INMOTION

# Climber

## Electric Scooter User Manual



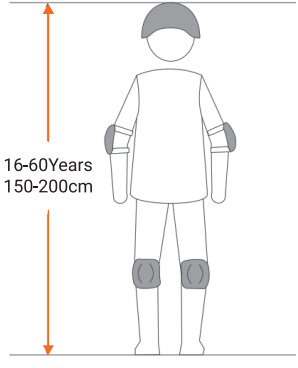
Before using your scooter, please read the instructions, and keep this manual for ready reference.
Original instructions


INMOTION

# GETTING STARTED

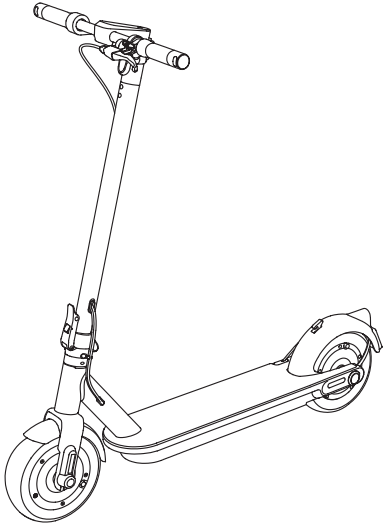
Thank you for choosing the INMOTION electric scooter(hereinafter referred to as the scooter)! This scooter is an intelligent high-tech entertainment product. When you use the scooter, there may be situations such as falling or collision that can cause injury and other risks. To reduce possible risks and ensure the personal and property safety of yourself and others, you have the responsibility and obligation to carefully read the user manual, fully understand all the warnings and precautions listed in this manual, and ensure that you can use it correctly. To obtain the latest feature/function information and safety guidance, please download the electronic version from the official website. Important! Read carefully and keep for future reference.

Serial number (referred to as SN below) is a unique identifier for each product, which can be used for product warranty, maintenance, insurance claims, loss confirmation, and so on. The SN is a 16-character numeric code that can be found on the packaging box label, the body of the product, or in the device information section of the associated App.
Get closer to your seller so he can refer you to an Appropriate training organization.




When riding an electric scooter, please wear a helmet, knee pads, elbow pads, wrist guards and other protective gear throughout the journey to reduce the risk of injury.
All pictures in this manual are for reference only. Please refer to the actual product for accuracy.

# PRODUCT LIST

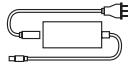




User Manual



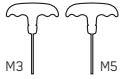
Quick Start Guide



Power Cord/Adapter



1*Extended air valve



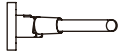

2*T-handle hex key




2* Allen wrench



5*M3 Screw



1*Kickstand

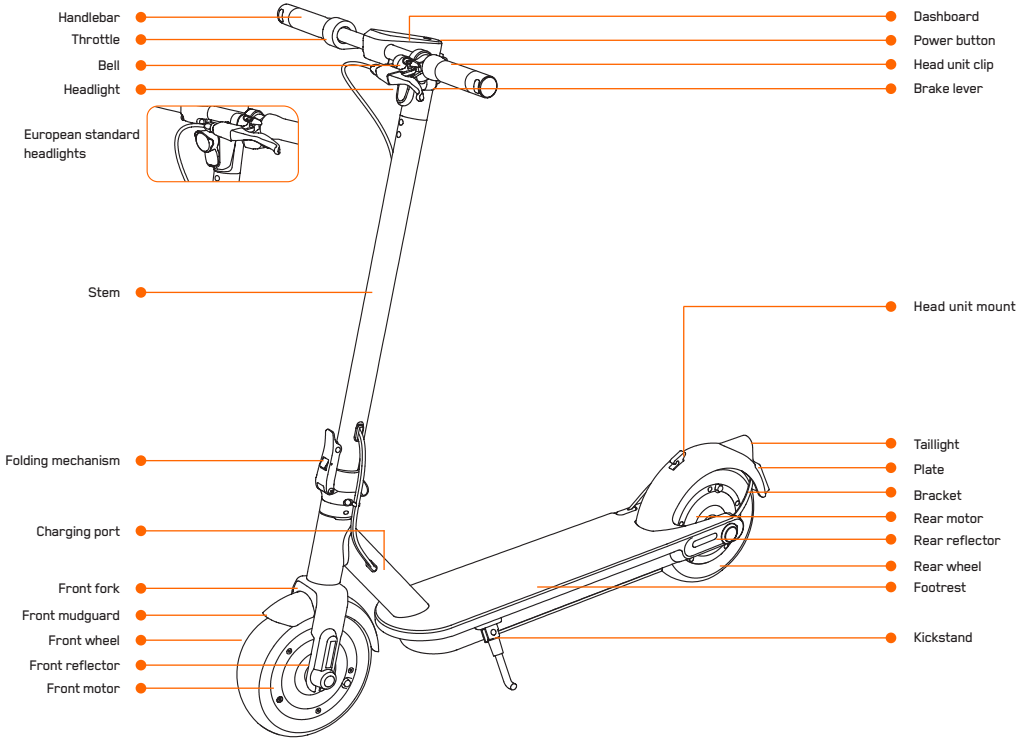


3*M5 Screw

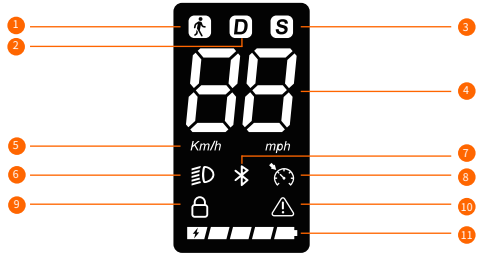
## Notice:

- **Please carefully check whether the items in the packaging box are complete and intact. If any parts are missing or damaged, please contact your purchase point or send an email to the manufacturer.**
- **Please keep the box and packaging materials for at least 30 days in case you need to ship the scooter in the future.**

# PRODUCT FUNCTION INTRODUCTION



# DASHBOARD




1. Pedestrian mode
2. For dynamic mode
3. For sports mode
4. Speedometer
5. Speed unit
6. Light icon
7. Bluetooth icon
8. Cruise mode
9. Lock icon
10. Error
11. Battery level

| Icon Name | Icon | Icon Description |
|---|---|---|
| Pedestrian mode | | The max. speed is 6 km/h, The headlight and taillight flash at the same time after entering pedestrian mode. |
| For dynamic mode | D | The max. speed is 25 km/h, suitable for general riders. |
| For sports mode | S | The max. speed is 38 km/h, suitable for general riders. |
| Speedometer | | Shows the speed of the scooter in real time. |
| Speed unit | Km/h mph | Steps to change the unit between the Imperial System and the metric one: Hold the handlebar, short press the power speed unit button for 3 times. |
| Light icon | | The light icon will be on after turning on the light, and it will go out after switch the light off. |
| Bluetooth icon | | The Icon lights up after the bluetooth connection is successful. |
| Cruise mode | | Cruise mode is activated automatically the indicates that the scooter has detected an error. Refer to the error code table to find solutions. |
| Lock icon | | The Icon lights up after the lock is successful. |
| Error | | The icon indicates that the scooter has detected an error. Refer to the error code table to find solutions. |
| Battery level | | The battery level is indicated by 5 bars, the last bar flashing indicates a low-battery level. |
| Power button | | Press and hold the button for 2 seconds to turn the scooter on/off. When the scooter is on, press the button to turn the headlight on/off and press twice to switch modes. |

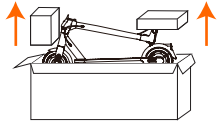
# SPECIFICATIONS

| Index | Items | US Standard | EU Standard |
|---|---|---|---|
| Basic specs | Model | LE1 | LE1 |
| | Unfold dimensions | 1165x570x1195 mm | 1165x570x1195 mm |
| | Fold dimensions | 1165x570x550 mm | 1165x570x550 mm |
| | Net weight | 20.8 kg (45.8 lbs) | 20.8 kg (45.8 lbs) |
| Rider | Max. palyload | 130 kg (286.6 lbs) | 130 kg (286.6 lbs) |
| | Required height | 130-200 cm | 130-200 cm |
| | Recommended age | 14-60 years | 14-60 years |
| Machine parameters | Max. speed | 38 km/h(24 mph) | 25 km/h |
| | Typical range [1] | Approx. 56 km | Approx. 56 km |
| | Max. slope [2] | Approx. 36% | Approx. 36% |
| | IP rating | IP56 | IP56 |
| | Charging time | Approx. 9 h | Approx. 9 h |
| | Operating temperature | -10℃ ~ 40℃ | -10℃ ~ 40℃ |
| | Storage temperature | -20℃ ~ 45℃ | -20℃ ~ 45℃ |
| Battery | BMS management | Over-charge, Over-temperature, Over-discharge, Over-current, Short circuit, Over-voltage | Over-charge, Over-temperature, Over-discharge, Over-current, Short circuit, Over-voltage |
| | Voltage | 36~42V | 36~42V |
| | Capacity | 14.7Ah, 533.16Wh | 14.7Ah, 533.16Wh |
| Motor parameters | Nominal power | 450W*2 | 450W*2 |
| Charger | Input | AC100-240V 50/60HZ | AC100-240V 50/60HZ |
| | Output | 42V ⎓ 2A | 42V ⎓ 2A |
| Other | Brake system | Manual disc brake + Electronic brake | Manual disc brake + Electronic brake |
| | Tire size | 10 inch Air-filled low rolling resistance tire | 10 inch Air-filled low rolling resistance tire |

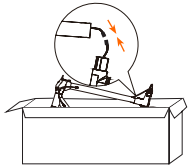
[1] Typical Range test is based on a 75 kg load at a 25℃ temperature with trie preassure of 3.5 bar, riding 18 km/h at a comstant speed on a flat road test. The atual range may vary depending on the speed, times of start and stop as well as ambient temperature,etc.

[2] Max slope measured under the following conditions: 75 kg load with 80% battery, riding 10 meter at a speed of 10 km/h from the bottom slope to the top at a speed greater than 6 km/h.

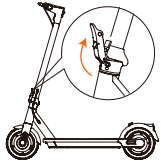
# ASSEMBLY



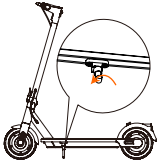
1. Take out the inner tray and scooter.



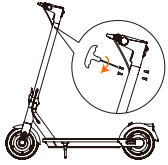
2.Connect the wires inside the handle and the stem as illustrated. Be aware of the correct orientation.



3. Unfold the stem and firmly fasten the folding wrench.



4. Assemble the kickstand with a M5 hex key included in the packing box.

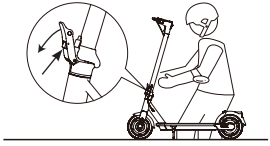


5. Tighten the 4 crews on stem with a M3 hex key included in the packing box.

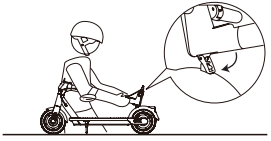
## Warning

- **Please carefully check whether the items in the packing box are complete and intact, if there is any part missing or damaged;please contact us: service@imscv.com**
- **To avoid personal injury, please follow the instructions shown in the diagram for assembly operation and inspection.**
- **Children are not allowed to conduct assembly operations.**
- **Please retain the box and packaging materials at least 30 days in case you need to ship your scooter in the future.**

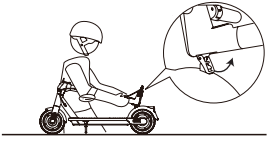
# FOLDING



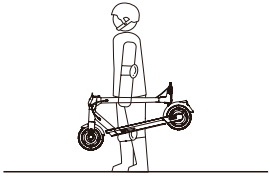
1. Power off the scooter, hold the stem, press the locking button and pull the lever, bend the handlebar stem towards the footrest.



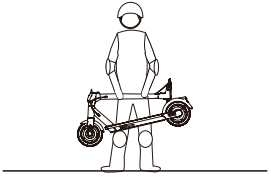
2. Hold the stem and pull the folding ring, attach the hook to the locking clip on the side of the mudguard.



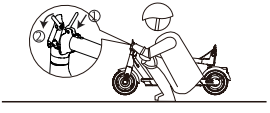
3. Pull the folding ring to unfold the scooter, then right the stem.



4. Carry the scooter with one hand holding the handlebar stem.



5. Carry the scooter with both hands holding the handlebar stem.

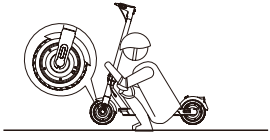


6. When the folding mechanism became loose, tighten up the connecting rods with provided S6 wrench. Then screw up the nuts on folding lever with S10 wrench.

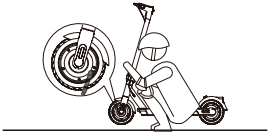
# INFLATING THE TIRES

**For better riding experience, always check the tire pressure before each ride. Please inflate in time if the tires of the device are deflated. The ideal pressure ranges between 2.5 and 3.5 bar.**

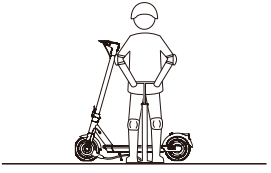
**Note:**
**The range and riding experience are related to the tire pressures. When the tire pressure is within normal range, the higher the tire pressure is, the longer the range will get.**



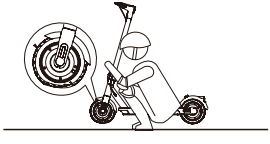
1. Unscrew the air valve caps of tire.



2. Thread the valve extender completely onto the valve stem and tighten it firmly.



3. Attach the air pump, then inflate the tire to the proper pressure.

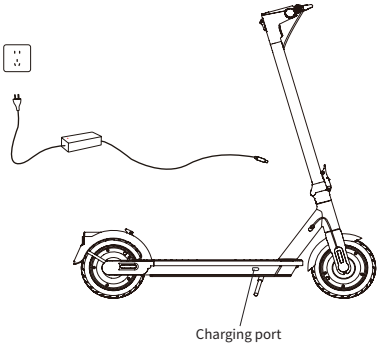


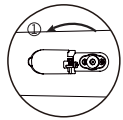
WARNING: Replace the inner tube when the tyre is punctured.

Scan to check how to inner tube replacement

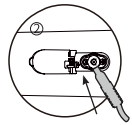
# CHARGE YOUR SCOOTER

Charging indicator light: Red (charging)
Green (charged)

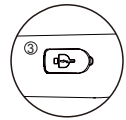



1. Open the rubber cap.




2. Insert the battery charger plug.




3. Remove the battery charger and close the rubber cap when charing finished.

## ⚠ Warning

- **Do not charge if the charge port or power cord is wet.**
- **Use only with the original changer, do not use battery packs of other models or brands.**
- **Do not charge or stop using the battery immediately if it is damaged or flooded.**
- **Please close charge port cover tightly when not in use or after charging.**
- **Never charge indoors.**

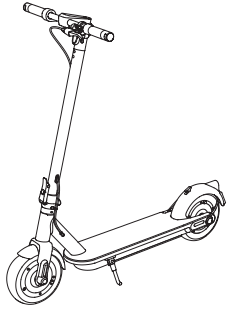
# FIRST RIDE

Download the App via methods below

1. Scan the QR Code on the left.
2. Search " INMOTION " on Google play or App Store
3. Directly visit: www.inmotionworld.com/support/app



1. Download and install the App, register/ login your account.



2. Power on the scooter, pair your scooter with the INMOTION App. The scooter will beep when the connection is successful.

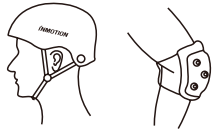


3. Follow the App instructions to active the scooter and learn how to ride safely. You can now start to use your scooter.

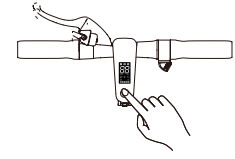
## Warning

- **There are safety risks when learning to ride the scooter. For your safety, your new scooter is not activated and will beep occasionally after Power ON. Until activated, the scooter maintains a riding speed at 5 km/h and is not allowed to switch the ride modes. Please download INMOTION App to activate your scooter to enjoy all features.**

# HOW TO RIDE



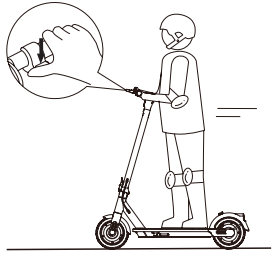
1. Wear an approved helmet, elbow pads, knee pads and other protective gear to minimize any possible injury.



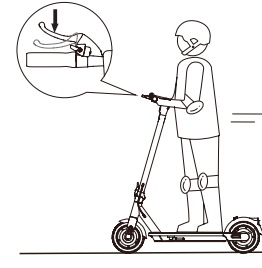
2. Check the power level indicator after powering on. Charge the scooter if the battery level is low.



3. Stand on the footrest with one foot and push off with another foot to start gliding.



4. Stand on the footrest with both feet, press the throttle on the right hand.(Note: For your safety, the motor will not engage until the scooter reaches 3 km/h.)



5. Slow down by releasing the throttle and hold the braking lever lightly (Do not brake suddenly and watch out for the road conditions!).

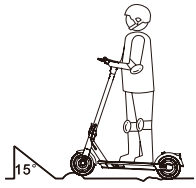


6. When the car stops or slides slowly,put down one foot and get off.

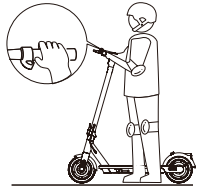
# SECURITY TIPS



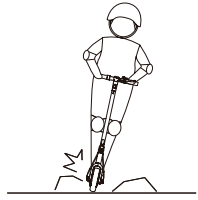
Do not ride the scooter in the rain.



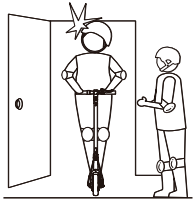

Do not ride at high speed when you get over speed bumps, thresholds etc.,please ride at low speed on rough roads.



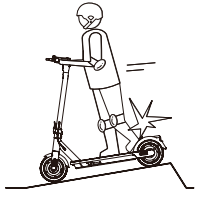
Do not press the throttle when walking with the scooter.



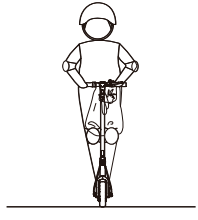
Avoid contacting obstacles and watch out for the road conditions.



Watch your head when passing through doorways.



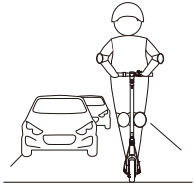
Do not step on the rear fender.



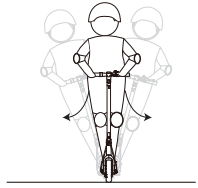
Do not carry heavy objects on the handlebar.



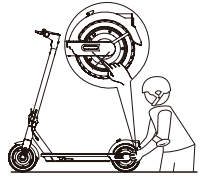
Do not ride the scooter with only one foot or one hand.



Do not ride on motorways,public roads, or highways.



Do not rotate the handle violently while driving at high speed.



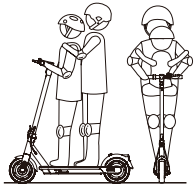
Do not touch the motor, it may overheat after running.



Do not take your hands off the handlebar while riding.



Do not ride through puddles, Please go around at low speed.



Do not carry any passengers especially a child. Do not ride when pregnant.



Do not ride up and down stairs or jump over obstacles.



Do not use mobile phone or wear earphones when riding the scooter.

# FAULT CODE MESSAGES

When your scooter encounters any failure, the dashboard will display the relevant fault code as shown. If the following solutions still fail to solve the problem, please ask the after-sales service for help.

| Code | Description of Fault Content | Solution | Components |
|---|---|---|---|
| 01 | Controller error | Controller error, please restart the vehicle or contact after-sales service for replacement. | Controller |
| 02 | Hall error | Motor error, contact after-sales service for motor replacement. | Motor |
| 03 | Battery error | Battery error, contact after-sales service for battery replacement. | Battery |
| 04 | Battery low voltage | The battery voltage is low, please charge now. | Battery |
| 05 | Battery high voltage | The battery voltage is too high, please stop using and contact after-sales service for support. | Battery |
| 06 | Brake self-test failure | The brake handlebar is unreleased. Release the brake handlebar or check condition of the throttle. | Brake |
| 07 | Throttle power-on self-test failure | The throttle is unreleased. Release the brake handlebar or check the condition of the throttle. | Throttle |
| 08 | / | / | / |
| 09 | Dashboard communication error | Please restart the vehicle or contact after-sales service for replacement. | Dashboard |
| 10 | Controller communication error | Please restart the vehicle or contact after-sales service for replacement. | Controller |
| 11 | Mos overheating | Controller board overheating, stop riding and wait for it to cool down. | Controller |
| 12 | Mos overheating | Controller board overheating, stop riding and wait for it to cool down. | Motor |

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