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01 Description of the Scooter

Purpose



Congratulations on your purchase of an electric scooter!

The TOOINS electric scooter is designed for use on dry, clean, and smooth roads. Surfaces that subject the scooter to vibrations create critical stress, which can lead to premature failure.

- * To ensure safe operation of the electric scooter (hereinafter referred to as the “device”), please carefully read this manual before first use.
- * Understanding the basic warnings and recommendations described in this manual will help you operate the electric scooter more confidently and safely.
- * Please pay special attention to sections marked “Caution” and “Recommendations.”
- * If you have any questions related to device operation, please contact our supplier.

Operating Manual

TOOINS		
Basic	Max Speed	24.85mph
	Max Range per Charge	up to 18.64miles
	Li - Ion Battery	48V 10Ah
	Rated Motor Power	0.8hp
	Max Payload	264.55lbs
	Max Climbable Gradient	up to 15°
	Foldable	Yes
	Battery Charge Time	6-8hrs
Dimensions	Bluetooth	Yes
	Wheel Diameter	10"
	Ground Clearance	6.3inches
	Packaging Dimensions	46.06x6.89x21.26inches
	Gross Weight	41.89lbs
	Net Weight	39.68lbs

A label with your electric scooter’s model and key technical specs is printed on the deck.

TOOINS e - scooters can activate a speed limit of up to 25 km/h (in the second ride mode). Before use, confirm this limit is enabled. Operating a TOIINS e - scooter above 25 km/h is not recommended by the manufacturer, unauthorized by the distributor, and may lead to traffic violations—the rider (person using the e - scooter) assumes full liability.

- * Range data is based on lab tests: 60 kg uniform load, 10 km/h speed, flat surface, 25°C optimal humidity/temperature. Actual range may vary.
- * Max payload assumes straight - line travel on flat ground, with weight evenly distributed between both feet.

Construction



- 1. Display
- 2. Accelerator Lever
- 3. Brake Lever
- 4. Front Drum Brake
- 5. Rear Shock Absorber
- 6. Folding Mechanism
- 7. Front Light
- 8. Front Fender
- 9. Dimensions

Control Components



- 1. Logo
- 2. Battery Charge Level
- 3. Accelerator Lever
- 4. Hand Brake
- 5. Current Speed and Distance Indication
- 6. Speed Mode Indication
- 7. Power Button

Surface Requirements



Midway scooters are designed for urban roads. Use on uneven hard surfaces is permitted, including compacted ground, pavement slabs, and cobblestones.

02 Operation

Preparation for Use



Before use, ensure all parts of the scooter are intact. Check the tightness of all screws and fasteners, and the operation of the braking system. If needed, tighten screws fully.

1. Unfold the Scooter



Step 1

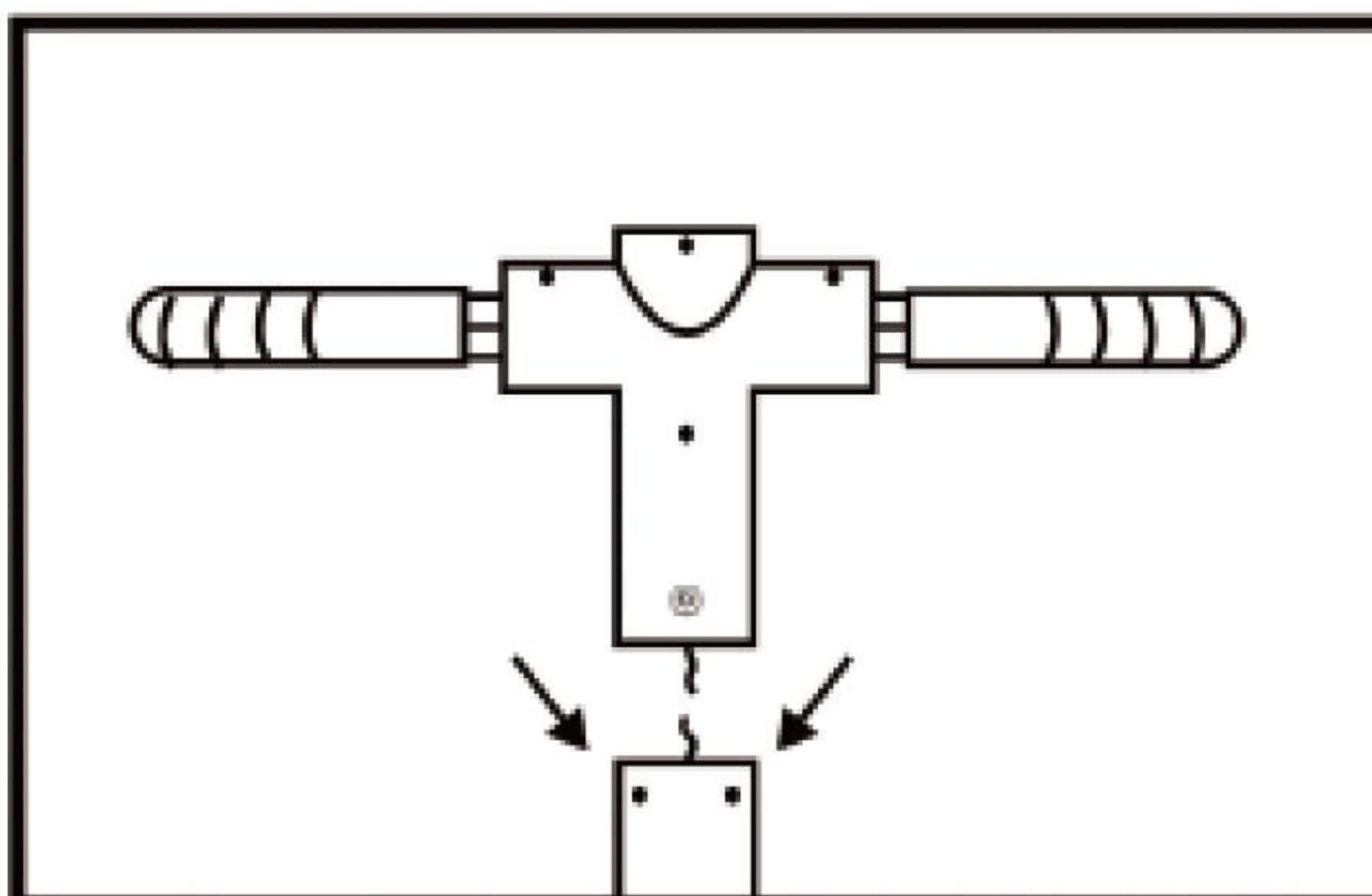
Lift the handlebar until it stops.



Step 2

Lock the handlebar stem fixing mechanism.

2. Handlebar Installation



To fold the device, press the locking button and release the folding mechanism lever.

Control Panel



Starting Movement

- Press and hold the on/off button for 3 seconds to turn the e - scooter on or off.
- To start moving, gently push off with one foot and then press the throttle.
- To brake, use the brake lever.
- To adjust acceleration and max speed, switch the scooter's ride mode by double - pressing the on/off button within 1 second. Three speed modes are available: up to 15 km/h 、 up to 25 km/h 、 up to 40 km/h.
- Turn the headlight on/off by briefly pressing the button when the scooter is on.

Official App



ios



Android OS

The app can be downloaded via QR code or by searching in Play Market/Apple Store.

Connecting Midway E - Scooter to Phone

- 1.Install the appropriate app on your smartphone and turn on the e - scooter.
- 2.Grant the app location and Bluetooth access on your smartphone.

Default password (if set): 888888
The app is for informational purposes only and does not expand the e - scooter’s functionality.
Updating the controller firmware via official/third - party apps may risk device malfunction. If the device fails due to unofficial firmware updates, it is not covered under warranty.

Procedures for Inspecting the Electric Scooter Before and After a Ride

1. Braking System

Before starting to move, ensure the braking force is sufficient for effective braking and that the braking system is in proper working order. If there are issues, refrain from operating the scooter.
Electric scooters are equipped with a regenerative brake (rear wheel) and a mechanical brake (rear wheel).
Damage to the scooter’s fenders is not covered under warranty. In case of failure of safety - related elements or their malfunction, the user must immediately contact an authorized service center for non - warranty servicing.

2. Wheel Wear and Tire Inspection

Inspect the wheels before starting to move. Pay attention to the degree of wheel wear. Operation of an electric scooter with worn - out, abnormal, or damaged tires is prohibited. Also, check the condition of the tires and, if necessary, arrange for their servicing or replacement. In case of wheel damage, contact the service center regarding your electric scooter. Replacement or repair of the mentioned or damaged elements should be carried out in a timely manner.

3. Checking the Reliability of Connections

All connections of the electric scooter, such as the handlebar folding mechanisms or frame joints, must be checked periodically for loosening. Before each ride, carefully check all connections.
Check the handlebar folding mechanisms for play; threaded connections must be tightened sufficiently, and folding mechanisms should not have excessive play.

4. Determining the Need to Replace Parts and Components

Wearing parts and components of the electric scooter, such as tires, tubes, crowns, spokes, etc., require periodic inspection and replacement, have different service lives, and need replacement at different times. Therefore, it is necessary to regularly service the electric scooter and perform technical inspections to determine the degree of wear and the need to replace each part or component at the MIDWAY service center.

How to Charge the Scooter



The charging port is located on the right side of the scooter's deck, in the direction of travel. Carefully remove the protective cap, insert the charging cable, then plug the charger into an outlet.

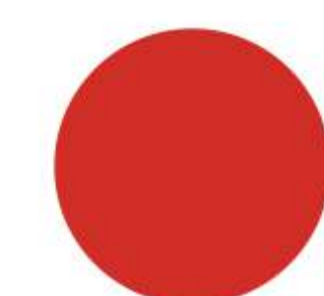


To fully activate your scooter's battery, fully discharge the scooter during the first ride. After that, charge it for 8 - 10 hours.

Charge Indicators



Green: Charged



Red: Charging

Indicator is on the charger.

Battery Charging Rules

Caution!

Use only the original charger. Non - original chargers do not guarantee quality and safe charging of the battery.

A faulty charger may cause a fire. Unplug the charger from the power source if left unattended.
Children may use the charger only under adult supervision.

Do not touch the charger's plug during operation or within 10 seconds after unplugging it.

The battery retains charge for 30 - 60 days in standby mode.

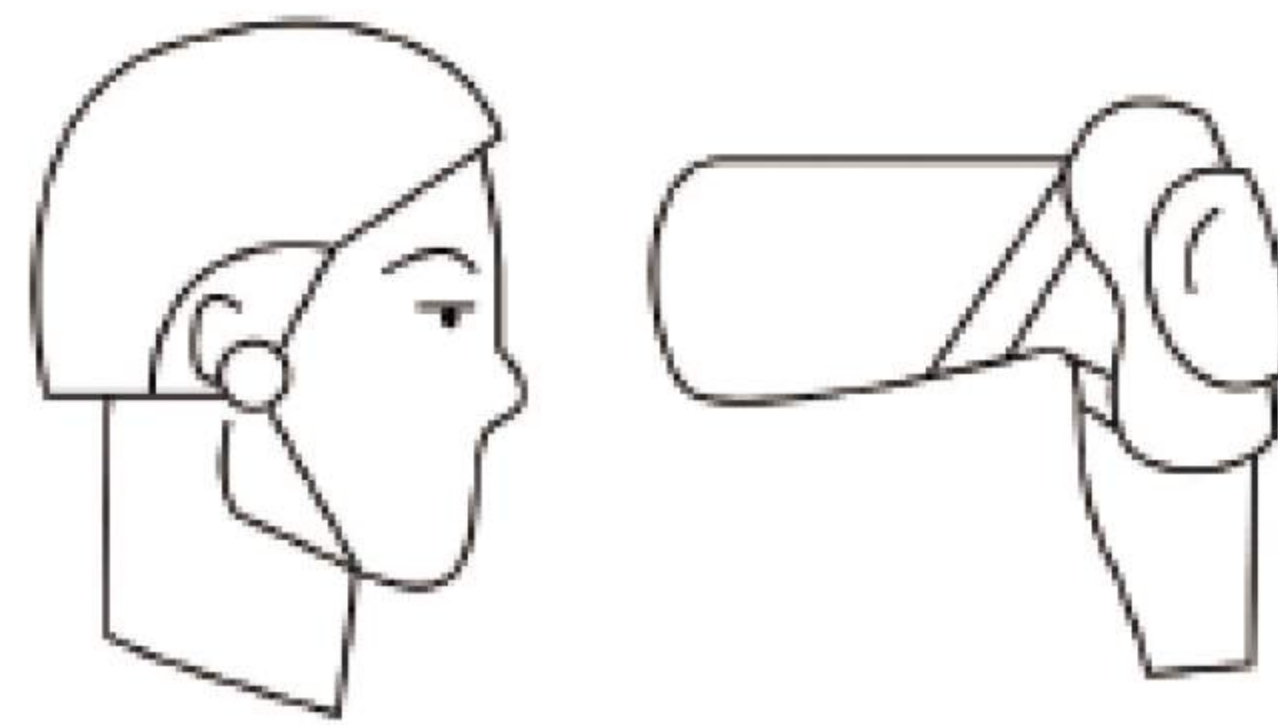


Remember to charge the battery after each use.

A full discharge may damage the battery.

Electronic components inside the battery monitor charging/discharging conditions. Damage caused by overcharging or deep discharging is not covered under warranty.

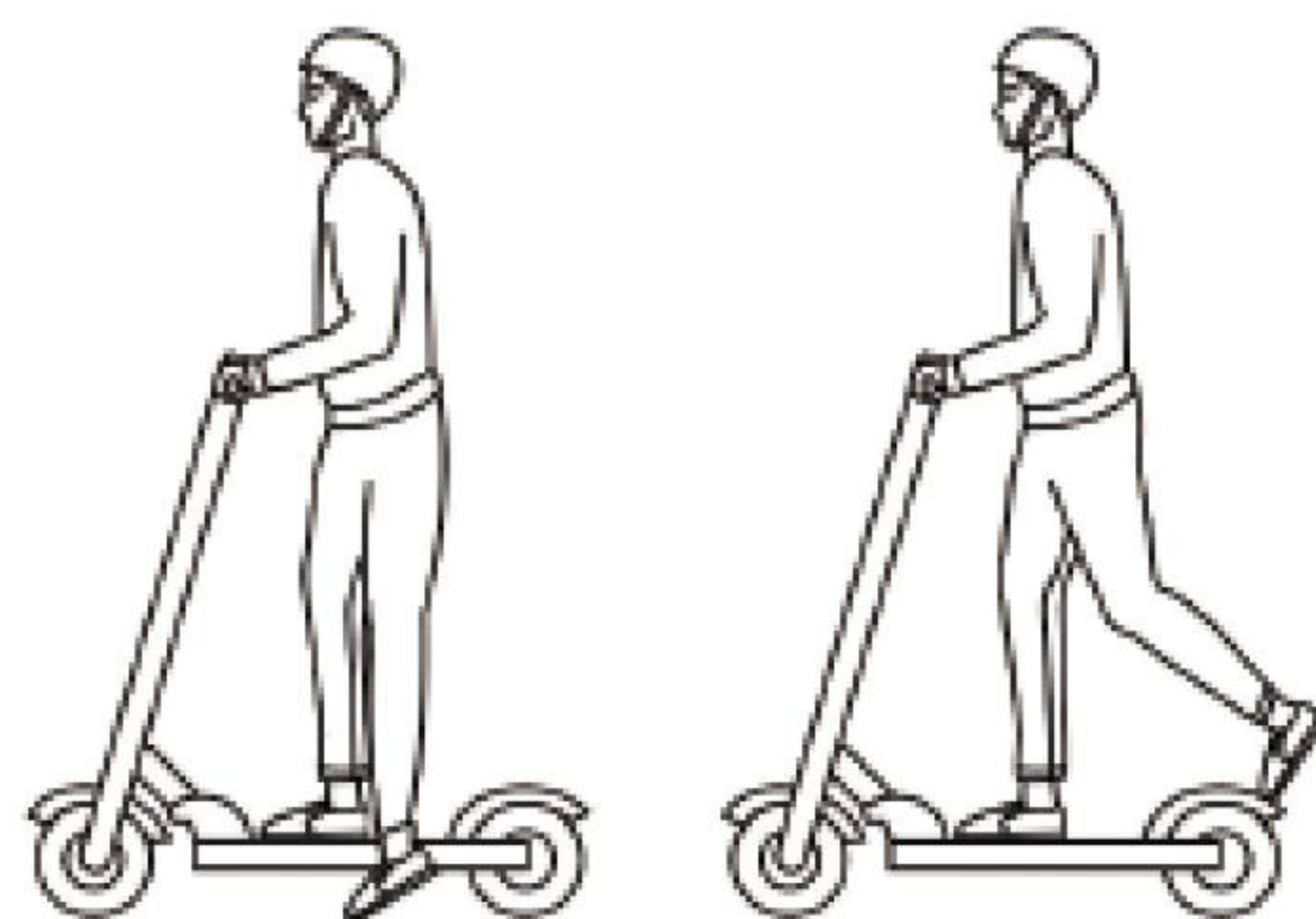
Operation



Caution! Always wear a helmet, elbow pads, and knee pads when operating the e - scooter.



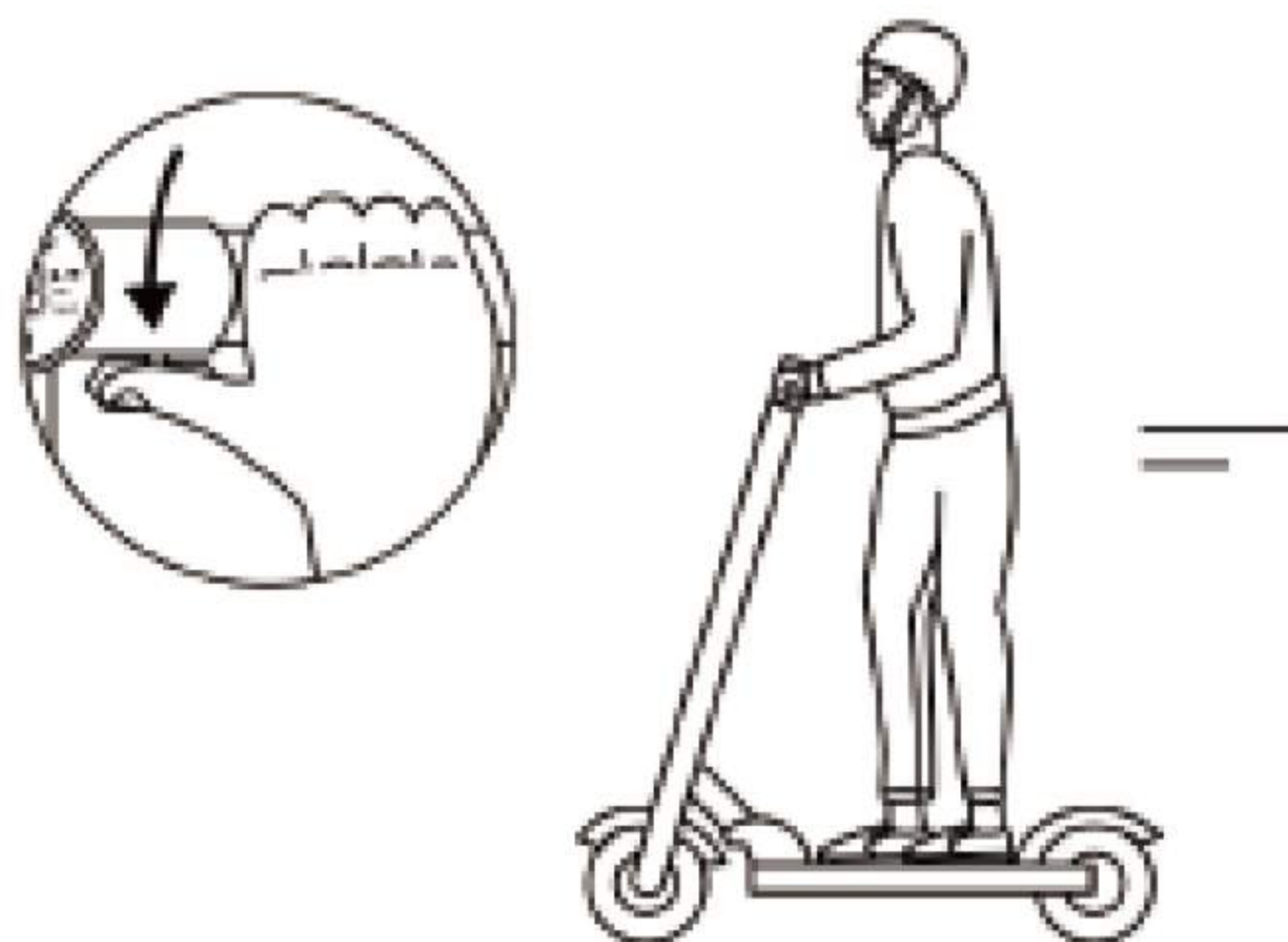
Press and hold the power button for 2 seconds.



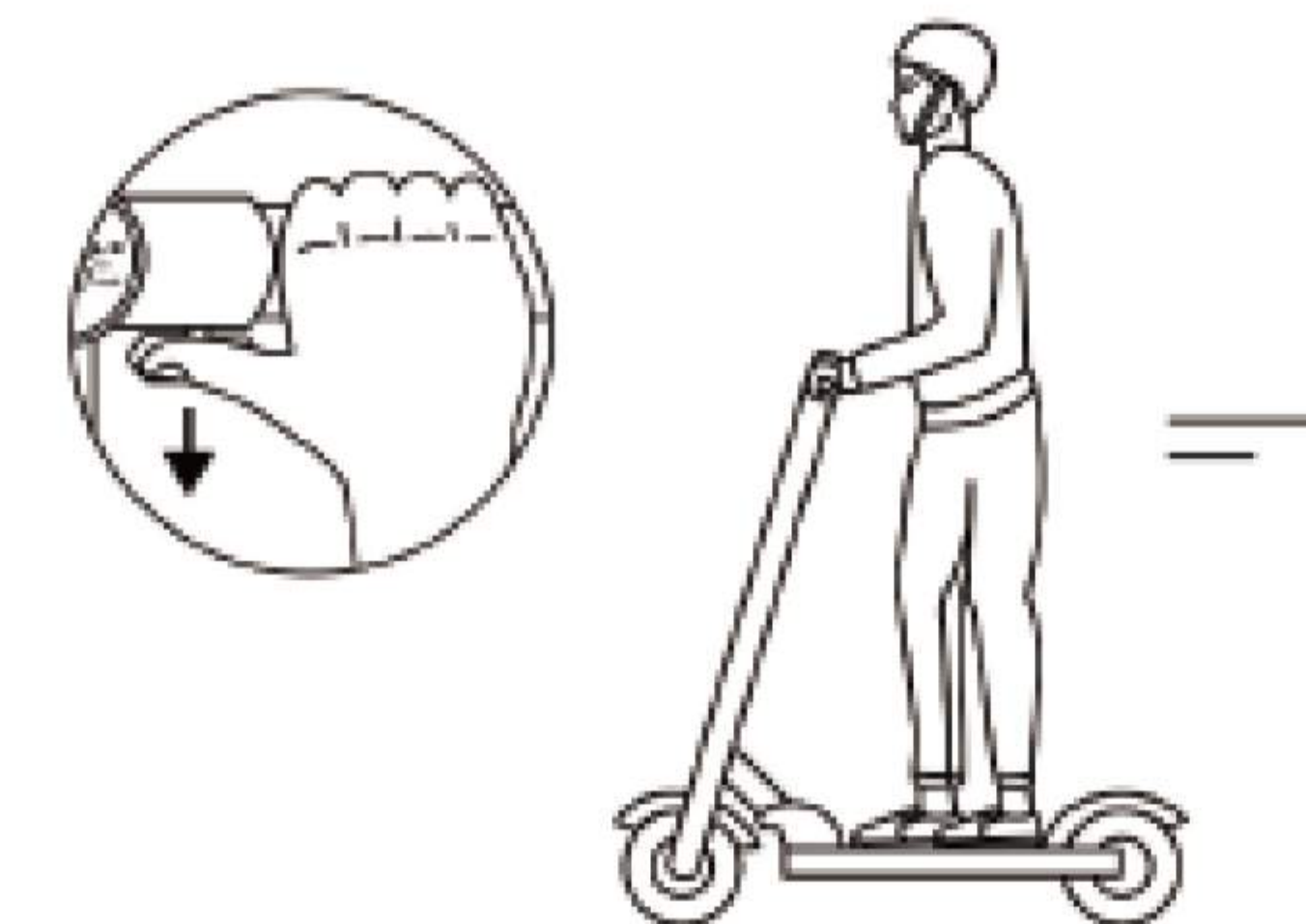
Place one foot on the deck, push off with the other foot.



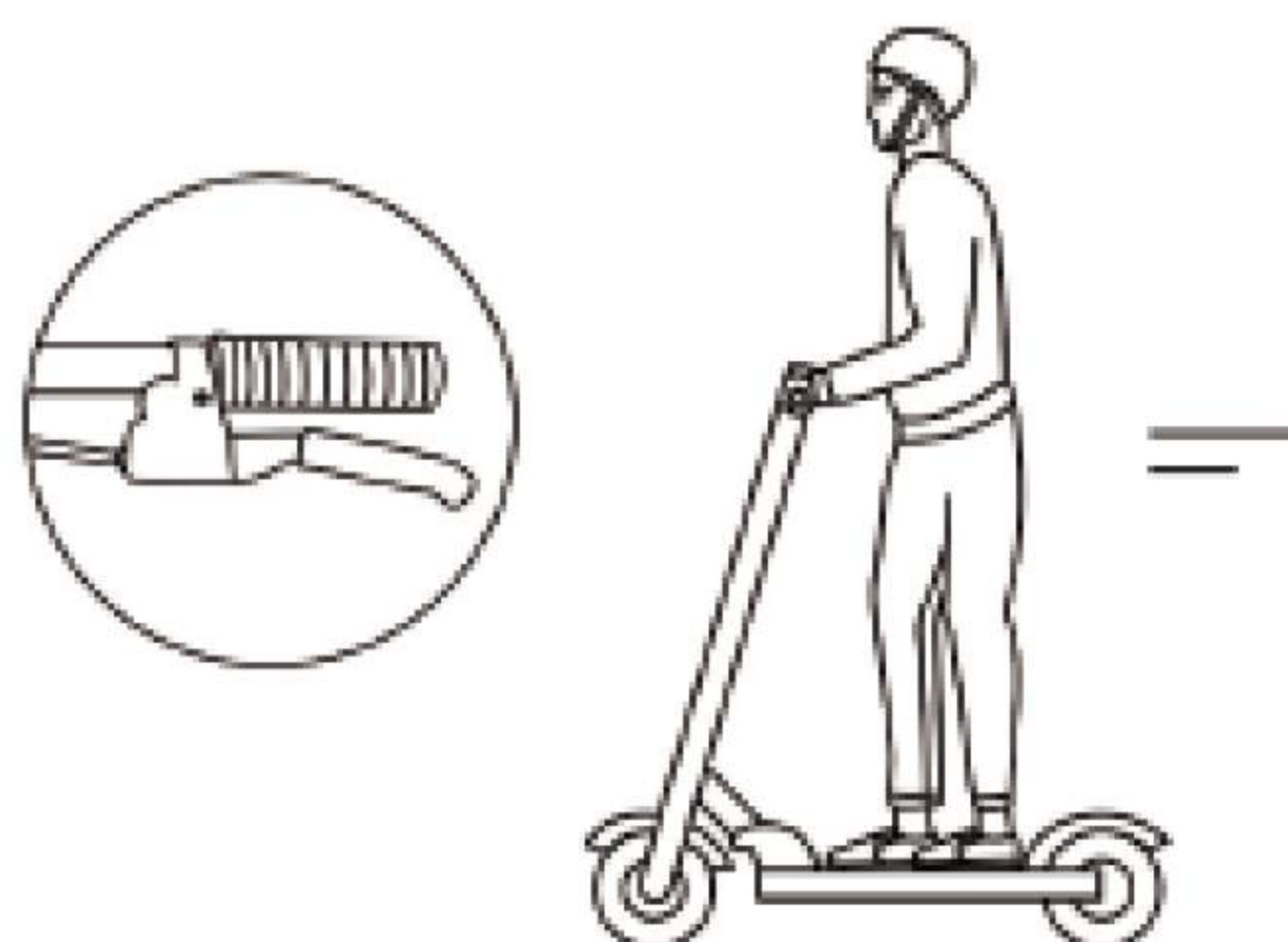
Once you have enough momentum, place the second foot on the deck.



To engage the motor, gently press the throttle. Use the handlebars to turn.



To accelerate, press the throttle. Don't accelerate too quickly.



To slow down, press the brake lever/handle. If needed, press down on the rear fender with your foot.



You can get off the e - scooter at minimum speed or after coming to a complete stop.

Cleaning and Storage

Before cleaning, ensure the e - scooter is off and the charging port cap is closed. Do not clean while charging. Do not use gasoline, kerosene, or other corrosive solvents. Do not wash with a direct water stream.

Store the e - scooter in a dry place at +5 to +30°C. Do not leave it outdoors unattended. If unused for a long time, charge the battery at least once a month and keep its charge above 50%.

Disposal Requirements

Waste (including contaminated soil) must be collected and disposed of per regulations like SanPiN 2.1.7.1322 - 03.

The e - scooter has recyclable components. Packaging marked with a “do not dispose of as household waste” symbol meets European Directive 2002/96/EC. Check local waste laws before disposal; always dispose of the scooter separately from household waste.

Transportation

Electric scooters can be transported via all modes of transport, following the freight transport rules applicable to each mode.



When shipping the device, it's recommended to use the original factory packaging. During transport, the e - scooter must be protected from impacts and vibrations. Transport should avoid direct exposure to atmospheric precipitation and aggressive environments.



If you need to ship the e - scooter with lithium batteries by air, you may need to send the battery separately.



Lithium batteries contain hazardous materials. Transport must comply with local laws.



To avoid fire, electric shock, injury, or device damage, strictly follow basic safety precautions when handling the device and general electrical safety guidelines.

02 Safety Guidelines

Safe Riding

1. Operating the scooter carries risks of injury/damage from loss of control, road hazards, collisions, and falls.
2. Do not ride without protective gear: helmet, knee pads, elbow pads, wrist guards.
3. Do not ride faster than 25 km/h.
4. Do not ride on roads not designated for motor vehicles. Follow local rules for similar devices.
5. The scooter is not waterproof. Do not ride in rain, snow, on wet/muddy roads. Warranty does not cover water - related damage.
6. Do not use if pregnant or under the influence of alcohol/drugs.
7. Do not ride under the influence of alcohol, drugs, or any impairing substances.
8. Minimum recommended rider age: 14 years old.
9. Choose safe routes and plan ahead for riding conditions.
10. When accelerating/braking, maintain center of gravity—avoid leaning too far forward/backward to prevent falls.
11. When stopping, place feet one behind the other for stability.
12. When turning, keep body parallel to the handlebars. Check road conditions first for safety.
13. When braking, shift center of gravity backward. Ignoring this may cause the scooter to flip or damage brakes/handlebars.

Continuing Safety Guidelines

14. Never use headphones for music/podcasts while riding—this distracts from road conditions and is dangerous.
15. Always control your speed.
16. Do not carry passengers. Riding with two or more people is prohibited.
17. Avoid uneven surfaces like gravel, soft ground, railway tracks, or drainage grates—they may cause loss of control/injury. Cross carefully or walk the scooter past risky areas.
18. Always keep a safe stopping distance from stationary/slow - moving objects. Adjust braking distance based on road conditions.
19. Riding at night or in low - visibility conditions is dangerous. The scooter has front/rear lights for better visibility—use them and wear reflective clothing.
20. Like all mechanical devices, the scooter and its parts have a limited service life based on use conditions. It's not designed for jumps, tricks, or extreme riding.

Improper use/repairs void the warranty. Falls increase stress on the scooter, causing premature wear/failure—leading to loss of control and serious injury. Regularly inspect for signs of excessive stress.



*Disclaimer
Follow local/federal traffic laws.
The manufacturer is
not liable for consequences of rider speeding.*

Battery Charging

1. Ensure the power outlet is clean—no dust, debris, or foreign objects.
2. Charge the battery in a child - proof area.
3. The charger plug must fully match the scooter's charging port. Incorrect insertion may cause short circuits or damage.
4. Red indicator lights during charging; green lights when fully charged.
5. The scooter's charger input voltage is 220V. Power surges may damage electronics—use a voltage stabilizer and never leave charging unattended.
6. If unused for long, charge the battery at least once a month, keeping it above 50% charge.
7. Max battery charging current: 2A.
8. Do not charge in high - humidity areas.
9. Do not activate the motor while charging.
10. Improper storage/charging may damage the battery.
11. If the battery is damaged, contact your local service center immediately.
12. Recommended operating temperature for the scooter: +5 to +35°C.
13. Do not use/store the scooter in private homes/apartments (e.g., living rooms, balconies). In case of fire, use a powder extinguisher—never water. Store in areas with automatic fire suppression.



*Understanding these warnings/recommendations
helps you operate the e - scooter safely.*

Disclaimer & Warranty
Non - Warranty Cases
(Require Payment for Repair/Service):

- 1. Failure to follow instructions/precautions.
- 2. Incorrect assembly or damage from user - caused misuse.
- 3. Repairs by unauthorized services or use of non - original parts.
- 4. Component damage from delayed replacement of worn parts.
- 5. Damage from foreign objects or improper tire inflation.
- 6. Damage from overloading, road hazards, extreme riding.
- 7. Damage from force majeure (floods, lightning, etc.).
- 8. Wear - and - tear parts (no free servicing).
- 9. Water damage (liquid ingress).

Warranty Coverage:

Only for main electronic components (battery, controller, motor - wheel, front/rear brakes). Excludes physical damage/wear.

Warranty Exclusions:

Covers frame, handlebars, accelerator/brake levers, tires, tubes—only if damage is factory - defect.

Tightening Requirement:

All screws must be properly tightened. Loose connections causing damage are not covered.

Warranty Periods

- Battery: 6 months
- Controller: 3 months
- Motor - wheel: 6 months
- Front/rear brakes: 12 months or 1500 km (whichever comes first)

Valid if instructions are followed, device is undamaged, no water ingress, and factory seal is intact.

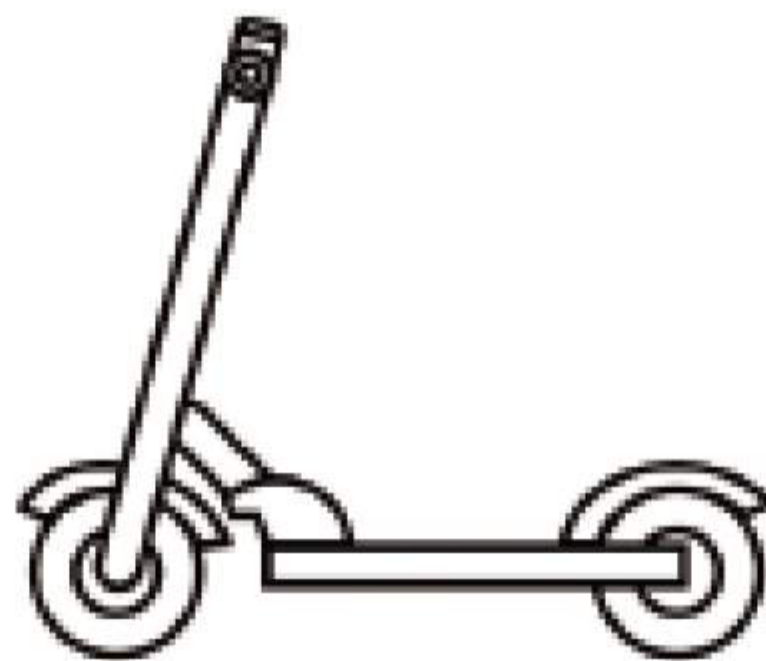
Service Life

Scooter service life: 12 months

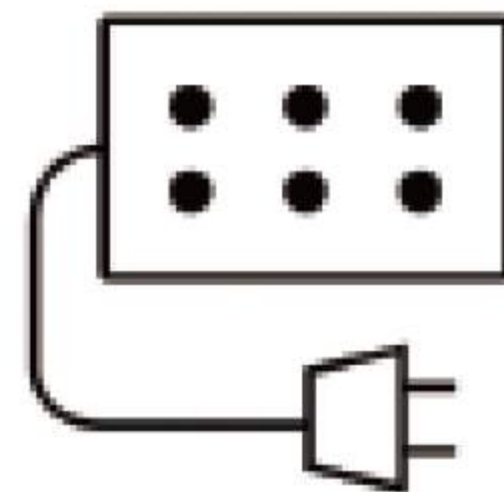
Recommendations

- 1. Riders under 14 must be supervised by adults.
- 2. Do not use if mentally/physically impaired.
- 3. Read this manual and safety guidelines thoroughly before use.

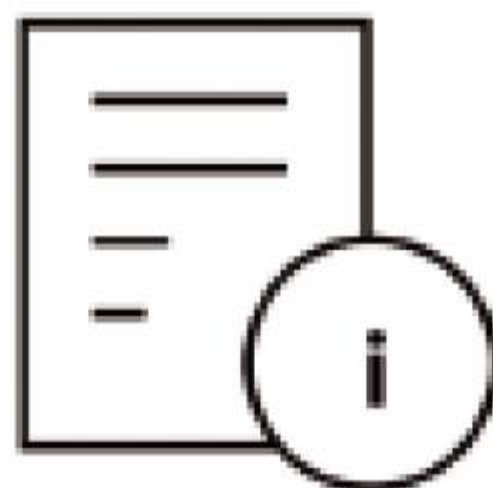
04 Package Contents



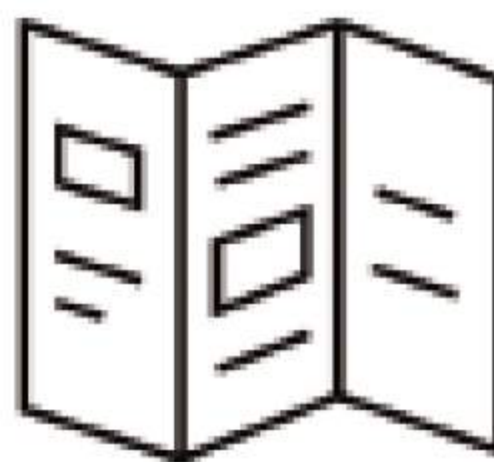
Electric scooter: 1 unit



Charger: 1 unit

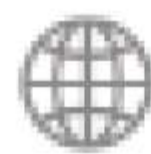


User manual: 1 unit



Quick start guide: 1 unit

If any items are missing or damaged upon receipt, contact the store where you purchased the scooter immediately.



Official website:

www.tooins.net



Service center:

support@tooins.net



The manufacturer reserves the right to modify product specifications, design, and package contents without prior notice to the seller.

06 FCC Warning

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 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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