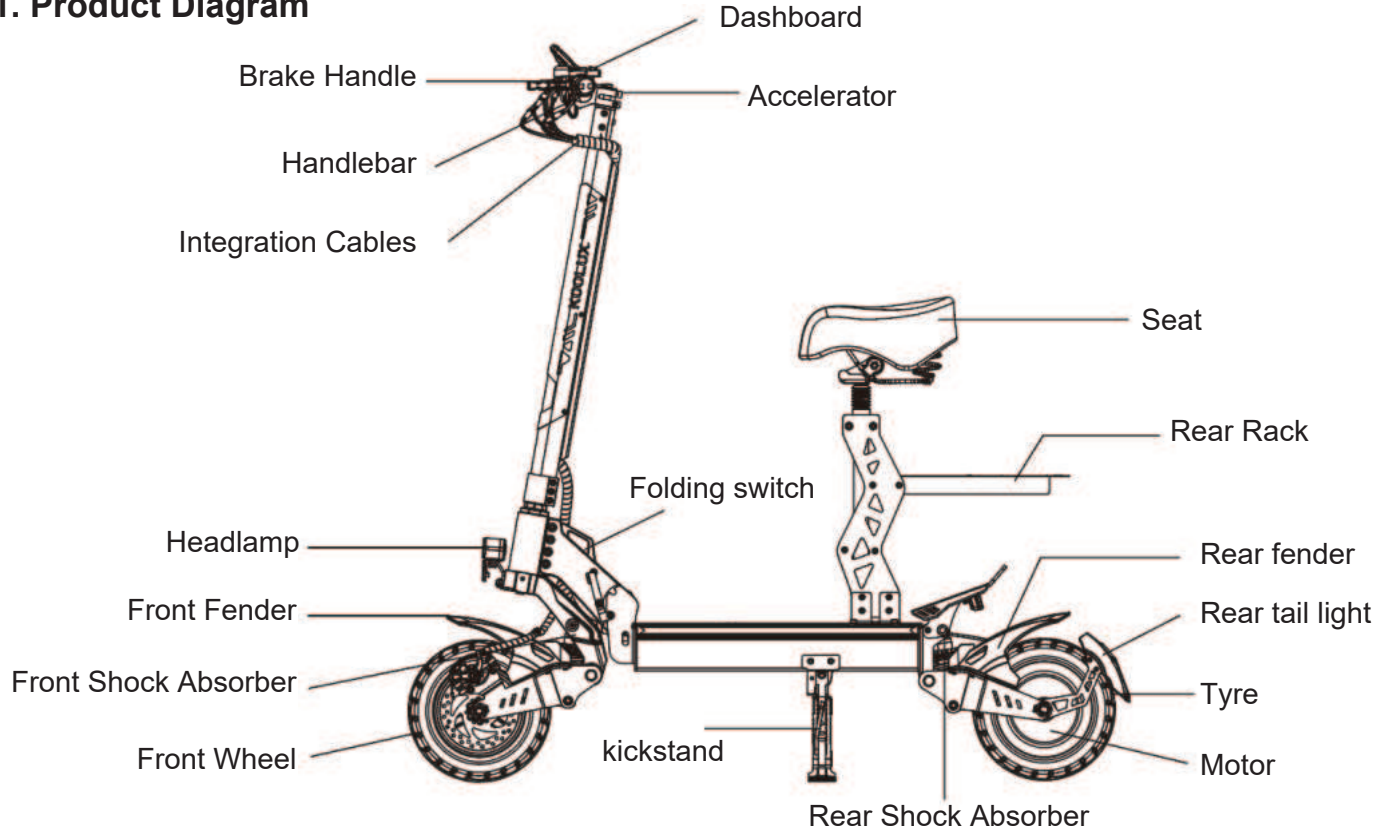
\*When unpacking your U1, please verify that the above items are included in the package. If any components are missing, please contact us. After verifying that all components are present and in good condition, you can assemble your new U1.

\*Please retain the box and packaging materials in case you need to ship your U1 in the future.

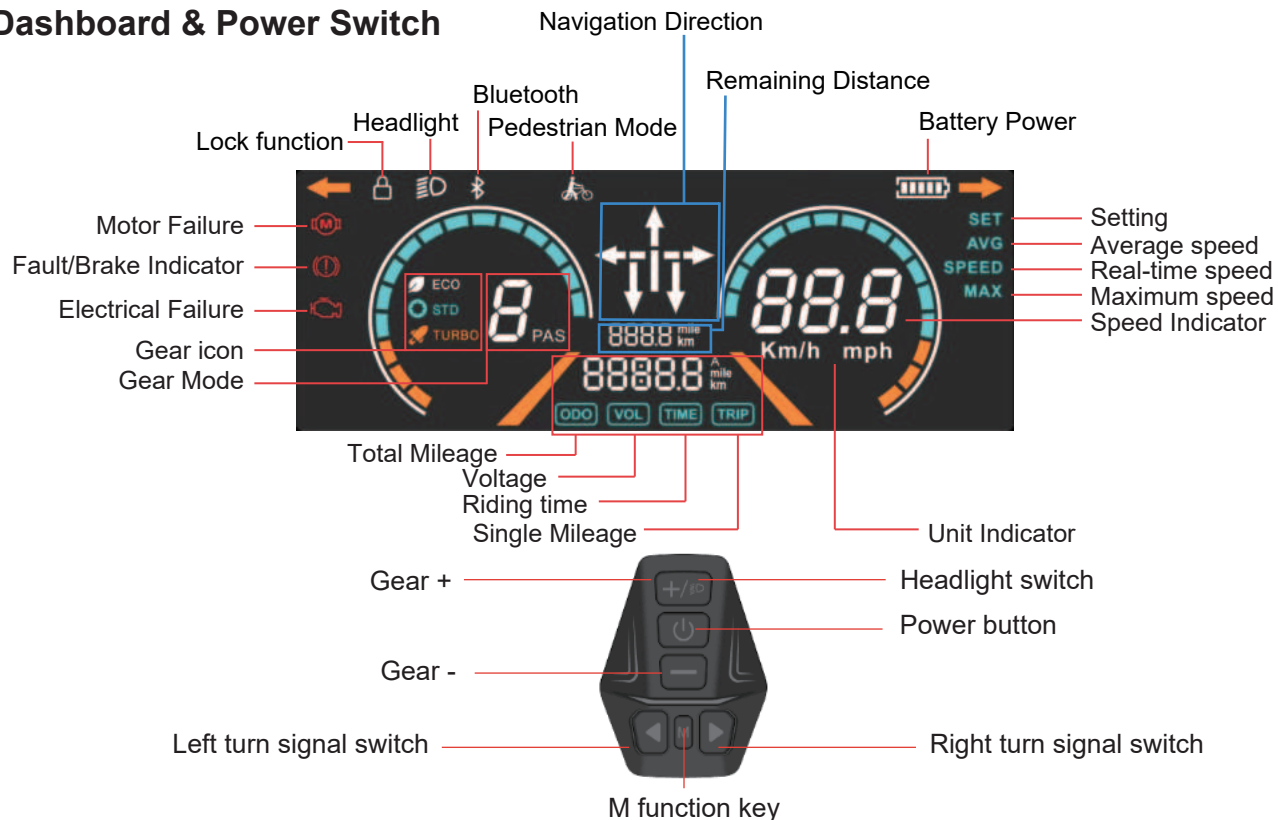
\*Remember to power off your U1 and unplug the charge cable before assembling or mounting accessories.

# PRODUCT OVERVIEW

## 1. Product Diagram











## 2. Dashboard & Power Switch








Note: After powering on the e-scooter, you can unlock the main dashboard interface through the following methods: ① Tap the NFC card. ② Press the M button (for first-time use or when no password has been set). ③ Enter a password

## Button Function Instructions:







- ① In off mode, press and hold  for 2 seconds to power on. In on mode, press and hold  for 2 seconds to power off.
- ② Press  briefly to increase speed level. Press and hold  to turn the headlight on/off. Press  briefly to decrease speed level.
- ③ Press  briefly to toggle the left turn signal. Press  briefly to toggle the right turn signal.
- ④ Press  briefly to switch riding data details.

Press and hold the  function key to enter parameter settings:







### Function 1: Adjusting the meter to display brightness (1 darkest, 2 medium, 3 brightest)

Operation steps: Long press 2 seconds  key to switch on and enter the main interface. → Long press  key to enter setting mode. → After entering the setting mode, the default first interface P01. → Short press   for brightness adjustment. → Adjustment completed, long press  key to return to the main interface.






### Function 2: Public Mileage Display Switching(00000 is KM, 00001 is MPH)

Operation steps: Long press 2 seconds  key to switch on and enter the main interface. → Long press  key to enter setting mode. → After entering the setting mode, short press  key to transfer to P02 interface. → Short press   to switch. → Switching is completed, long press  to return to the main interface.

### Function 3: ODO Clear Setting






Operation steps: Long press 2 seconds  key to switch on enter the main interface. → Long press  key to enter setting mode. → After entering the setting mode, short press  key to adjust to P16 interface. → Long press  key for 5 seconds to clear single mileage and total mileage data; long press  key for 5 seconds to reset configuration parameters to default values. → Clearing is completed, long press  key to return to the main interface.

### Function 4: Reset Distribution Switch (00000 for unallocated network, 00001 for allocated network)

Operation steps: Long press  key for 2 seconds to switch on and enter the main interface. → Long press  key to enter setting mode. → After entering the setting mode, short press  key to transfer to P21 interface. → Long press  key to release APP and reset the network. → Reset complete, long press  key to return to main interface.


### Function 5: Password switch function

Operation steps:

1. Long press  key for 2 seconds to switch on and enter the main interface.
2. Long press  key to enter setting mode.
3. After entering the setting mode, short press  key to transfer to P23 interface.
4. After transferring to P23 interface, short press  key to enter the password interface and input the correct password, and short press  key to confirm, and confirm the completion of the automatic



jump to the password switch interface.


5.After entering the password switch interface, short press  key to switch the password on and off (00000 is off, 00001 is on).


6.Setup is complete, long press  to return to the main interface.




### Function 6: Password change function




Operation steps:


1.Long press 2 seconds  to switch on and enter the main interface.

2.Long press  to enter setting mode.

3.After entering the setting mode, short press  to transfer to P24 interface.

4.Short press  key to enter 01 interface, enter the initial password after entering the page, short press  to confirm the password after completing the input, the system automatically jumps to N1 interface. (Initial password 0000, the first time you switch on the machine, you can directly short press  key to jump to the N1 interface)















5.Enter the N1 interface, enter the password you want to set, short press  key to confirm the password, the system automatically jumps to the N2 interface. (Setting password value operation: the password can be set to four digits. (Short press  to switch the number of digits, short press  to switch the number of digits, short key to increase or decrease the value of the password, each value 0-9)

6.Enter N2 interface and input the set password again, short press  key to confirm after inputting, the system shows P24 password setting is complete.

7.Modification is complete, long  key to return to the main interface






## Function 7: NFC Card Increase Function





Operation steps:

1. Long press 2 seconds  key to switch on the power to enter the main interface.
2. Long press  key to enter setting mode.
3. After entering the setting mode, short press  key to transfer to P25 interface.
4. Short press  to enter the password mode, enter the password short press  to jump to the card binding interface (if you have not set password short press  can be skipped directly, if you have set the password need to enter the correct password) (short   to switch the number of digits, short press   to increase or decrease the value of the password)
5. Into the card binding interface, short press  to bind the card, the NFC card placed on the blinking keyboard, and 1 below the display 88 card binding success. (and 1 is the serial number of the card, one car can bind 4 NFC cards. Press   to switch the serial number to be bound, and 1 is the main card, 2~4 is the secondary card.)
6. Binding is completed, long press  key to return to the main interface.

## Function 8: NFC Unbinding Function





Operation steps:

1. Long press 2 seconds  to boot into the main interface.
2. Long press  to enter setting mode.
3. After entering the setting mode, short press  to transfer to P26 interface.
4. Short press  to enter the password page, short press  to confirm after the password input is completed to jump to the unbinding page.

- 5.The interface shows del1, (del1 is NFC card 1, del1~del4 card short press   can choose to unbind the card sequence)
- 6.Select the card sequence that needs to be unbound, short press  to unbind, del below 88 eliminates the unbinding success.
- 7.Lifting completed, long press  to return to the main interface.





### Function 9: Quickly bind NFC secondary card

Operation steps: Before using this function, you need to bind the NFC card to And1, which is the default main card, only the main card can use the fast binding function.

- 1.Place the bound And1 main card on the keyboard and wait for 8 seconds to power on the machine, and then automatically enter the P25 NFC card binding interface.
- 2.Press   to switch the serial number to be bound, after selecting the serial number, short press  the keyboard blinks, the NFC secondary card will be placed on the keyboard, and the display below the instrument And1 will show 88 Binding completed.
- 3.Binding is complete, long press  key to return to the main interface.







### Function 10: NFC Master Card Quick Release

Operation steps:



- 1.Place the bound And1 master card on the keyboard, switch on the machine and wait for 10 seconds to enter the P26 unbound card interface (8 seconds will first enter P25)
- 2.Press   to switch the serial number to be unbound, after selecting the serial number, short press  to unbind, and the 88 below the And disappears and unbinds successfully.
- 3.The unbinding is completed, long press  key to return to the main interface.

## Function 11: NFC Card Binding and Unbinding on APP

Operating Steps:

1. Bind the app and click "More"  at the quick action after the device is switched on;
2. After entering, click  button and the device will jump to the P25 Binding page;
3. When the button flashes green, you can directly place the NFC card on the flashing keypad. When "88" appears below "and1", the card binding is successful. (and1 is the card number, each scooter can be bound to 4 NFC cards. Press   key to switch between the card numbers to be bound, and1 is the main card, 2~4 are the secondary cards.)
4. After binding is completed, long press  key and brake lever to return to the main interface.
5. After entering, click  button and the device will jump to the P26 unbinding page; the card corresponding to the space where it is located will be unbound directly.

### 3. Troubleshooting

Fault Code	Fault Description	Solution
	Disconnect Brake	When  lights up, it indicates that the brake function is normal.
E2/F2	Throttle Failure	Check the accelerator and wiring for reset, if it reports an error in the reset state the accelerator needs to be replaced.
E3	Communication Failure	Consider instrument or controller malfunction, cross-test with accessories to identify faulty hardware and arrange for repair.
E4	Overcurrent protection	If E4 occurs, avoid climbing large hills and hard braking, or replace the controller.
E5	Undervoltage protection	If E5 error is continuously reported, replace controller.
E6	Over-voltage protection	When E6 error occurs, avoid climbing big slopes and braking sharply, and wait for part of the power to be used up and return to normal.
E7	Motor Hall	Check whether the wiring is loose, connect the wires and still report an error, then replace the controller.
E8	Controller over temperature	When E8 occurs, first stop riding, if E8 occurs continuously, then replace the controller.

# SPECIFICATIONS

Product	Name	Electric Scooter
	Model	U1
Dimensions	E-Scooter: L × W × H(cm)	128*69*126 cm
	After Folding: L × W × H(cm)	125*22.5*46 cm
Weight	Net Weight (kg)	33.3kg(73.4 lbs)
	Gross Weight (kg)	37.8kg(83.3 lbs)
Riding	Maximum Load (kg)	120 kg (264.5 lbs)
	Applicable Age	16+
Assembled Electric Scooter	Speed (km/h)	10km/h(6.2mph); 15km/h(9.3mph); 25km(15.5mph)
	General Range (km)	60-70km----- Tested with Load 70kg (Range is affected by load, temperature, road conditions, riding mode, riding style and other factors.)
	Max. Climbing Angle (%)	≤19°
	Ip Rating	IPX4
	Charging Time (h)	7-8h
Battery Pack	Rated Voltage (VDC)	48 V
	Max. Input Voltage (VDC)	54.6 V
	Rated Capacity (Ah)	15.6 Ah

Battery Pack	Intelligent Battery Management System	Unusual temperature/short circuit/under voltage/ overcurrent/dual overcharge/ dual overdischarge protections
Wheel Motor	Motor Power (kW)	0.5kW
Charging Adapter	Input Voltage (V)	100–240 V
	Output Voltage (V)	54.6 V
	Output Current (A)	2 A
Tire	Vacuum Tyres	10 inch
Applicable Terrain	Flat cement or asphalt roads	
Braking Method	Front disc brake + Rear disc brake	

[1] Vehicle height: from the ground to the top of the e-scooter.

[2] Motor rated power for 0.5kW, the maximum instantaneous power output (peak power) of the motor is 1.6kW at full voltage and full load operation.

[3] General range: measured when there is no wind and at 25°C, the scooter's fully charged to ride at a constant speed of 15 km/h on a flat surface with a load of 70 kg.

# SMART PHONE APP

Your U1 is an App-enabled electric scooter that works with most mobile devices. You must download the app in order to change certain features of your electric scooter.

You could download the APP in the following two ways:

Method 1: Search for the APP from either the App Store or Google Play Store to download.



Method 2: Please scan the following QR code to download the app.



More fun and useful APP functions are waiting for you to explore and discover!



# E-SCOOTER ASSEMBLY INSTRUCTION

1.Remove the e-scooter from the packaging box and deploy the kickstand.



2.First, release the silver secondary lock on the side, straighten the steering column, then lift the folding lever and press it firmly into the groove until it clicks into the locked position.



3. Using a S4 wrench, first remove the top clamp cover from the steering column. Align the handlebar's center clamp holes with the column, tighten the side screws, then reinstall and tighten the clamp cover screws.



4. Using a S5 wrench, remove the screw from the frame, install the headlight assembly, and securely tighten its mounting screw.



5. To install the rear fender: Align the fender with the screw holes on both sides of the rear wheel and securely fasten all four screws.



6. Adjust the multi-function switch to the desired position using a S4 wrench and secure it in place.



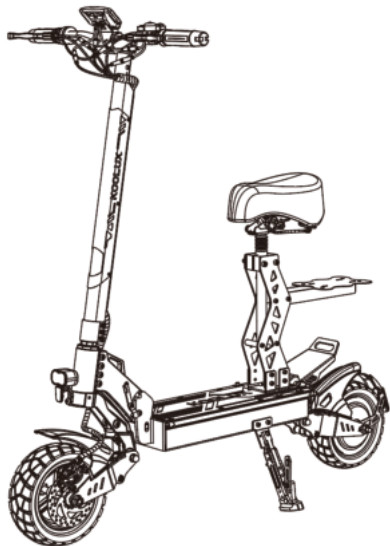
7.Adjust the throttle lever to the desired position using a S4 wrench and secure it firmly.



8.Please scan the QR code to view the video tutorial for seat installation.  
(Note: The video shows a different model but the installation steps are identical.)



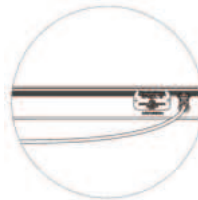
# CHARGE YOUR SCOOTER



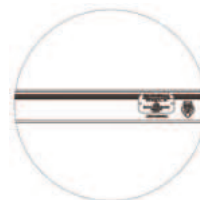
## Charging step



Open the charge port cover.



Insert the charge plug.



Close the charge port cover when finished.

## **WARNING**

Do not charge if the charge port or charge cable is wet.

Do not charge or use your battery if it is damaged or see trace of water.

Close the charge port cover when not charging.

Please connect the DC charging port first, then connect to the socket power supply for charging, finally unplug the outlet when charging is complete.

Your U1 is fully charged when the LED on the charger changes from red (charging) to green.

# SAFETY INSTRUCTIONS

## Warm Tips

The product is a means of entertainment and play. The user may not have the necessary and sufficient experience and skills to ride it, especially in complex environments and/or undesirable road. Such risk may increase if the user has physical and/or mental impairment or disability. Such risk may also increase if the user is not sufficiently familiar with the functions, features and performance of the product. Thus, new users shall learn and practice how to use this product properly and safely.

This product can be dangerous to a user, other persons, and property in proximity to that. The user shall assume all the risks and losses in connection with the product (especially for those related to and/or arising out of violation of the instructions about warnings and caution statements). Such risks include but not limited to loss of control, failure of the product, and/or collision). The consequences for such an incident can be severe, including but not limited to injuries, bodily injuries, death, and/or damages to property. KOOLUX parties shall not be liable for any claim, liability, and loss related to such consequences if it is due to the user's assumption of risk.

Please understand that you can reduce the risk by following all the instructions and warnings in this manual, but you cannot eliminate all the risks. Remember that whenever you ride the Electric Scooter you risk injury from loss of control, collisions, and falls. When entering into public spaces always comply with the local laws and regulations. As with other vehicles, faster speeds require longer braking distance. Sudden braking on low traction surfaces could lead to wheel slip, or falls. Be cautious and always keep a safe distance between you and other people or vehicles when riding. Be alert and slow down when entering unfamiliar areas.

The user shall regularly and periodically, as the circumstance requires, inspect and maintain the product. The user shall also conduct reasonable examination and inspection of the product every time before riding it. For instance, every time before riding the product, the user shall check and examine tire performance, battery level, and all functional parts. If abnormality, discoloration or change of color of material (especially in an area that receives high stress when the product is in motion or junction), scratch, crack, loose fasteners, and/or missing parts (such as screw, bolts and/or nut) which strongly indicates that it is not safe to ride the product.

Since it is impossible to predict and/or anticipate all and every scenario, condition, and/or circumstances under which a product user may be exposed to risk and danger, the User Manual is not intended to be an exhaustive list on how to ride the product safely and/or avoid hazards related to the product. So, in addition, to adhere to the instructions, the user shall also ride and/or use the product with responsibility, carefulness, precaution, and best judgment.

The users shall check and obey the local laws or regulations over the product. Do not ride where prohibited by local laws. The laws and regulations may be different in different jurisdictions. Apart from the others, such laws and regulations may include: a. A helmet may be legally required by local law or regulation in your jurisdiction. b. Your product is not be allowed to be driven on a motorway or highway. c. You may obtain more information related to legal requirements on the product from your local government.

The users shall immediately check whether the product and its accessories are in good condition upon receipt of the product.

Respect pedestrians' Right of Way. Try not to startle them while driving, especially children. When you ride from behind pedestrians, ring your bell to give them a heads-up and slow your scooter down to pass from their left (applicable to countries where vehicles drive on the right). When you ride across pedestrians, keep to the right at a low speed. When you drive across pedestrians, keep the lowest speed or getting off the vehicle.

All the separate components and parts of the products must be properly installed per the User Manual. Inappropriate installation and/or assembly may significantly increase the risk of loss of control, product failure, collisions, and falls. The product may contain removable components and small parts. Please keep them out of the reach of children to avoid choking hazards.

Do not dispose of this product in a landfill, by incineration, or by mixing with household trash. Serious danger/ injury can occur because of the electrical components and the battery. For information about battery and electrical waste, please contact your household waste disposal service, your local or regional waste management office, or your point-of-sale. The user shall not use any non-original accessories or dismantle or modify the product without authorization. All damages, injuries, and damages to property arising from that place will be your sole responsibility and risk.

KOOLUX parties reserves the right to make changes to the product, release firmware updates, and update this manual at any time. KOOLUX parties may make improvements and changes to this user manual necessitated by typographical errors, inaccuracies of current information, or modifications to programs and/or equipment at any time and without notice. Such changes will, however, be incorporated into new editions of this user manual. All illustrations are for illustration purposes only and may not accurately depict the actual device. Actual product and functions may vary. Due to the update of the product, there may be some deviations in color, appearance, and other aspects between the product listed in this manual and the product you purchased. Please refer to the actual product.



## **Safety Instructions**

This Electric Scooter is a leisure device. But once they're in a public area, they'll be seen as vehicles, subjecting to any risks faced by vehicles. For your safety, please follow instructions in the manual and traffic laws and regulations set forth by government and regulatory agencies. Before mastering riding skills, you need to practice. Neither KOOLUX nor Authorized Store is responsible for any property damage, personal injury, accident or legal dispute caused by the rider's inexperience or failure to use the product.

Wear a helmet, elbow pads and knee pads in case of a fall to avoid injury. Use an approved bicycle or skateboard helmet that fits properly with the chin strap in place, and provides protection for the back of your head. Poor driving can lead to falls or serious accidents. Store the electric scooter indoors when not in use. Read the instruction manual and drive the electric scooter carefully. You should only operate the electric scooter after you have understood and applied all the safety rules. The scooter operator will be responsible for any damage or injury caused by failure to follow the instructions in the owner's manual.

Please pay attention to the road surface when riding, avoid obstacles (including but not limited to wet and slippery ground, loose sand, gravel ground and ice surface). When riding for the first time, please do not choose areas where children, pedestrians, pets, vehicles, bicycles or other obstacles and potential dangers may appear.

Do not ride in the snow, in the rain, or on roads which are wet, muddy, icy, or that are slippery for any reason. Do not ride over obstacles (sand, loose gravel, or sticks). Doing so could result in a loss of balance or traction and could cause a fall.

Respect pedestrians by always yielding the right of way. Pass on the left whenever possible. When approaching a pedestrian from the front, stay to the right and slow down. Avoid startling pedestrians. When approaching from behind, announce yourself and slow down to walking speed when passing. Please obey local traffic laws and regulations if situation is different.

Do not allow anyone to ride your Electric Scooter on his/her own unless they have carefully read this manual and followed the New Rider Tutorial. The safety of new riders is your responsibility. Assist new riders until they are comfortable with the basic operation of the Electric Scooter. Make sure each new rider wears a helmet and other protective gear.

Always place the Electric Scooter on its stand on a flat and stable surface. The Electric Scooter must be placed with the stand against the slope to prevent it from tipping over. Never place the Electric Scooter with the front facing down the slope, as the stand may close and tip the machine. Once the Electric Scooter is on its stand, check its stability to avoid any risk of falling (by slip, wind or slight jolt). Do not park the Electric Scooter in a busy area, but rather along a wall. If possible, always choose to park your Electric Scooter on flat ground.

Before each ride check for loose fasteners and damaged components. If the Electric Scooter makes abnormal sounds or signals an alarm, immediately stop riding.

As with any electronic device, Only use the KOOLUX supplied charger. Do not use a charger from any other different product models. Do not attempt to charge your Electric Scooter if it, the charger, or the power outlet is wet.

Use only KOOLUX approved parts and accessories. Do not modify your Electric Scooter. Modifications to your Electric Scooter could interfere with the operation of the Electric Scooter, result in serious injury and/or damage, and void the Limited Warranty.

Children should not play with the Electric Scooter or parts of it nor should cleaning or maintenance be done by children. The use of the scooter results in the transmission of vibrations throughout the rider's body.

Riding with high speed or a speed that is not appropriate or adequate for the situation (bad weather conditions, bad surface conditions, or the like) may lead into a potential loss of stability or loss of control. To reduce any risk, you must follow all instructions in this user manual. For a better driving experience, it is recommended to conduct a regular maintenance of the product.

Do not touch the brake system, it could cause injuries.

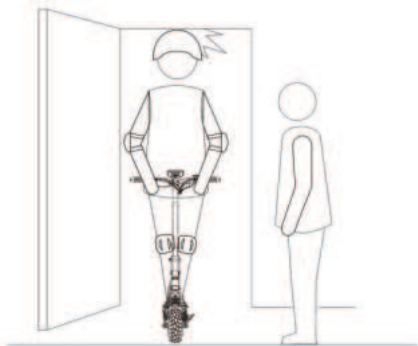
This scooter is suitable for users aged 16-50. Riders under the age of 18 years old should ride under adult supervision. People who should not ride the Electric Scooter include:

- i. Anyone under the influence of alcohol or drugs.
- ii. Anyone who suffers from disease that puts them at risk if they engage in strenuous physical activity.
- iii. Anyone who has problems with balance or with motor skills that would interfere with their ability to maintain balance.
- iv. Anyone whose weight is outside the stated limits (see Specifications).
- v. Pregnant women.

# SAFETY REMINDER



⚠ Do not ride in the rain.



⚠ Avoid hitting your head on door frames, elevators, and other overhead obstacles.

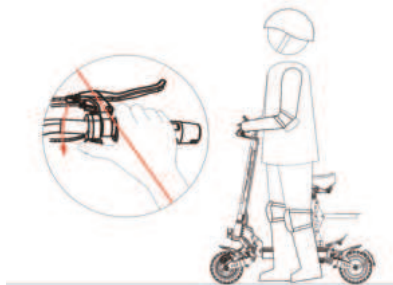


⚠ Keep your speed between 5-10 km/h when you ride through speed bumps, elevator door stills, bumpy roads or other uneven surfaces. Slightly bend your knee to better adjust mentioned surfaces.

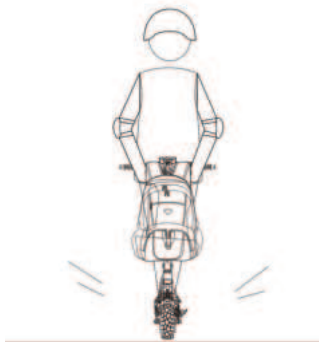


⚠ Do not accelerate when going downhill, and brake in time to slow down. When encountering a steep incline, you need to step off the scooter and push, do not risk riding up.

- ⚠ To prevent inappropriate use of the scooter, the rear wheel of the scooter must be locked with a padlock when parked.



- ⚠ Do not press the accelerator when you're walking alongside the scooter.



- ⚠ Do not hang bags or other heavy stuff on the handlebar.

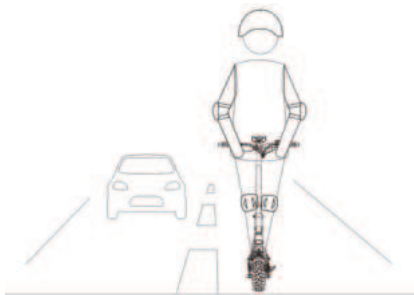


- ⚠ Always steer clear of obstacles.



- ⚠ Do not ride on one foot.

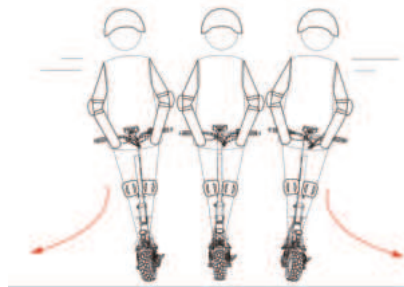
## Do not try dangerous actions.



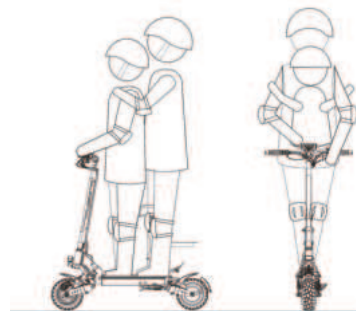
- ❌ Do not ride in traffic lanes or residential areas where vehicles and pedestrians are both allowed.



- ❌ Do not ride through puddles or any other (water) obstacles. In such a case please lower your speed and bypass the obstacle.



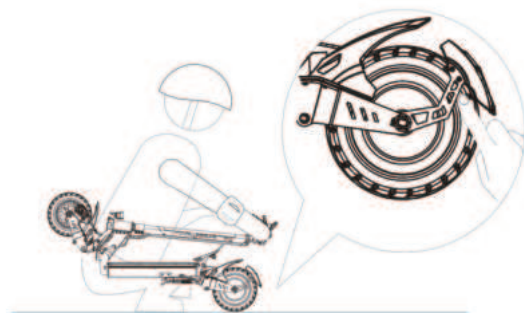
- ❌ Do not abruptly change the steering direction at high speed.



- ❌ Do not ride with anyone else, including children.



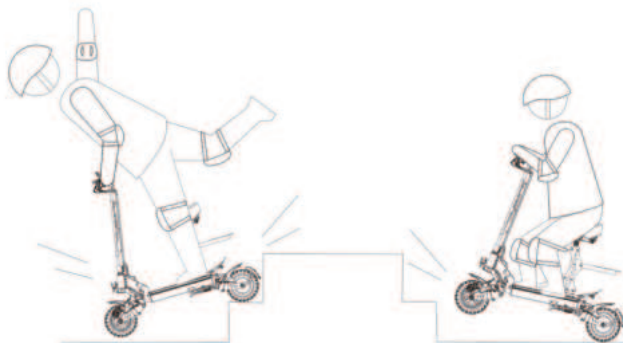
⊗ Do not keep your feet on the rear mudguard.



⊗ Do not touch the disc brake.



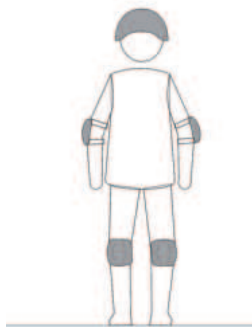
⊗ Do not let go of the handlebar while riding.



⊗ Do not try riding up or down stairs, nor try jumping over obstacles.

# HOW TO RIDE

Warning: Wear a helmet, elbow pads and knee pads.  
Please read the instruction carefully before using.

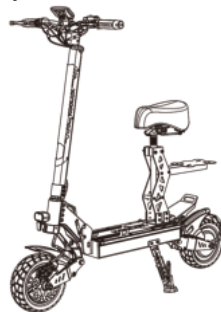


2. Step on the deck with one foot, and slowly kicks off the other on the ground. When the scooter starts to coast, put both feet on the deck and press the accelerator.

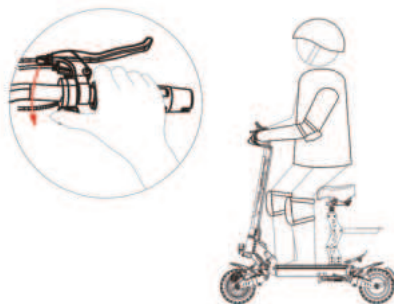


1. Turn on the scooter, and check the power indicator.

**Please Note:** Do not touch the accelerator when you are not ready to ride!



3. When the scooter is at a full stop, the accelerator automatically turns off. To restart the scooter, it is necessary to repeat step 2.





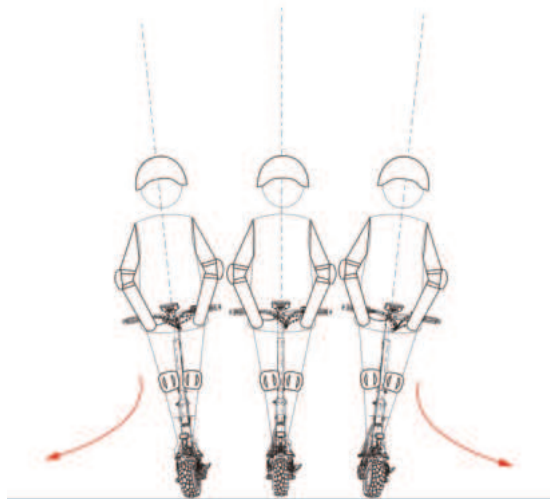
4. Release the accelerator and the speed will slowly drop to a stop; If you need to decelerate quickly, slowly squeeze the brake lever while releasing the accelerator.



## **WARNING**

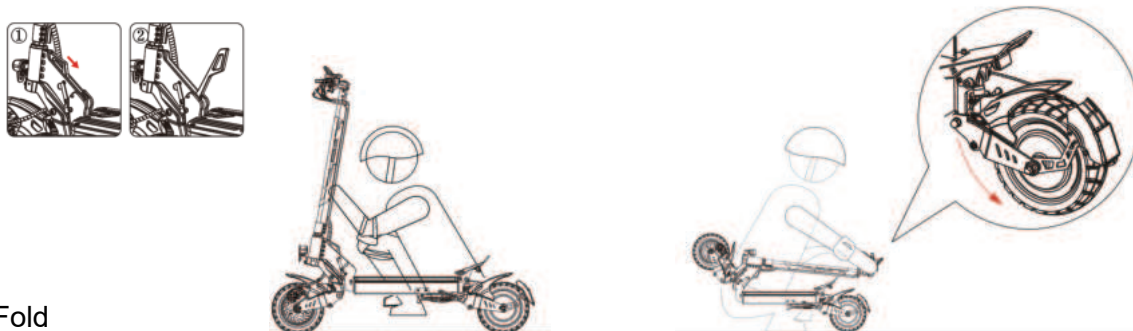
When sudden braking, you may risk serious injury due to loss of traction and falls. Please maintain a proper speed and look out for potential hazards.

5. Tilt your body to the steering direction as you turn, and slowly turn the handlebar.



# FOLDING YOUR SCOOTER

\*The e-scooter needs to be turned off before folding.



## Fold

Pull the folding lever to release it from the groove, then press down the silver secondary lock on the side to disengage the folding lock between the stem and the frame. Finally, push down the scooter's stem to complete folding.



## Carry

Hold the handlebar stem with either one hand or both hands to carry.

# DAILY CARE AND MAINTENANCE

## **Cleaning**

If you see stains on the scooter's body, wipe them off with a damp cloth. If the stains won't scrub off, put on some toothpaste, and brush them with a toothbrush, then wipe them off with a damp cloth. If you see scratches on plastic parts, use sandpaper or other abrasive materials to polish them.

Notes: Do not clean the scooter with alcohol, gasoline, kerosene or other corrosive and volatile chemical solvents to prevent dire damage; Do not wash the scooter with a high-pressure water spray; During cleaning, make sure that the scooter's turned off, the charging cable is unplugged, and the rubber flap is closed as water leakage may result in electric shock or other major problems.

## **Storage and maintenance**

Any water getting into the battery may cause damage to the internal circuit, risk of fire or even explode. If there is any suspicion of water getting into the battery, immediately stop using the battery and return it to the After-Sales service for inspection.

Improper disposal of used batteries can seriously pollute the environment. Observe local regulations when disposing of this battery pack. Do not discard this battery pack at will, to protect the natural environment.

When the scooter's not in use, keep it indoors where it is dry and cool. Do not put it outdoors for long time. Excessive sunlight, overheating and overcooling accelerate tire aging and compromise the scooter and the battery pack's lifespan.

If the scooter is expected to be left idle for more than 30 days, please fully charge the battery and place it in a dry and cool place. Keep in mind to recharge it every 60 days to protect the battery from potential damage which is beyond limited warranty.

Scooter shall be only be used with original batteries and charging of the Scooter shall only be done by the original charging adapter supplied with the Scooter (or any battery model or charging adapter model approved by the manufacturer as compatible).

Always charge before exhausting the battery to prolong the battery's lifespan. The battery pack performs better at normal temperature, and poor when it is below 0°C. For instance, when it is below -20°C, the riding range is only half or less at normal state. When the temperature rises, the riding range restores.

NOTE: The damage caused by prolonged no charge is irreversible and is beyond limited warranty. Once the damage is done, the battery can not be recharged (non-professionals are forbidden to dismantle the battery pack, as it may cause electric shock, short circuit or even major safety accidents).

WARNING: As with any mechanical component, a scooter is subject to high stresses and wear. The various materials and components may react differently to wear or fatigue. If the expected service life for a component has been exceeded, it may break suddenly, therefore risking causing injuries to the user. Cracks, scratches, and discoloration in the areas subject to high stresses indicate that the component has exceeded its service life and please contact a specialized repaired or customer service.

# LIMITED WARRANTY STATEMENT

## Legal warranty description

The manufacturer offers a 24-month warranty (alternatively: warranty against defects) on new products (Sections 439 and 476 BGB). The warranty covers defects that already existed at the time of purchase. The warranty covers defects that already existed in the product at the time of purchase. If you discover a defect, you can ask the manufacturer to repair or otherwise improve the product. If the seller believes that the defect appeared after the purchase, they must prove this within the first six months. After six months, however, the burden of proof is reversed. The buyer must prove that the defect existed at the time of purchase.

## Description of the warranty

The warranty is a voluntary service provided by the manufacturer (manufacturer's warranty). The duration and conditions of the warranty are freely determined by the manufacturer.

The product is thoroughly inspected at least once or twice a year. In order to make a warranty claim, the original purchase receipt must be kept together with the maintenance instructions. The warranty conditions are fully and unconditionally recognised at the time of purchase. The warranty conditions are as follows:

- No warranty for accidental damage
- No warranty for improper use
- No warranty for damage caused by improper installation
- No warranty for non-observance of inspection and maintenance intervals
- No warranty for loss of parts or accessories

For the return request, KOOLUX is not responsible for lost packages due to the carrier, or products received that cannot be verified. Received products that have damage determined to have been caused by the end-user may be subject to denial of the return request.

# DISPOSAL NOTICE



## **Disposal Directive:**

Do not dispose of electronic devices and batteries with normal household waste. Opt for a responsible and approved disposal location within your local community, ensuring compliance with prevailing regulations. Should you have any uncertainties, we recommend reaching out to your local authorities for guidance on the appropriate and environmentally-friendly disposal methods.



## **Batteries/Rechargeable Batteries:**

As an end user, it is imperative to adhere to battery regulations, mandating the return of all used batteries. Disposing of batteries in standard household waste is legally prohibited. Look for the symbol on most batteries, serving as a reminder of this regulation, along with information about contained heavy metals. The environmentally friendly disposal of these heavy metals is a legal obligation for end users, who are encouraged to submit used batteries to designated collection points within their city or commercial establishments. In case of doubts, seeking guidance from local authorities is advisable for correct and eco-conscious disposal options.



## **Recycling Loop:**

Packaging material possesses the potential to be reintegrated into the raw material cycle. Ensure the disposal of packaging material aligns with legal provisions, and refer to information available through return or collection systems within your community. This approach guarantees a sustainable and environmentally-friendly contribution to the recycling loop.

## EU Declaration of Conformity



This declaration of conformity is established under the sole responsibility of the UK representative:

- Company : MASILI SOLUTIONS LTD
- Address : OFFICE 11, AUSTIN COURT 64 WALSALL ROAD SUTTON COLDFIELD UNITED KINGDOM B74 4QY
- Email : info@kuantuscooter.com

We therefore officially declare that the document is issued under our sole responsibility and belongs to the following

Product:	
Trademark:	KOOLUX
Product model:	U1
Product Description:	Electric Scooter
Manufacturer	Zhejiang Kuantu Industry And Trade Co.,Ltd Add: 2nd floor, Building 1, No. 1-1, Cangling Road, Huzhen Town, Jinyun County, Lishui City, Zhejiang Province, China
Product model:	KT4815.6
Product Description:	Li-ion Battery
Manufacturer	Anhui Yonglida New Energy Technology Co., Ltd Add: Huaiyuan County Economic Development Zone, Anhui Province, China
Product model:	HTL-180L-5462000
Product Description:	Battery Charger
Manufacturer	ShenZhenHaiLongTong Technology Co., Ltd

Compliance of the product concerned has been assessed and certified according to:

### For Electric Scooter:

European Regulations	Testing Standards
MD Directive 2006/42/EC	EN 60204-1:2006/AC:2010, EN ISO 12100:2010
EMC Directive 2014/30/EU	EN IEC 55014-1:2021, EN IEC 55014-2:2021
LVD Directive 2014/35/EU	EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A2:2019+A14:2019+A15:2021, EN 62233:2008
RoHS Directive 2011/65/EU	EN 62321-5:2014, EN 62321-4:2014+A1:2017, EN 62321-7-1:2015
Toys Safety directive 2009/48/EC	EN 62321-7-2:2017, IEC 62321-6:2015 IEC 62321-8:2017
	EN 71-1:2014+A1:2018, EN 71-2:2020, EN 71-3:2019+A1:2021

### For Li-ion Battery

European Regulations	Testing Standards
TEST REPORT IEC 62133-2	IEC 62133-2:2017
UN38.3 Test Report	IEC 62133-2:2017/AMD1:2021 ST/SG/AC.10/11/Rev.8/Section 38.3

### For Battery Charger

European Regulations	Testing Standards
TEST REPORT EN 60335-2-29	EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019 EN 60335-2-29:2004+A2:2010+A11:2018, EN 62233:2008

Notify body: STL

For and on behalf of  
MASILI SOLUTIONS LTD  
Jun Liang . CEO 30.6.2025  
Authorized Signature(s)

## EU Declaration of Conformity



This declaration of conformity is established under the sole responsibility of the EU representative:

- Company : Brianna Sarl

- Address : 6 rue d'Armaille 75017 Paris

- Email: info@kuanuscooter.com

We therefore officially declare that the document is issued under our sole responsibility and belongs to the following product:

Trademark:	KOOLUX
Product model:	U1
Product Description:	Electric Scooter
Manufacturer	Zhejiang Kuanu Industry And Trade Co.Ltd Add: 2nd floor, Building 1, No. 1-1, Cangling Road, Huzhen Town, Jinyun County, Lishui City, Zhejiang Province, China
Product model:	KT4815.6
Product Description:	Li-Ion Battery
Manufacturer	Anhui Yonglida New Energy Technology Co., Ltd Add: Huaiwan County Economic Development Zone, Anhui Province, China
Product model:	HTL-1801-S462000
Product Description:	Battery Charger
Manufacturer	ShenZhenHailongTongTechnology Co., Ltd

Die Konformität der betreffenden Produkte wurde anhand der folgenden Kriterien bewertet und zertifiziert: For

Electric Scooter:

European Regulations	Testing Standards
MD Directive 2006/42/EC	EN 17128:2020, EN ISO 12100:2010
EMC Directive 2014/30/EU	EN IEC 55014-1:2021, EN IEC 55014-2:2021
LVD Directive 2014/35/EU	EN60335-1:2023, EN 62233:2008
RoHS Directive 2011/65/EU	EN 62321-5:2014, EN 62321-4:2014+A1:2017, EN 62321-7-1:2015 EN 62321-7-2:2017, ISO 17075-1:2017, IEC 62321-6:2015 IEC 62321-8:2017
RED Directive 2014/53/EU	EN 300 328 V2.2.2, EN 62479:2010, EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4, EN IEC 62368-1:2020+A11:2020

For Li-ion Battery

European Regulations	Testing Standards
TEST REPORT IEC 62133-2	IEC 62133-2:2017
UN38.3 Test Report	IEC 62133-2:2017/AMD1:2021 ST/SG/AC.10/11/Rev.8/Section 38.3

For Battery Charger

European Regulations	Testing Standards
TEST REPORT EN 60335-2-29	EN60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019 EN60335-2-29:2004+A2:2010+A11:2018, EN62233:2008

Notify body: STL

For and on behalf of  
BRIANNA SARL  
Shuai Wei, CEO 30.6.2025  
Authorized Signature(s)



# CONTACT

We have a professional team that provides warranty services and lifetime after-sales consulting services for all our products . If you have any problems while using our products, please contact our customer service team in time . We will reply you as soon as possible and provide you with a satisfactory solution.

**E-mail Service: [info@kuantuscooter.com](mailto:info@kuantuscooter.com)**

**Website: [www.koolux.eu](http://www.koolux.eu)**

# Warranty Card

## Customer Information:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State/Province: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Country: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

## Scooter Information:

Model: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

## Instructions:

Please fill in the customer and scooter information above. Keep this warranty card in a safe place.

Present this card along with proof of purchase for any warranty service.

This warranty card is valid for the warranty period specified.

## Important:

This warranty card is non-transferable.

For warranty service, contact the authorized dealer/center listed above.

This simple warranty card template provides a space for customers to fill in their personal details, scooter information, and warranty period. It also includes instructions for use and a section for the customer's signature, ensuring that the warranty is personalized and official.

**KOOLUX**