



Electric



Personal



Mobility

User Manual

ROADSTER MODEL NO.: L2A

Congratulations On Your New
ROADSTER MODEL L2A
electric scooter!

We are happy you chose to ride new Roadster electric scooter.

We hope you find it to be a great riding experience, adding efficiency and fun to your daily commuting.

WARNINGS & GENERAL INFORMATION

This manual was written to help you understand the proper use and maintenance of the ROADSTER MODEL L2A electric scooter. It is important for you to understand your new ROADSTER MODEL L2A 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 ROADSTER MODEL L2A will be in a remote location, without any obstacles.

Always follow the local laws and regulations.

- Never ride your scooter in conditions of poor visibility.
- Do not do stunts, wheelies or jumps. They will increase your chances of injury and damage your ROADSTER L2A electric scooter.
- Never carry passengers

The responsibility for MODEL L2A scooter maintenance is yours, and will help reduce risks of injuries. Therefore, read this manual and follow it's instructions, they will help you avoid these risks.

Epic Cycles is not liable for incidental damages or consequential damages due directly or indirectly to the use of this product.

ROADSTER L2A FEATURES



THROTTLE



ON/OFF button



MODE button



Battery status

THROTTLE POWER ON

Pressing  to power the scooter on.

THROTTLE POWER OFF

Press  for three seconds to shut down the system.

AUTO OFF

After five minutes of non-using any function, the scooter will automatically shut down.

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 with  at the same time, will enter the instrument parameter setting interface.

First of all we can see **P00**, then press  by turns, we can find **P01, P02, P03, P04, P05, P06, P07, P08, P09**

P00: Wheel diameter setting

P01: Under-voltage setting

P02: Number of pole pairs setting

P03: Speed signal selection setting

P04: Km / Mile selection setting

P05: Non-zero start and zero start selection settings

P06: Cruise and non-cruise selection settings

P07: Soft start and hard start selection settings

P08: Speed limit adjustment in percentage

P09: EBS brake strength adjustment

SERIAL NUMBERS

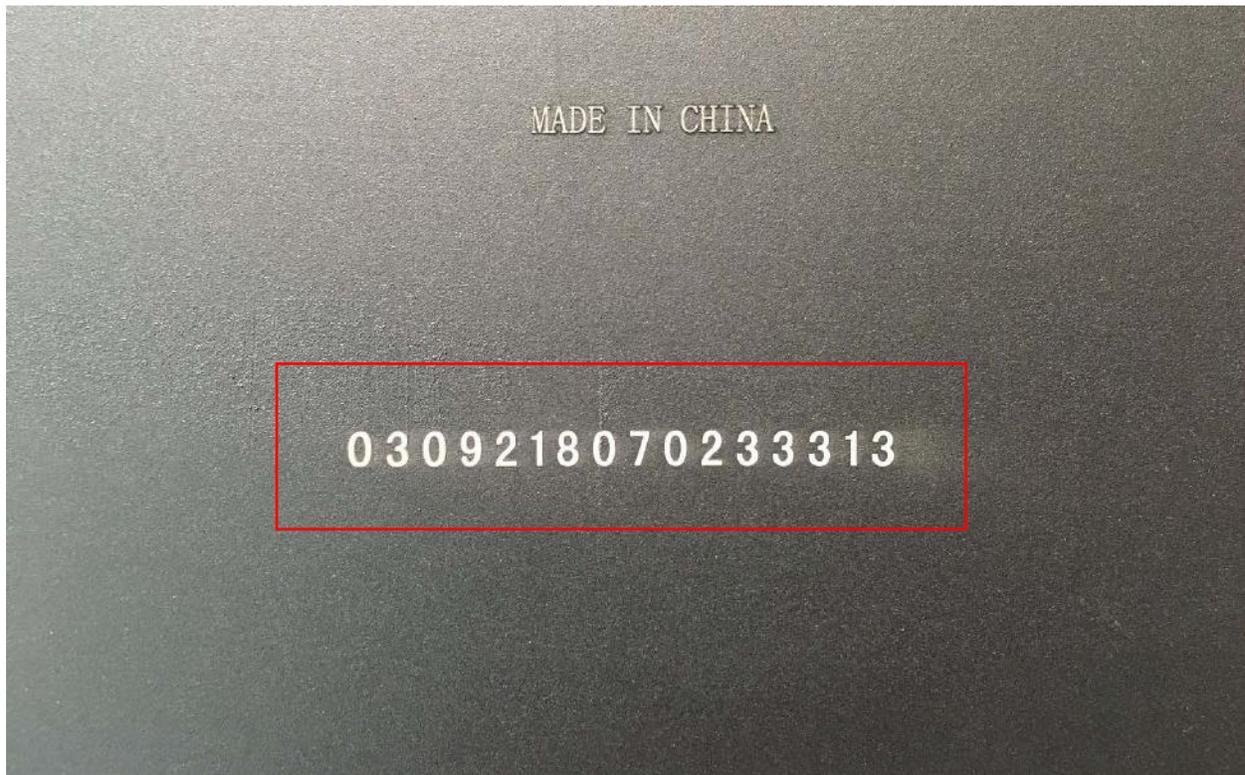
RECORD SERIAL NUMBERS:

Write down the serial number of your MODEL L2A electric scooter, Keep this information separately and in a safe place. Each MODEL L2A scooter 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 L2A serial number:

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

Serial number: **0309218070233313**



CHARGING AND BATTERY

Your Model L2A has an external charger.

Connect the charging cable to Model L2A'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.

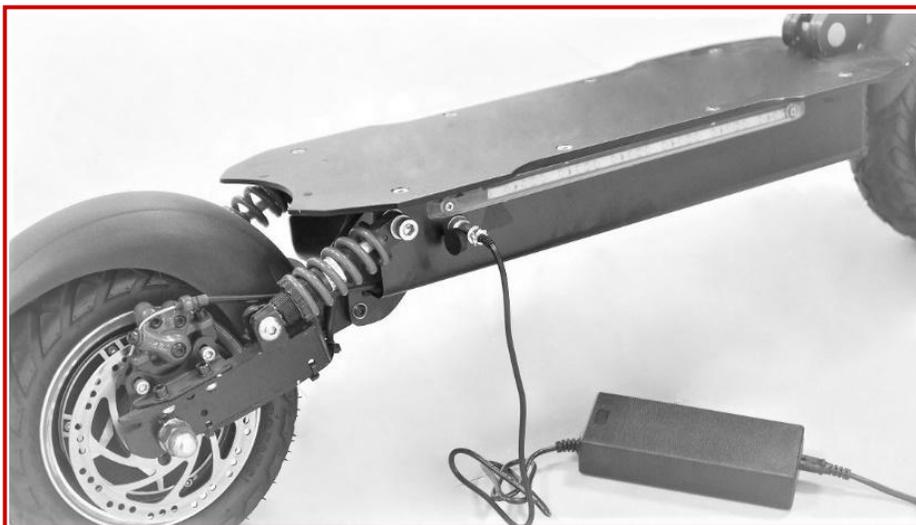
Charging Light **Green** - Charging is complete.

Avoid long periods of time with an uncharged or fully charged battery.

To maximize your Model L2A's battery performance, fully charge it for 9 hours, once a month, or after each use of 24 hours.

Do not attempt to open the battery. Do not insert anything in the battery and do not attempt to open its case with any tool. Inserting an object into openings or in the battery can cause electrical shock, injury, burns or fire. Any attempt to open the battery case will damage it and cause release of dangerous toxic substances.

Charge the battery only using tools approved by Kerry Motors. Remove the battery and carry Model L2A according to all applicable local and national requirements.



SAFETY DRIVING ATTENTION

SAFE DRIVING:

Practice your first ride on the MODEL L2A electric scooter in an open space with no obstacles to disturb you so you can get to know your MODEL L2A before driving it.

Please wear a safety helmet and some other protective equipment to avoid possible injury

Check the fording mechanism and make sure the MODEL L2A has been fully expanded and also the safe lock clip has been entered into right position before driving.

Check the brake and make sure the brake system is in working condition.

Check the battery status indicator and make sure the battery is enough to support your travel.

DRIVING TECHNIQUE:

Foot Position - before riding out your foot as close as possible to the front section of the scooter and your other foot on the plate. Make sure that your driving route is clear. To start riding propel yourself forwards (as on non-motorized scooters) with your foot that is on the plate.

SPECIFICATION

Specification		
Size	Overall size (MM)	1150*380*1100 mm
	Size after folding(MM)	1140*220*380 mm
	Carton size(MM)	1200*270*490 mm
Weight	Max. Loading (KG)	125kg
	Net weight(KG)	20kg
Application	People Age	Adult
Speed	Top speed(KM/H)	38km/h
	Range (KM)	Around 35km
	Grade Ability	30 degree
	Working temperature	-5°C~40°C
	Storage temperature	-10°C~40°C
Battery	Battery type	18650 Lithium battery
	Rated voltage (V)	48V
	Input voltage(V)	54.6V
	Battery capacity (AH)	15Ah
Motor	Motor type	DC brushless motor
	Motor power	500W
	Rated output power	500W
	Rated voltage	48V
Charger	Rated power (W)	109.2W
	Input voltage(V)	100-240VAC
	Output voltage(V)	54.6V
	Rated current	2A
	Charging time	7 Hours
Other features	Tire size	10 inch tires
	Frame material	Aluminium alloy 6061
	Waterproof	IP54
	Suspension	Front suspension*2 + Rear suspension*2
	Display	color display
	Speed up	Throttle
	Brake	front disc brake + rear disc brake + electronic brake
	Color	Black

