

Electric



Personal



Mobility

# User Manual

Model No.: L6

Congratulations on your  
new Model L6 electric  
scooter !

We are happy you chose  
to Ride new L6 Electric  
Scooter.

We hope you find it to be  
a Great riding experience,  
Adding efficiency and fun  
to Your daily commuting.

This manual was written to help you understand the proper use and maintenance of model L6 electric scooter. It is important for you to understand your new MODEL L6 electric scooter; its features and performance, so that you will enjoy the most from your first and every ride. Also, it is important that your first ride with model L6 will be in a remote location, without any obstacles.

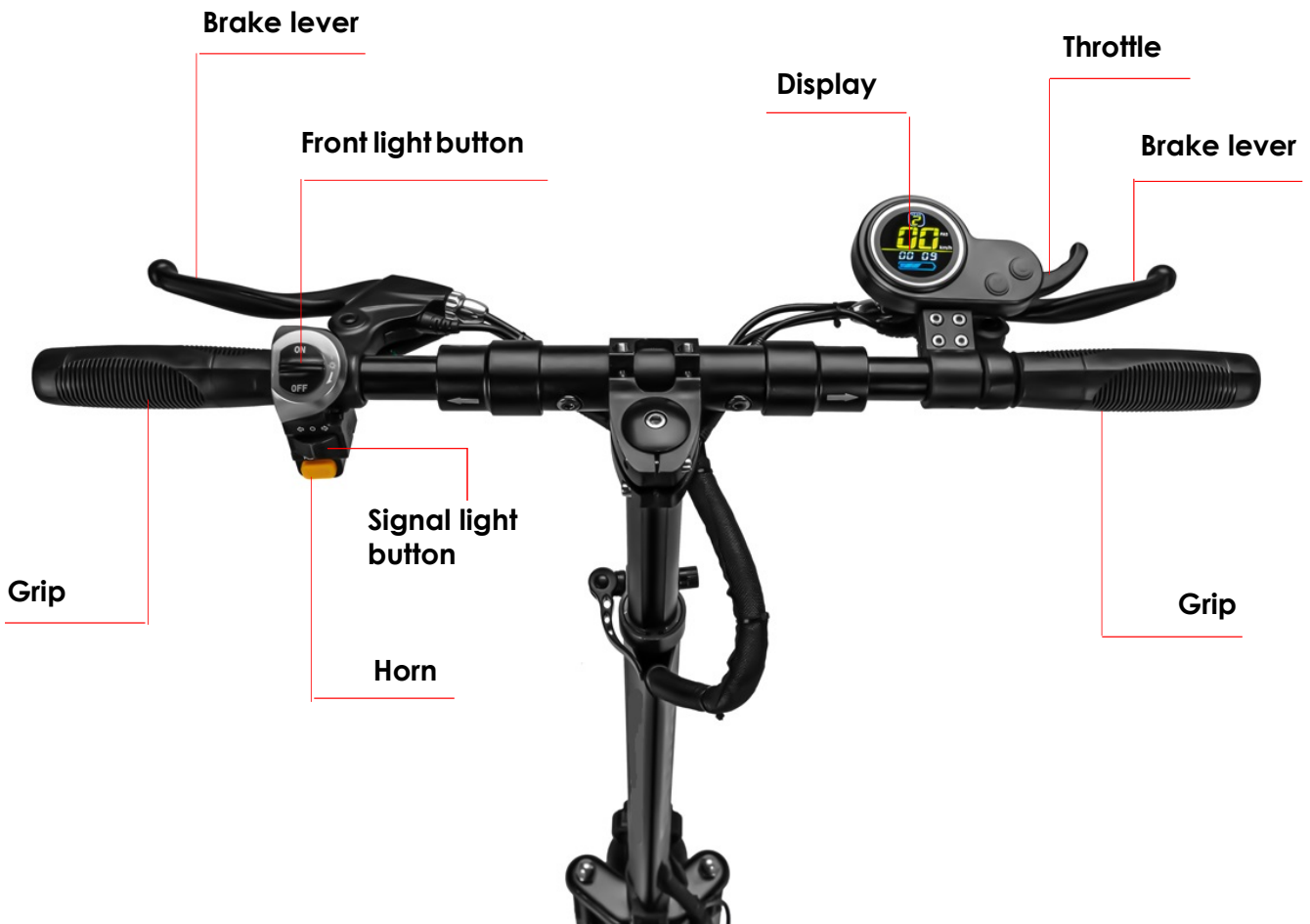
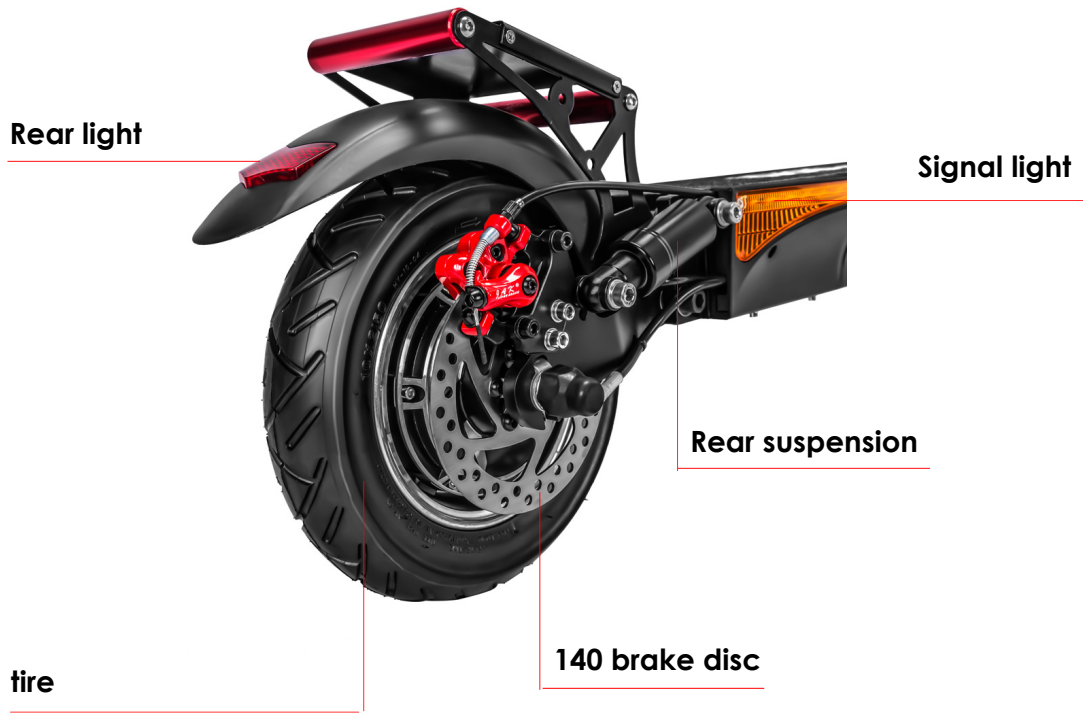
**Always follow the local laws and regulations.**

- Never ride your L6 scooter in conditions of poor visibility.
- Do not do stunts, wheelies or jumps. They will increase your chances of injury and damage your model L6.
- Never carry passengers

The responsibility for model L6 maintenance is yours, and will help reduce risks of injuries. Therefore, read this manual and follow its instructions, they will help you avoid these risks.

We're not liable for incidental damages or consequential damages due directly or indirectly to the use of this product.

# LANGFEITEL6 MAIN PARTS



# MODEL L6

LIGHT BUTTON

BRAKE LEVER

LCD DISPLAY

THROTTLE

BRAKE LEVER

HORN

QUICK FOLDING MECHANISM

QUICK FOLDING MECHANISM

ALUMINIUM DECK

HANDLEBAR

ANTI SKID GRIPS

HEADLIGHTS

MUDGUARD

FRONT SUSPENSION

REAR LIGHT

DISC BRAKE

MOTOR

TIRE

Disc brake

SUSPENSION

TURN LIGHT

LITHIUM ION BATTERY

CHARGING PORT



## Specification

|                       |                         |   |
|-----------------------|-------------------------|---|
| <b>Size</b>           | Overall size (MM)       | 1160*570*1210 mm  |
|                       | Size after folding (MM) | 1140*220*470 mm   |
|                       | Carton size (MM)        | 1220*260*480 mm   |
| <b>Weight</b>         | Max. Loading (KG)       | 150kg   |
|                       | Net weight (KG)         | 23kg  |
| <b>Application</b>    | People Age              | Adult   |
| <b>Speed</b>          | Top speed (KM/H)        | 38km/h  |
|                       | Range (KM)              | 10.4Ah 30 Km, 20.8Ah 60km<br>( With 75kg load, on a flat road ) |
|                       | Grade Ability           | 30 degree   |
|                       | Working temperature     | -10°C~40°C  |
|                       | Storage temperature     | -10°C~40°C  |
| <b>Battery</b>        | Battery type            | 18650 Lithium battery   |
|                       | Rated voltage (V)       | 48V   |
|                       | Input voltage (V)       | 54.6V   |
|                       | Battery capacity (AH)   | 10.4Ah / 15.6Ah / 20.8Ah  |
| <b>Motor</b>          | Motor type              | DC brushless motor  |
|                       | Motor rated power       | 500 Watt  |
|                       | Rated output power      | Peak 800 Watt   |
|                       | Rated voltage           | 48V   |
| <b>Charger</b>        | Rated power (W)         | 109.2W  |
|                       | Input voltage (V)       | 100-230VAC  |
|                       | Output voltage (V)      | 54.6V   |
|                       | Rated current           | 2A  |
|                       | Charging time           | 20.8Ah / 10 Hours   |
| <b>Other features</b> | Wheel size              | 10 inch   |
|                       | Frame material          | Aluminium alloy 6061  |
|                       | Waterproof              | IPX4  |
|                       | Suspension              | Front suspension*2 + Rear suspension*2                          |
|                       | Display                 | color display   |
|                       | Speed up                | Throttle  |
|                       | Brake                   | front disc brake + rear disc brake + electronic brake           |
|                       | Signal turn light       | Available   |




ON/OFF button



MODE button




Battery status

Pressing  to power the scooter on


Press  for three seconds to shut down the system.

## **AUTO OFF**



After five minutes of non-using any function, the scooter will be automatically power off.

In power on condition, pressing  by turns, we can find **TRIP**, **ODO**, **VOL** on the LCD display.

**TRIP** is Single mileage, **ODO** is cumulative mileage, **VOL** is battery voltage

Pressing  by turns to change the speed mode, **1** is slow speed, **2** is medium speed, **3** is fast speed.

# Parameter settings

Pressing   together for 2 seconds , will enter the instrument parameter setting interface.

First of all, we can see **P00**

and then press  by turns, we can find **P01, P02, P03, P04, P05, P06, P07, P08, P09**




## P00: Wheel diameter setting

This P00 setting has been programed by the controller, and the P00 setting on the display is not workable. so please ignore this P00 setting.

## P01: Under-voltage setting

The standard Parameter should be 41.5 for the 48V electric scooter. So please don't change this.

## P02: Number of pole pairs setting

At P02, press  for 3 seconds, we can see the number is flashing, and then we can press  to increase the number, and press  to reduce the number.


The default number is 15, when we increase or reduce this number, the speed on the display will be changed. ( Please note this speed changed on the display is NOT scooter's real speed ).



### P03: Speed signal selection setting

This P03 setting has been programmed by the controller, and the P03 setting on the display is not workable. so please ignore this P03 setting.

### P04: KPH / MPH selection setting

At P04, pressing  for 3 seconds, we can see the number **0** or **1** is flashing.

**0** is KPH, and **1** is MPH


We can press  to change the **KM** to **Mile**, and press  to change the **Mile** to **KM**.

Press   together to save the setting.

### P05: Non-zero start and zero start selection settings

According to our country's regulations, the electric kick scooters should be with kick start  
So all of our scooters are programmed as Non-zero start mode by the controller. And we can't  
program that by display. So this P05 is not workable, and please ignore this P05 setting.

### P06: Cruise and Non-cruise selection settings

At P06, pressing  for 3 seconds, we can see the number **0** or **1** is flashing.

**0** is Non-cruise , and **1** is Cruise


We can press  to change from **0** to **1**, and press  to change from **1** to **0**


### P07: Soft start and hard start selection settings

This P07 setting has been programmed by the controller, and the P07 setting on the display is not workable.  
so please ignore this P07 setting.

## **P08: Speed limit adjustment in percentage**

This P08 setting can adjust the scooter's real top speed.

At P08, pressing  for 3 seconds, we can see the number **100%** is flashing.

When the number is in **100%**, means the scooter can reach the 100% top speed, and if we want to reduce the top speed, we can press  to reduce the percentage number. ( for example, if we want 50% of the top speed, we can reduce the percentage number to be 50%

And we can press  to increase the percentage number.

## **P09: EBS brake strength adjustment**

This P09 setting on the display is not workable. so please ignore this P09 setting.

# HOW TO FOLD L6 SCOOTER



1



2



3



4



5



6

## L6 SERIAL NUMBERS

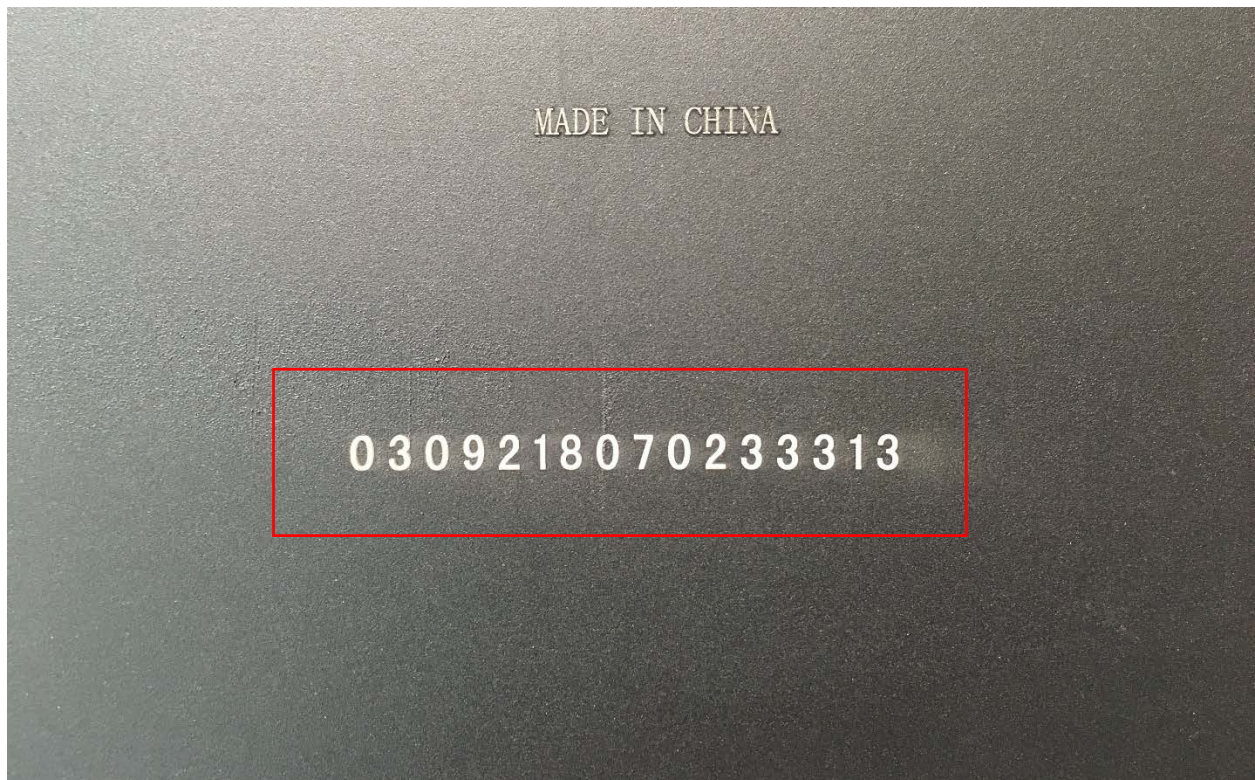
### RECORD SERIAL NUMBERS:

Write down the serial number of your model L6. Keep this information separately and in a safe place. Each model L6 has a unique serial number. These numbers can provide information that may be useful later on for insurance claims and in case of loss or theft.

To find your model L6 serial number:

1. The number is on the backside of the board, for example as below:

**Serial number: 030921807023313**



# SAFETY DRIVING ATTENTION

**Get to know your L6 before driving it** Test your control over it. Make your turns slowly and cautiously, and give yourself stopping distance

To gain control over your scooter, practice your first ride on your L6 in an open space with no obstacles to disturb you

The L6 requires a short **adjustment and break-in period** for all moving parts to adjust themselves into their correct position

## **Before each ride always:**

1. Check your brakes function
2. Check the tires for signs of wear  
Spin them to make sure that they are not yet in need of replacing Make sure that the wheels are freely rotating clear of the brakes
3. Perform a visual inspection :  
That all screws and nuts are tight and in place  
Note if anything looks amiss, or is showing signs of wear

**If you are unsure, bring your L6 to Kerry Motors authorized distributor, or you may also contact us for after-sales via E-mail: [info@kerrymotors.com](mailto:info@kerrymotors.com)**

## RIDING TECHNIQUE:

**Before riding** position your foot as close as possible to the front section of the scooter, and your other foot on the ground. Make sure that your driving route is clear

**To start riding**, boost yourself forwards (as on non-motorized scooters) with your foot that is on the ground. Place it on the scooter immediately afterwards and press the thumb lever downwards, tilting your body forwards, so you won't fall backwards during acceleration

# CHARGING AND BATTERY

Your model L6 has an external charger.

Connect the charging cable to Model L6's charging socket under the footboard, on the right side at the rear. Then connect the charger's electric cable to an electrical outlet.

Charging Light **Red** - Battery is charging.

Charging Light **Green** - Charging is complete.



## MAXIMIZE YOUR BATTERY'S PERFORMANCE:

1. **For its initial charge, FULLY charge your L6**  
This conditions the battery for future life-span
2. **Do NOT leave a fully charged battery connected** to a charger,  
since overcharging may shorten its lifetime
3. **Avoid extreme temperatures** Always try to keep the battery between 15°C and 25°C (59°F and 77°F). Extreme temperatures reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily
4. **At least once a month** fully charge the battery
5. **From time to time discharge the battery** by riding.  
Use all stored energy in the battery
6. **Before storing it for a long period** charge the battery half way



## BATTERY SAFETY REGULATIONS:

**Do not operate the scooter while charging!**

**Charge the battery only using Kerry Motors approved charger**

The use, storage or charging of the model L6 battery outside specified limits may result in the annulment of the warranty, battery damage, and an ineffective battery charge

**DO NOT CUT, OPEN, CRUSH OR PUNCTURE BATTERIES!**

**IN THE EVENT OF A BATTERY LEAK, PREVENT CONTACT OF LIQUID WITH SKIN OR EYES. IF THIS HAPPENS, WASH THE AFFECTED AREAS IMMEDIATELY WITH WATER AND SEEK MEDICAL HELP**



**As you accelerate, lean forwards.  
As you brake, tilt your weight backwards!**

**Avoid putting body weight** on the handle bars whilst accelerating and decelerating!

**Keep one foot behind the other**, (it's more comfortable to place one foot forward and the other one turned backwards at 70-90°, like on skate/surfboard). It will help you gain more stability

**Turns** - The turns on L6 are done as on skis/surf/snowboard. The handle-bar should be in parallel to the body. Before turning look at the approaching direction and make sure turning is safe

**Braking** - Tilt your weight backwards so that the brake action will come through the feet and not through the handlebar and steering system. It is best to learn how to adjust the centre of gravity while stopping, otherwise there is a dual concern: forward tipping over and/or wear and breaking of the handlebar and steering system



Riding, like most sports, involves risks of injury and damage. By choosing to ride L6 scooter the responsibility and all inherent risk is on you. It is crucial that you know, understand and act according to safety rules



