



**Levy**  
ELECTRIC SCOOTERS

**User Manual**

## About the manual

- Congratulations on your purchase of the Levy electric scooter.
- For your driving safety, please read this user manual carefully before operating.

- Warnings: Improper operation may result in personal injury.

Tips: Helpful advice for usage of the scooter

- Should you have any inquiries, please contact us (support@levyelectric.com)

*A. Children below 16 years old should be accompanied by an adult.*

*B. People with physical disabilities should check before determining if they can safely operate the scooter.*

*C. Never operate under the influence of drugs or alcohol.*

### WARNING!

IMPROPER USE OF THE SCOOTER MAY LEAD TO SERIOUS BODILY INJURY. LEVY IS NOT RESPONSIBLE FOR ANY INJURIES CAUSED BY NEGLIGENCE FOR SAFE OPERATION.

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## 1 Safety Notes

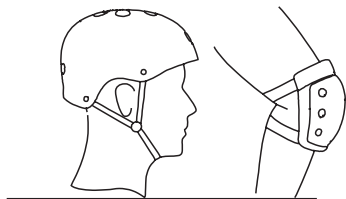
### 1.1 About safety

For your safety, please learn to ride safely and obey the local rules and enjoy the riding.

- Please check that the tires are inflated to 50 - 60 PSI before riding.
- Please be cautious when riding the scooter around pedestrians.
- Any modification of the scooter is prohibited as it could lead to unstable operation, which may bring serious injury.
- While the scooter is waterproof up to IP54, avoid leaving the vehicle in rain for extended periods of time. Store indoors when possible.

### 1.2 Safety Precautions

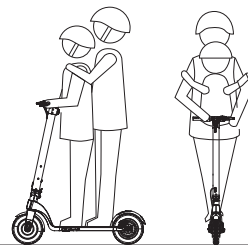
Please note that you may lose balance, crash or fall down when riding an electric scooter. To avoid injury, you should be familiar with this manual and keep the scooter in good condition.



For precaution always wear a helmet and other safety gear.



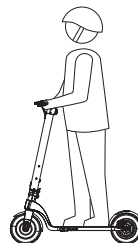
Avoid riding in heavy rain or puddles.



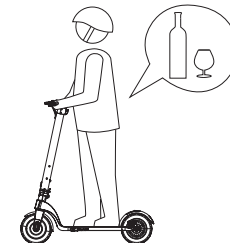
DO NOT ride with loading  
DO NOT ride with two people or more, only for one rider.



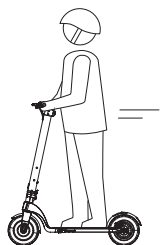
Avoid riding if pregnant



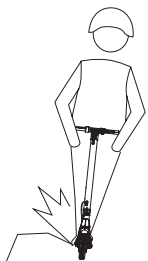
Max weight : 230lbs



DO NOT ride after drinking or taking medicine.



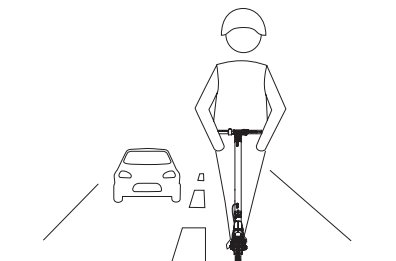
⚠ DO NOT take calls or listen to music while riding.



⚠ DO NOT ride near fires or other dangerous areas that could cause the scooter's battery to catch fire.



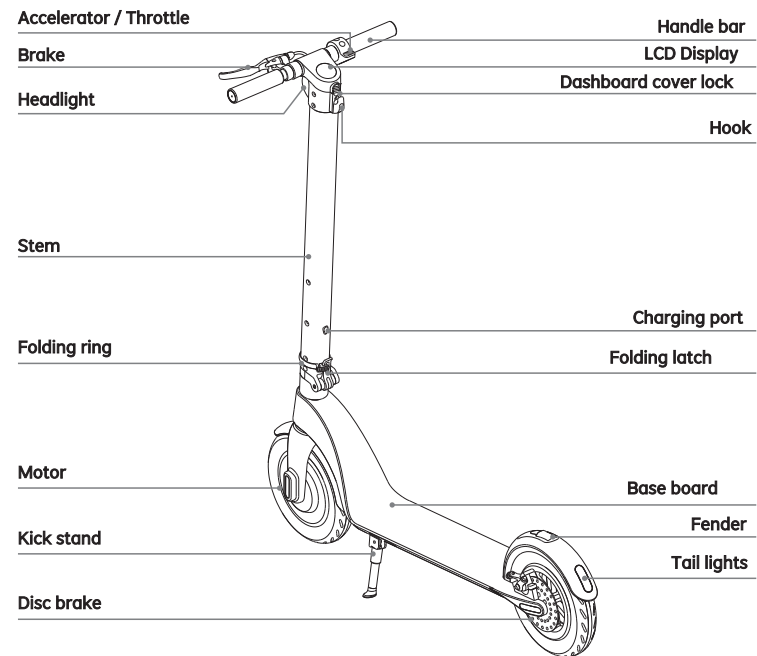
⚠ Avoid riding up inclines greater than 15 degrees to prevent damage to the scooter

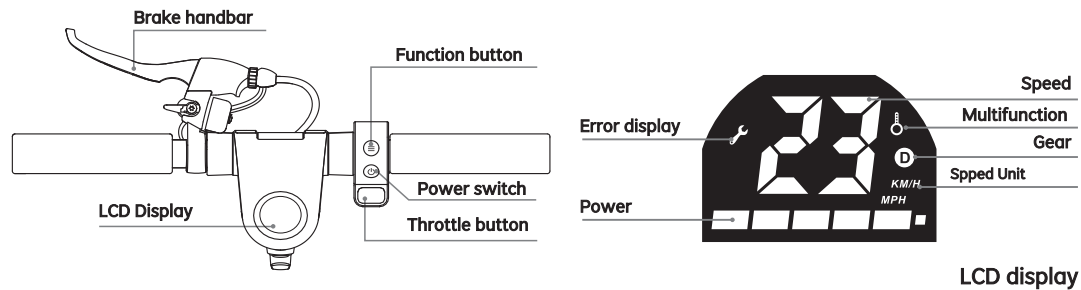


⚠ DO NOT ride the vehicle in the middle of the road. Stick to bike lanes and road shoulders.

## 2 Production Introduction

### 2.1 Overall View

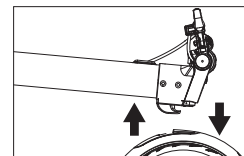
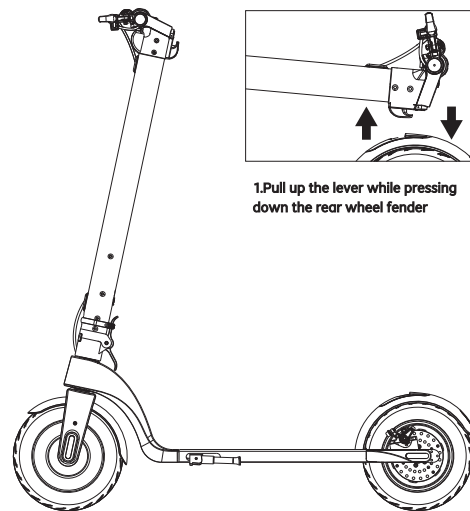




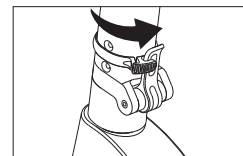
## Instructions for Menu Buttons

- 1 Power switch: hold the power button for 2 seconds to turn on/off the power;
- 2 Acceleration: press the right acceleration button to start and accelerate;
- 3 Brake: hold the brake handle to brake. Lightly step on the rear fender to assist with extra braking power.
- 4 Single tap the function key to directly adjust the speed  
 Beginner mode: no characters in the gear position  
 Eco mode: gear characters display white  
 Sports mode: gear characters display red
- 5 Headlights: Press the function button twice quickly to turn on the headlights, and the taillights are always on; In the light-on state, press the function button twice quickly to turn off the headlights and taillights;
- 6 Cruise mode: keep the current speed for 6 seconds to enter the cruise control mode;  
 To exit the cruise mode press the accelerator again or brake.

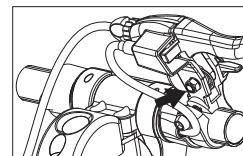
## 2.2 Assembly instructions



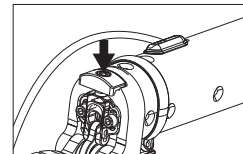
1.Pull up the lever while pressing down the rear wheel fender



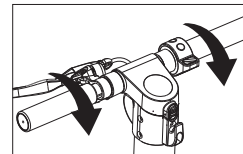
2.Raise the stem, fasten the folding spanner, and use the fixing ring to lock it in place.



3.Tighted the brake lever with the included M6 hex wrench.

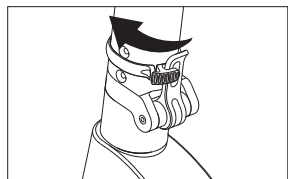


4. Tighten the adjuster screw if the stem is loose.

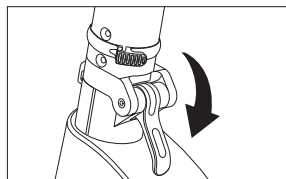


5. Screw on handlebars.

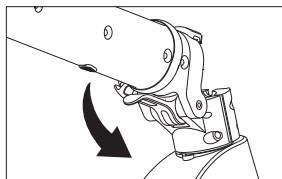
## 2.3 Folding instructions



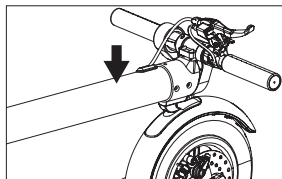
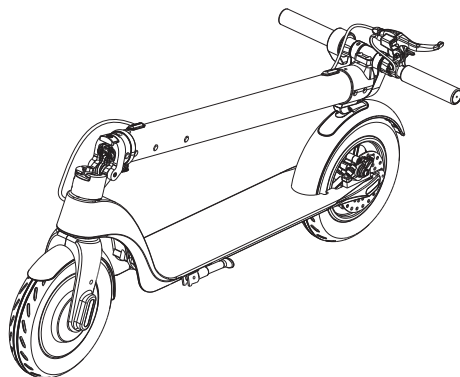
1. Loosen the folder ring.



2. Open the folder latch.

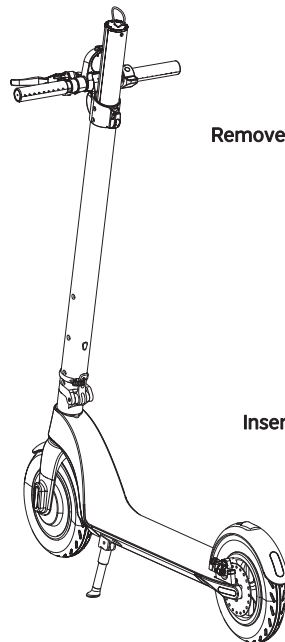


3. Lower the folder latch and the stem of the scooter

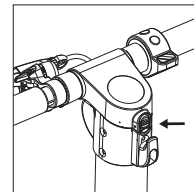


4. Align the hook with the hole of the rear fender and press down.

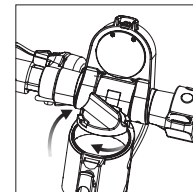
## 2.4 Battery Removal Instructions



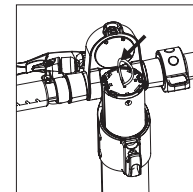
Remove



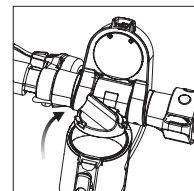
1. Pull up and press the dashboard cover lock to open the cover



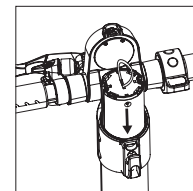
2. Unscrew the battery cover



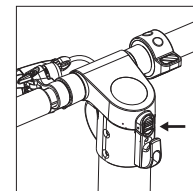
3. Pull the battery straight up to remove the battery



1. Open the dashboard cover and battery cover



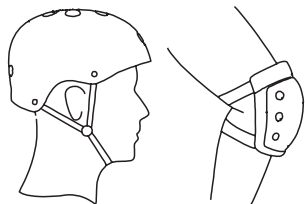
2. Align the battery groove with the groove in the pole and slowly put the battery inside (please pay attention to the groove direction)



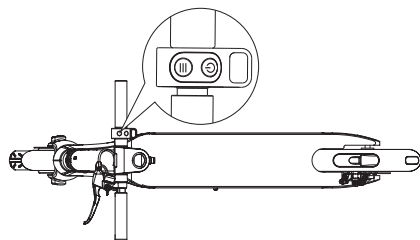
3. Tighten the battery cover and push the dashboard cover lock down, complete the installation.

Insert

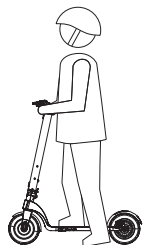
### 3 How to ride the scooter



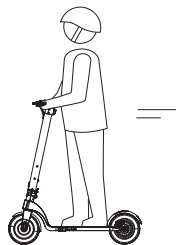
Wear proper safety equipment.



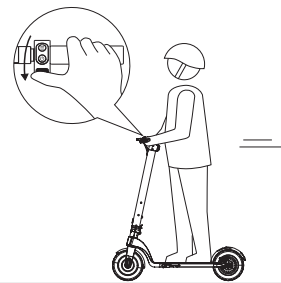
1 Press the POWER button for 2 seconds.



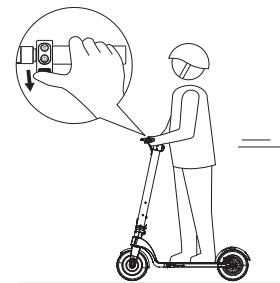
2 Put one foot on the base.  
Push off the ground with your other foot.



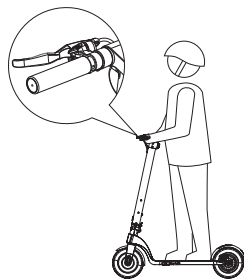
3 Balance both feet on your scooter when you have enough momentum to accelerate.



4 Press the THROTTLE button slightly with your right thumb to start accelerating.



5 Keep holding the THROTTLE button to speed up.



6 Press the brake lever to brake, and gently press the rear fender to assist the brake.



7 Don't get off the scooter until it comes to a complete stop.

## 4 Battery Instructions

These instructions show how to charge and maintain the battery, some safety notices and the specifications.

Please use the battery properly according to this manual to prolong the battery life and its performance.

### 4.1 Battery Parameters

| Name          | Parameter      | Name                 | Parameter | Name                 | Parameter                |
|---------------|----------------|----------------------|-----------|----------------------|--------------------------|
| Type          | Li-ion battery | Working Temperature  | 0°C-35°C  | Max Storage Time     | 3 months (at 50% charge) |
| Charging Time | 3-4 hours      | Charging Temperature | 0°C-35°C  | Battery Capacity     | 6.4Ah                    |
| Voltage       | 36V            | Max Charging Voltage | 42V       | Max Charging Current | 2A                       |

### 4.2 Battery Safety

**Do not continue to use the battery when the following conditions occur:**

- Only for professionals to disassemble the battery, do not attempt to open the battery case.
- Odor or excessive heat; leak of any substance.
- Do not let children or animals touch the battery. Must unplug the charger before installing the battery or riding.
- If you want the electric scooter to run most efficiently, the battery must be charged and used within the temperature range indicated in the battery specifications.
- Lithium batteries are considered dangerous to travel via air. Check with airline before attempting to fly with the scooter.
- The battery contains dangerous substances. Please do not open the battery . Do not insert anything into the battery.

**Tip: When the internal temperature of the battery exceeds 45 °C, the battery is protected and will not discharge current.**

Do not charge the battery at high temperature (45 ° C) or Charge the battery in a high temperature (40 ° C) environment. Only use the original charging equipment to charge the electric scooter.

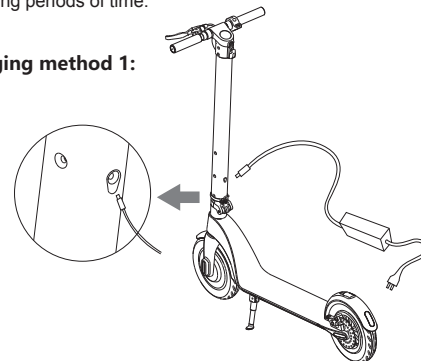


### 4.3 Charging step

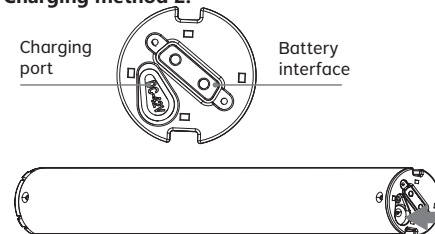
- Open the charging port cover, make sure the port is clean and dry.
- Connect the charger with the battery and the other end with power(100V-240V;50/60Hz), make sure the charging indicator is on (green).
- When the indicator light on the charger changes (from red to green), this indicates that the charging process is normal.
- When the indicator on the charger has changed colors (from red to green), it indicates that the battery has been filled to 99%.

At this time remove the charger. Leaving the charger plugged in after a full charge is safe but may degrade the life of the battery over long periods of time.

#### Charging method 1:



#### Charging method 2:



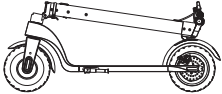
#### Tips:

Remove the battery to open the silicone charging port, plug the charger DC plug into the battery charging port; plug the power cord into the charger, then connect the other port to the socket (100V-240V; 50/60Hz) and confirm the charger indicator is on.

**Cover the charging port with the anti-dust cap after charging.**



## 5 Specifications

| Item                          | Levy Scooter  |
|-------------------------------|---|
| Product                       |  |
| <b>Scooter Specifications</b> |   |
| Unfolded size                 | 1056*420*1166mm   |
| Folded size                   | 1056*420*450mm  |
| Height from pedal to ground   | 130mm   |
| Net weight                    | 12.5kg  |
| <b>Basic Information</b>      |   |
| Capacity                      | 36V/5Ah or 6.4Ah  |
| Moto power                    | 250W/350W   |
| Mileage per charge            | 15-25km   |
| Max speed                     | 20km/h  |
| Max loading                   | 100kg   |
| Climbing angle                | 15°   |
| <b>Charger Specification</b>  |   |
| Model                         | FY-4202000  |
| Input voltage                 | 100-240Vac  |
| Frequency                     | 50-60Hz   |
| Output voltage                | 42V   |
| Output current                | 2A  |
| Store temperature             | -10°C-35°C  |

## 6 Maintenance

### Maintenance considerations:

- Make sure the electric scooter charger and charging line are disconnected and ensure that the electric scooter is off.
- Wipe the exterior with a soft cloth to clean the electric scooter.
- A lubricant, such as WD-40, can be applied to the any joints, and rear wheel / brakes to prevent rusting over time.

### ⚠ Warning

- Do not clean the scooter by applying high pressure with water hoses or by soaking to prevent damage to the electronics.

- Please charge your electric scooter before storage to prevent battery cells from emptying during storage. Please ensure charge at least once every three months when in long term storage.
- If the storage environment temperature is lower than 0 °C, please don't charge the electric scooter. Please put it in inside where the temperature is above 10 °C and then charge, storage temperature is should be between 10 °C to 35 °C.

### ⚠ Warning

- In order to protect the user's safety, we advise you to not take apart the electric scooter to access internal electric components. Contact Levy support before attempting to do so.