

Z6

Electric Scooter Z6 User Manual



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





Why Is It Necessary To Read This Manual Before Operating?

- 1.This manual is a general manual for the series of Z6 Pro products.
- 2.This manual was written to help you understand the proper use and maintenance of the line of Electric Scooter.
- 3.It is important to understand the functions and features of the new before operating it as it will allow you to enjoy it from every ride.

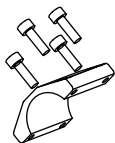
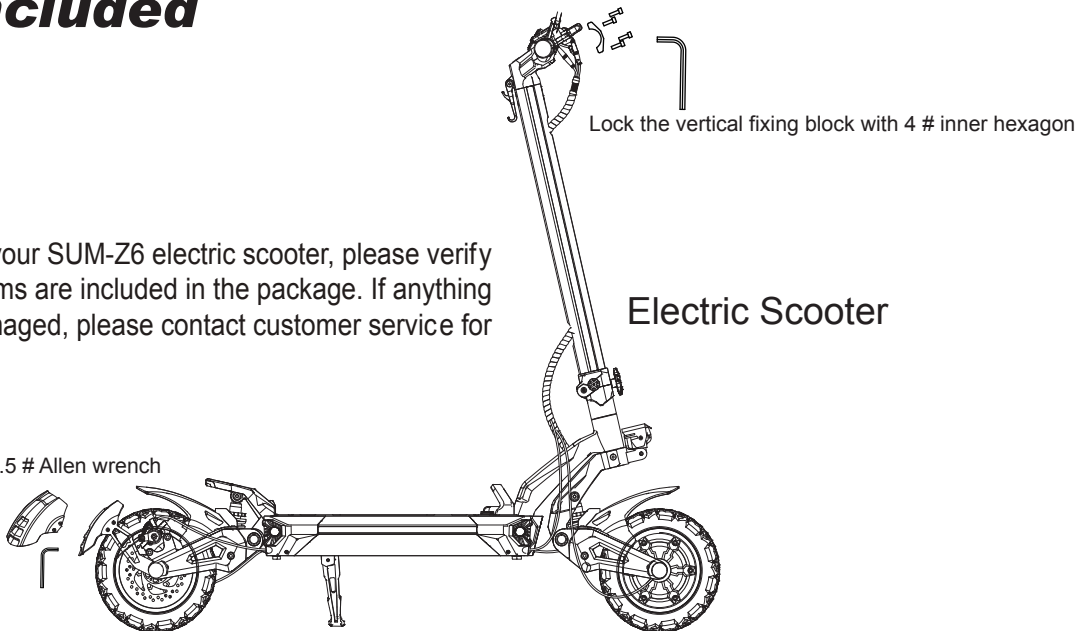
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What's included

- When unboxing your SUM-Z6 electric scooter, please verify that the below items are included in the package. If anything is missing or damaged, please contact customer service for support

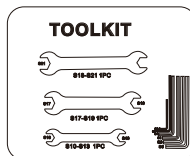
Please tighten with a 2.5 # Allen wrench



Vertical fixing block



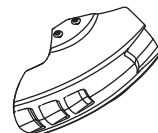
Charging adapter



TOOLKIT

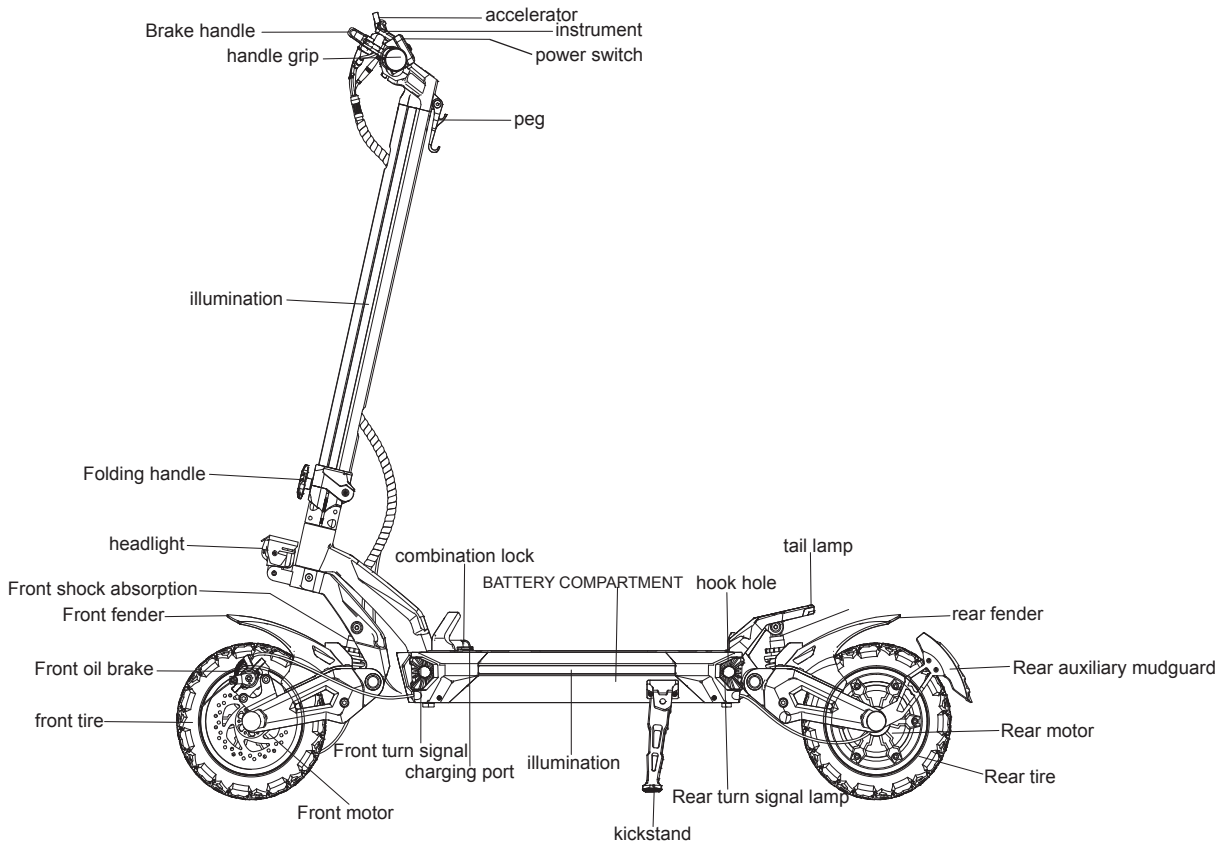


User Manual

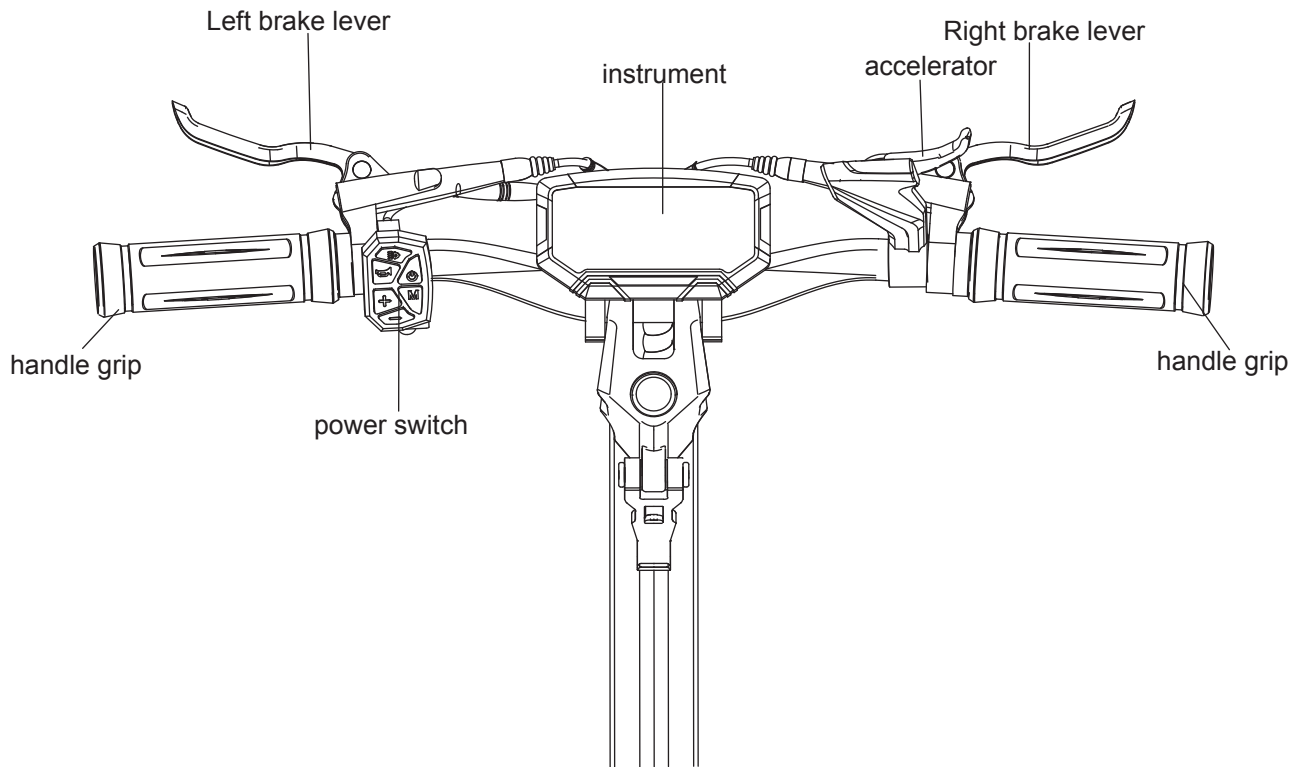


Rear auxiliary
mudguard

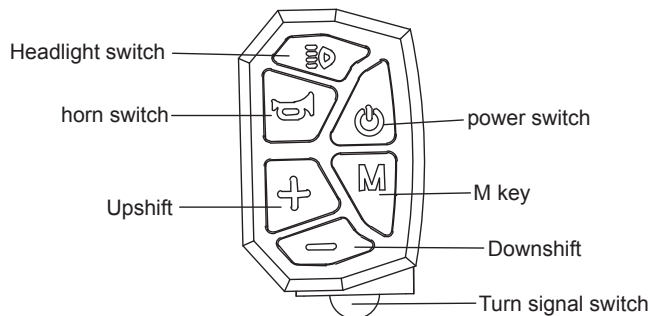
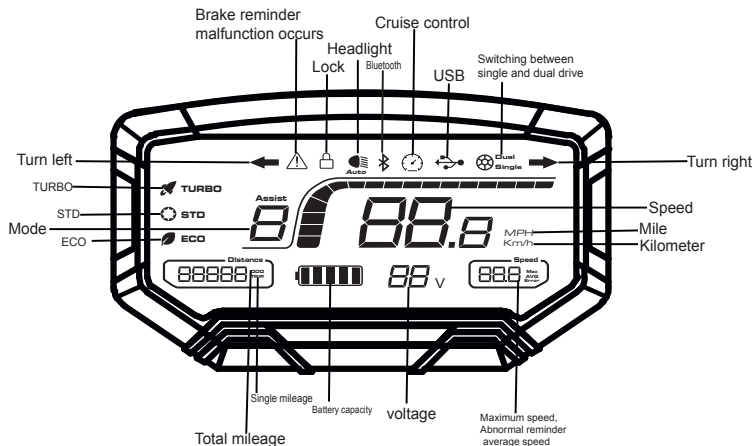
Product Overview



Control Panel



Control Panel



Switch dual drive: press the M key to switch, and the instrument icon will change.

Turn on the colored lights: Press the power button to turn on the colored lights after the machine is turned on.

Enter the setting interface: press and hold the M key for setting.

Error Code Definition Table

Error code definition

3E rear drive motor blocked or out of phase

4E battery voltage low protection, undervoltage protection.

After the 5E system is powered on, check if the brakes are working properly. If the brake signal is less than 0.75 volts for a long period of time, it indicates a brake failure.

6E detects if there is a malfunction in the Hall commutation signal of the rear drive motor, and checks for poor contact in the Hall signal connector. If this condition persists after reconnecting the terminals, it indicates that the Hall of the rear drive motor is damaged.

The 7E system is powered on to detect if the handlebar is out of control or if the handlebar signal is less than 0.75 volts. Alternatively, the customer can turn the knob before the system starts working, and the fault can be resolved after resetting.

8E rear drive controller malfunction.

Communication failure between 15E instrument and controller, instrument unable to receive controller signal, green cable not connected

Communication failure between 10E instrument and controller, controller unable to receive instrument signal, yellow cable not connected

1. Power on: Press and hold the power on button for 1-2 seconds to start the machine. After the machine is turned on, the display screen will remain fully lit for 1 second, and the display content will start flashing. After about 2 seconds, it will enter cycling mode.
2. Shutdown: Press and hold the on/off button for 2-3 seconds to shut down. It will automatically shut down after 5 minutes without any operation.
3. Gear range: 1-3 gears, press the "+" key to increase the gear value by 1 gear, and press the "-" key to decrease the gear value by 1 gear; The startup gear defaults to the gear before shutdown.
4. Headlights: Short press the headlight button to turn on the headlights, and then short press the headlight button again to turn off the headlights.
5. Horn: Press and hold the horn button, the horn will sound, but release the horn button and the horn will not sound.
6. Left and right turn: Turn the left and right turn toggle switch to the left, and the left turn signal will flash; Move to the right and the right turn signal will flash.
7. M key operation: Press and hold the M key for 3-5 seconds to enter menu settings; Short press the M key to switch menu items, press the "+" and "-" keys to adjust parameter values; Return to cycling mode within 6-9 seconds after no buttons are pressed;

Parameter settings

Long press the menu button for 3-5 seconds in cycling mode to enter parameter settings; Automatically return to cycling mode for 6-9 seconds without operation.

Function number, function adjustment and function:

P01 sets the speed unit, press "+" and "-" to select km/h and miles; The default is km/h;

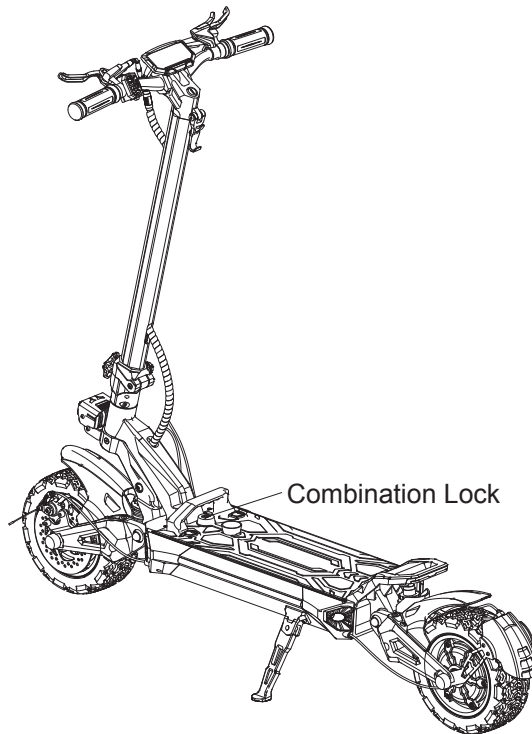
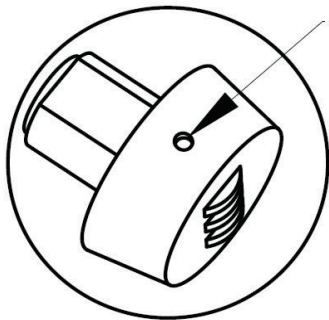
P05 sets the cruise switch: 1 to turn on the cruise control function, 0 to turn off; The cruise start time is 6-8 seconds, press the "+" and "-" keys to switch;

P06 sets zero start and non zero start, with 0 being zero start and 1 being non zero start; The default is 0, zero start, press the "+" and "-" keys to switch;

P99: Restore factory settings, press and hold the "+" button for 3-5 seconds in this mode, wait for 99 to change to --, that is, restore factory settings successfully, and automatically return to the cycling interface;

ODO: The ODO total mileage is reset to 0. In this mode, press and hold the "+" button for 3-5 seconds to reset the total mileage to 0 and automatically return to the cycling interface.

Combination Lock



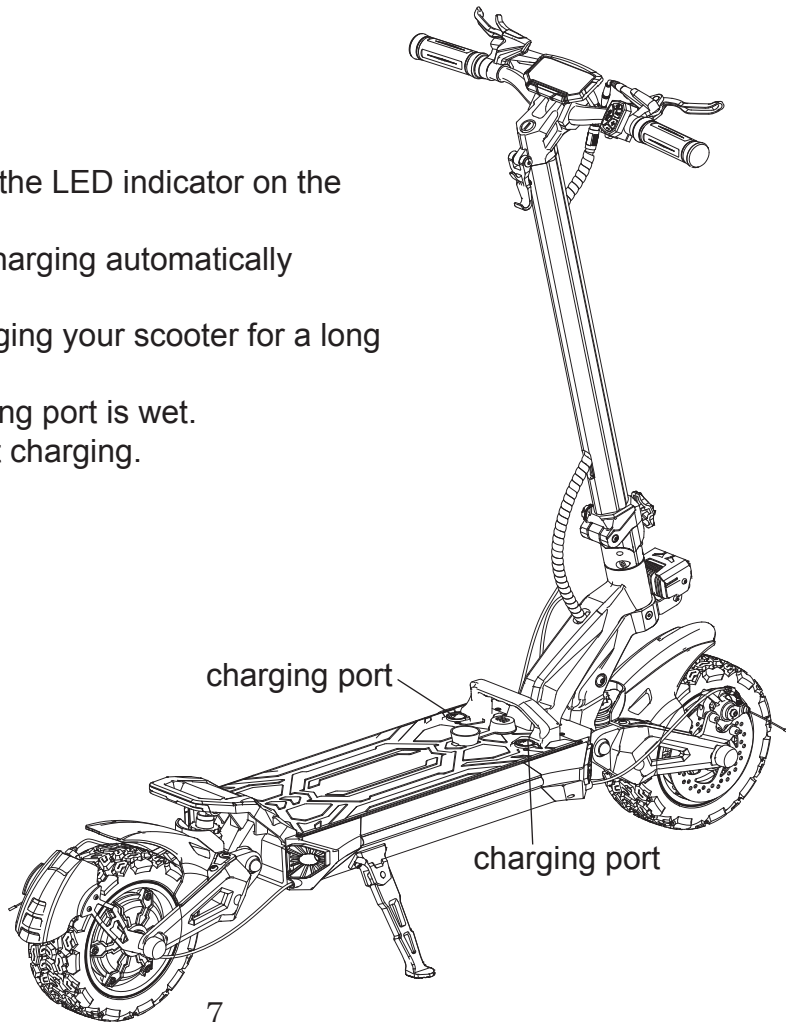
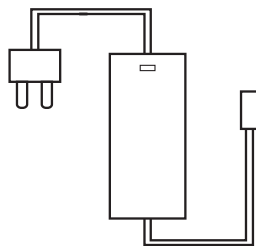
The factory password for the new scooter is: 000.
Adjust all passwords to 000 and turn them to the left

How to change the password: There is a password change hole at the bottom of the lock.
When it is open, use a small stick to top this hole and do not loosen it,

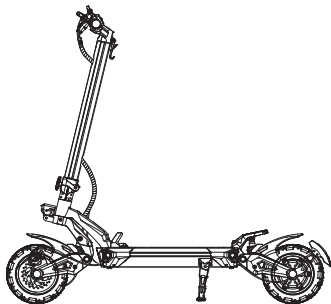
Then change the password, release it after completion, and the password change is completed. Just shuffle the password after locking.

Charging

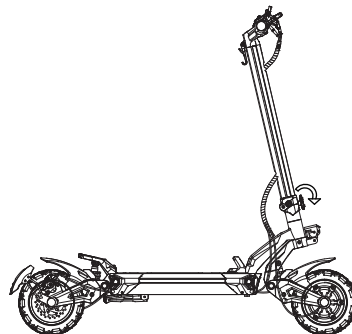
- Your scooter will be fully charged when the LED indicator on the charger changes to green from red.
With charging protection, it will cut off charging automatically after fully charge.
Even so, we still don't recommend charging your scooter for a long time more than 24 hours at one time.
Do not connect the charger if the charging port is wet.
Keep the charging port closed when not charging.



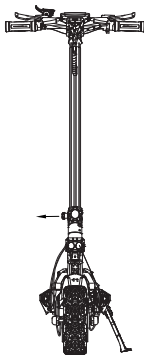
Folding method



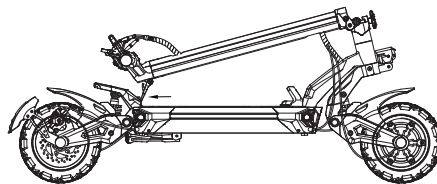
1. Please turn off all power sources before folding the entire vehicle



2. Loosen the folding fixing handle to the left



3. Pull out the safety pin and fold down the upright pole

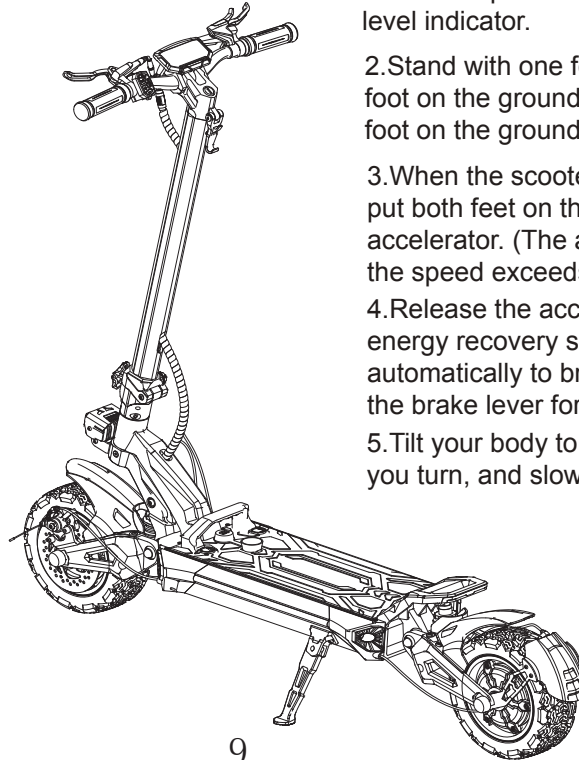
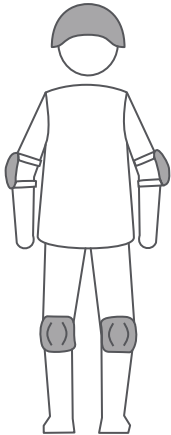
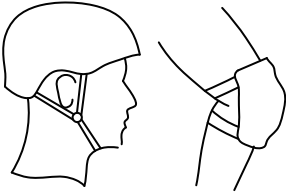


4. Hang the hook inside the hook hole and fix the upright pole

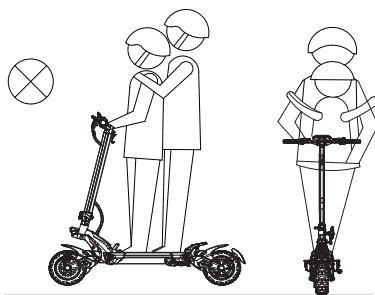
Riding Basics



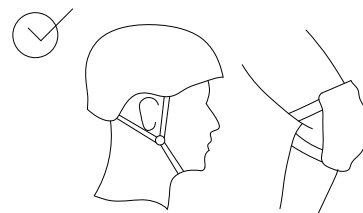
Wear a helmet, elbow pads, and knee pads in case of falls and injuries either you are a beginner learning to ride or you are a seasoned rider.



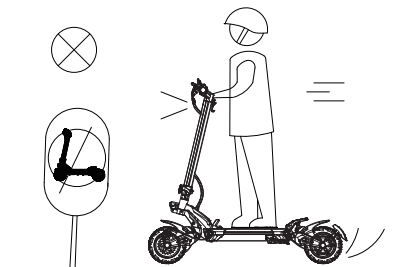
1. Turn the power on, and check the battery level indicator.
2. Stand with one foot on the deck and one foot on the ground. Scoot yourself with the foot on the ground.
3. When the scooter starts to move forward, put both feet on the deck and press the accelerator. (The accelerator initiates once the speed exceeds 3 mph.)
4. Release the accelerator and the kinetic energy recovery system (KERS) initiates automatically to brake slowly; And squeeze the brake lever for a sudden brake.
5. Tilt your body to the steering direction as you turn, and slowly turn the handlebar.



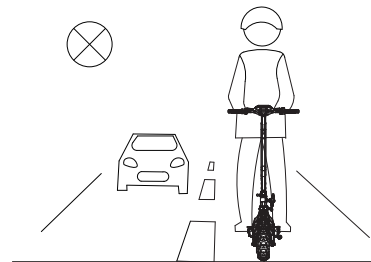
Do not ride with anyone else, including children.



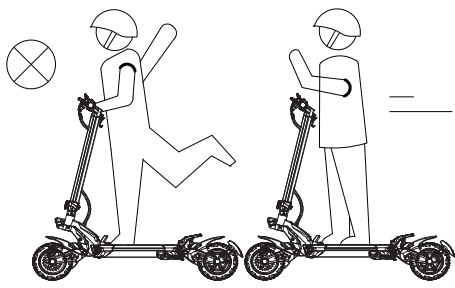
Please wear a helmet and protective gear before riding.



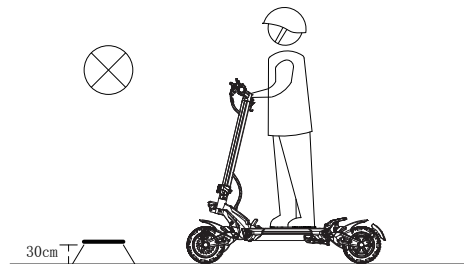
Do not drive on roads where cycling is not allowed.



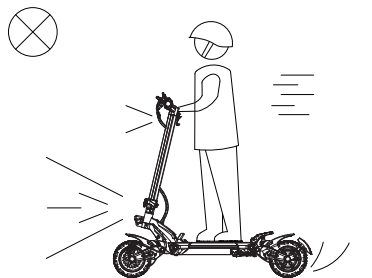
Do not ride in traffic lanes or residential areas where vehicles and pedestrians are both allowed.



Keep your feet off the rear mudguard.
Always keep your hands on the handlebar.



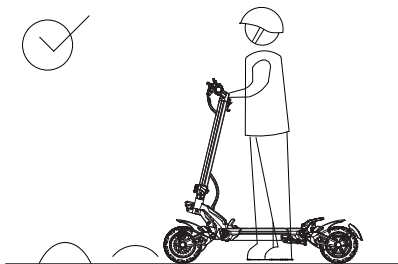
Do not try riding up or down stairs, and
jumping over obstacles.



Please do not overspeed.



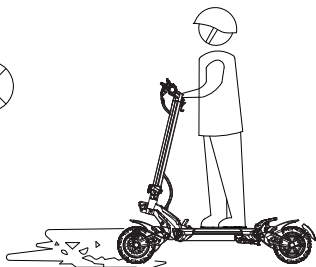
Do not ride in the rain.



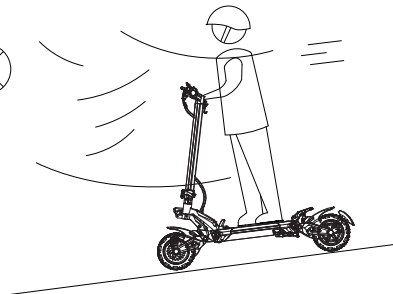
Don't ride on a steep slope, please get off and push.



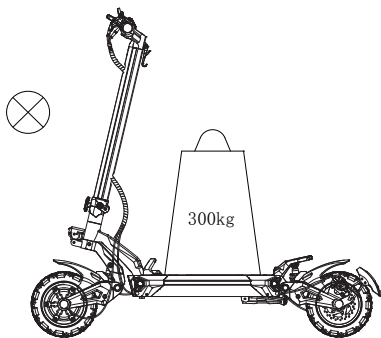
Always steer clear of obstacles.



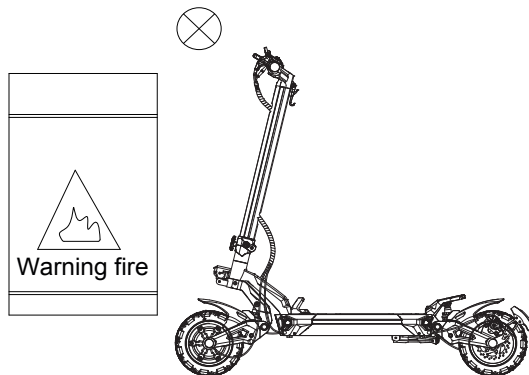
Do not ride in a ponding that is higher than 20mm.



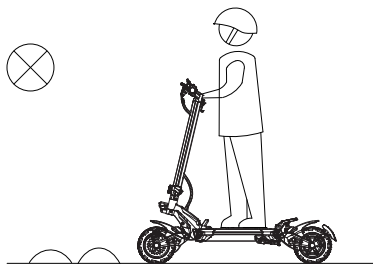
Do not accelerate when you go downhill.



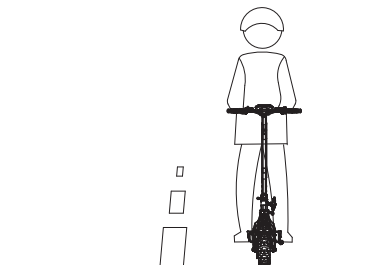
Please do not overload.



Stay away from fire, pay attention to fire.



Please keep a medium or low speed (5mph) when you ride across speed bumps, elevator, door sills, bumpy roads or other uneven surfaces. Slightly bend your knee to better adjust mentioned surfaces.



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

Daily Care and Maintenance

Cleaning and Storage

If you see stains on the scooter's body, wipe them off with a damp cloth. If you cannot scrub off the stain, put on some toothpaste, and brush them with a toothbrush, then wipe them off with a damp cloth.

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 deck 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. When the scooter is not in use, keep it indoors where it is dry and cool.
- Do not put it outdoors for a long time. Excessive sunlight, overheating, and over-cooling will shorten the battery pack's lifespan.

Battery Maintenance

1. Use original battery packs. Use of batteries of other models or brands may bring about safety issues.
2. Do not touch the contacts. Do not dismantle or puncture the casing. Keep the contacts away from metal objects to prevent short circuit which may result in battery damage or even injuries and deaths.
3. Use original power adapter to avoid potential damage or fire.
4. Mishandling of used batteries may do tremendous harm to the environment. To protect natural environment, please follow local regulations to properly dispose used batteries.
5. After every use, fully charge the battery to prolong its lifespan.

Storage and Disposal

1. Please try to store the scooter in a cool and dry place between -15°C and 40°C. In extremely humid environments the interior of the scooter may suffer condensation or even water accumulation, which may damage the battery rapidly. Devices are not intended for use at elevations greater than 2000m above sea level. Prolonged exposure to UV rays, rain and the elements may damage the enclosure materials. Please store Indoors when not in use.
2. In daily use, try to recharge the scooter after completely exhausting the battery. If the battery level is low, charge it as soon as possible.
3. Please charge the scooter every other month to preserve the battery.

Safety instructions

The Z6 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.

- At the same time, you should understand that risks cannot be entirely avoided as others may violate traffic regulations and drive incautiously, and you're exposed to road accidents just as when you're walking or biking. The faster the scooter is, the longer it takes to stop. On a smooth surface, the scooter may slip, lose balance, and even result in a fall. Thus it is crucial that you use caution, keep proper speed and distance, especially so when you're unfamiliar with the place.
- 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 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.
- Closely follow the safety instructions in the manual. Dealer shall not be liable for any financial losses, physical injuries, accidents, legal disputes and other interest conflicts resulted from actions that violate user instructions.
- Do not lend your scooter to whoever doesn't know the operations. And when you do lend it to your friends, please take the responsibility to ensure he/she knows the operation and wears the safety gear.
- Check the scooter before every use. When you note loosen parts, low battery alerts, excessive wear, strange sounds, malfunctions and other abnormal conditions, stop riding.
- **WARNING – Risk of Fire – No User Serviceable Parts.**

Product parameters

Z6	Item	Electric Scooter
Dimensions	Package size (L x W x H)	137*34*60cm
User	Load	150 kg
	Recommended Age	16+
	Recommended Height	150~200cm
Scooter	Max. Slope	35%
	Operating Temperature	-15°C~40°C
Charger	Input Voltage	110-240 V
	Output Voltage	54.6 V
	Output Current	2A
	Charging Time	<u>5</u> 5-7 h

- (1) The height of the body: Distance from the ground to the highest end of the body.
- (2) Description of the battery life: It is measured under the condition of full charge, a load of 70KG, at 25°C, on a flat road without wind, and at a speed of 15KM/H. The real battery life will differ with different factors of the load, humidity, wind speed and operation habits.
- (3) The maximum allowable weight shall be kept within 150KG (driver and objects included) in any case. Consider an extra weight of the clothes or other accessories with us during the trip and the gravity generated by speed, the scooter will not support it if this load limit is exceeded.

Password Setting

1. Enter the password to power on (default password: 000)

Press and hold the power button “” for 3 seconds to enter the password input interface. The first digit will start flashing. Press the “+” button to increase the number, or the “-” button to decrease it. Short press the power button “” to confirm the current digit and move to the next one. After confirming all three digits using the same method, double press the power button “” to verify the password.

If the password is correct, the device will power on. If the password is incorrect, the digits will flash, and you can short press the power button to re-enter the password. If there is no operation for 20 seconds on the password input screen, the display will automatically shut down.

2. Set New Password

After powering on, press and hold the “+” button and the power button “” together for 5 seconds to enter the “Set New Password” mode.

First, enter the original password and double press the power button “” to confirm.

Then, enter the new password twice. Press the “+” button to increase the number, or the “-” button to decrease it.

After the second entry, double press the power button “” again to complete the password setup.

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 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.

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

FCC RF Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.