

ES40 PRO
ELECTRIC SCOOTER

Official Store www.laotie.zone

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CE RoHS FC MSDS UN38.3

User Manual

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Dear Customer:

Thank you for choosing our company designed lithium battery e-scooter. In life with lithium battery e-scooter, you will feel the great function and excellent performance and high quality of our e-scooter, which will bring you a pleasant trip.

OUR STORY

LAOTIE means building a strong and close relationship with customers in the East by using quality products as a bridge. The brand is centered on intelligent and environmentally friendly outings, providing professional electronic cycling products for people who pursue the limit and love outdoor sports.

LAOTIE provides customers with 100% power and fun, specializing in electric scooters, electric bikes & electric skateboards. Every product we sell is thoroughly tested internally and externally to meet the most stringent quality and safety standards.

OUR FACTORY

Our factory has more than 9,000 square meters, with an annual production capacity of 80,000 units. It has many R&D engineers with more than 10 years of experience, which specializes in OEM customization, ODM development, design, production and processing of various models. Our products have been obtained many certifications, such as European CE, RoHS, MSDS, UN38.3 and so on. Furthermore, our factory established three global overseas warehouses: EDA warehouse in Poland, Golden Eagle warehouse in Germany, and self-built warehouses in New York and strategically deployed overseas markets for independent sales.

Never Stop, Go Ahead!

Our future will move towards a more intelligent and modular era. LAOTIE will continue to provide better products for customers who love off-road or competition. Follow your heart and thank you for choosing LAOTIE.

PRODUCT INTRODUCTION

Product Overview

Carbon fibre handle

Front Lights

Front Turn Signals

Rear Turn Signals

Mudguard

13inch Tires

Side Light

Anti-slip Sticker

Front Suspension

MAIN PART INTRODUCTION

① Front Light Button

② Turn Light Button

③ Horn Button

④ LCD Display

⑤ Accelerator

⑥ ECO/ TURBO Switch Button

⑦ Single/ Dual Motor Switch Button

ELECTRIC SCOOTER PACKING LIST

E-scooter	1PC
Charger	1PC
Manual	1PC
Remote Control	2PCS
Lamp of Remote Control	1PC
Screws & Wrench	1SET

Please contact us with no hesitate there is any breakage or missing when you open package. We will replace it for you as soon as possible. Have a nice day!

ASSEMBLY INSTRUCTIONS

① Loosen the handlebar screws, secure the handlebars, and tighten the screws

② Handlebar installation complete

③ Tighten the turn signal screw

④ Turn signal installation completed

⑤ Press the cover on the rear fender

⑥ Rear fender installed

⑦ Steering damper installed

FOLDING INSTRUCTIONS

① Loosen the 4 screws to dismantle the handle

② Pull the silver screw to the right to unlock the safety lock

③ Press the black button down to fold the scooter

④ Done

CHARGE YOUR SCOOTER

Open the rubber flap

Plug the power adapter into the charging port

When charging is completed, put back the rubber flap

REMOTE CONTROL INSTRUCTIONS

Lock Button

Flash Button

Unlock

Lock Your Scooter

Press the "Lock" button 1 time to lock the scooter. When hear a "beep" sound, the scooter will be on alert. Press the "unlock" button to remove the alert.

Unlock Your Scooter

Press the "Flash" button 2 times. When hear "beep" sounds 2 times, the Scooter will be unlocked.

DISPLAY MANUAL

1-3 Gears

Speed

1: Darkest

3: Brightest

Battery

Mode

Power

Trip time

ON/OFF:

Long press "Power" Button for 3 seconds to start or shut down the scooter.

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

Display content switch:

In power on condition, short press "Power" Button to switch TRIP/ODO/VOL on the LCD display.

Note: TRIP is Single mileage, ODO is cumulative mileage, VOL is battery voltage.

Speed Mode Switch: In power on condition, short press "Mode" Button to switch speed mode.

Parameters Settings:

Enter/Exit Settings Interface : Long press the "Mode" & "Power" Button together for 3 second.

P01-P20 Switch: Short press "Mode" button to switch code number.

Value Adjustment: Short press "Mode" or "Power" Button to adjust.

Code Number

Meaning

Detail

P01

Backlight brightness

0: KM
1: MILE

P02

Mileage unit

Default: 72V

P03

Voltage level

0: no sleep
Other numbers are sleep time.
Range: 1-60 (minute)

P04

Sleep time

0: no sleep
Other numbers are sleep time.
Range: 1-60 (minute)

P05

Invalid

/

P06

Wheel diameter

Default: 13

P07

Number of speed measuring magnets

Range: 0-255 (Default: 27)

P08

Speed limit

Range 0-100km/h (Default: 25); 100: Cancel the speed limit.

P09

Zero start, non-zero start setting

0: zero start;
1: non-zero start

P10

Invalid

/

P11

EABS switch choose

The range is 0-4 (Default: 0); 0: weakest, 4: hardest

P12

Soft and hard start strength

The range is 1-5 (Default: 3); 1: Softest, 5: Hardest

P13

Invalid

/

P14

Invalid

/

P15

Controller under voltage value

Default: 63V

P16

ODO reset setting

Press and hold the plus button for 5 seconds to reset ODO

P17

Automatic cruise optional

0: disable cruise
1: enable cruise

P18

Invalid

/

P19

Invalid

/

P20

Invalid

/

SPECIFICATION

Items

Specifications

Brand

LAOTIE

Model

ES40 Pro

Motor

Dual 4000W (Peek power) Motors

Battery

72V43.2Ah Lithium Battery

Tire

13 inches Tire

Controller

50A Controller * 2

Brake

Front and Rear ZOOM Oil Brake & EABS

Max Speed

110 km/h

Max Range

Dual motor 70-80 km, single motor 150 km

Climbing Angle

55°

Max Load

200KG

Gross Weight

69.2KG

Body Size

145x30x132cm

Folding Size

153x30x53cm

Package Size

156x36x59cm

SAFETY INSTRUCTIONS

SAFETY TIPS

DO NOT ride in the rain

DO NOT ride with an overloaded load or too fast

DO NOT ride on a wet road

DO NOT ride on a steep slope

DO NOT ride on a high speed

DO NOT ride on a road with a high speed

DO NOT ride on a road with a high speed

This manual has been created to help you understand the safe use and maintenance of LAOTIE Es40 Pro electric scooter.

• Please make sure the the screw of wheel tightened well and the braking system work well before driving the scooter.

• Persons without excellent vision, balance, coordination, reflex, muscle and bone strength and good decision-making capabilities should not use this product.

• The user of this product assumes ALL risks associated with its use. To minimize these RISKS, the user must wear safety helmet, goggles, gloves, elbow and knee pads and appropriate footwear.

• This manual contains important safety information. It is your responsibility to review this information and make sure that all riders understand all warnings, cautions, instructions and safety. We're not liable for incidental damages or consequential damages due directly or indirectly to the use of this product.

• Riding the electric scooter can be a hazardous activity. Certain conditions may cause the equipment to fail without fault of the manufacturer. Like other electric products, the scooter can and is intended to move and it is therefore possible to lose control, fall off and/or get into dangerous situations that no amount of care, instruction or expertise can eliminate. If such things occur you can be seriously injured or die, even when using safety equipment and other precautions. RIDE AT YOUR OWN RISK AND USE COMMON SENSE.

ALWAYS FOLLOW THE LOCAL LAWS AND REGULATIONS.

• Understand your local laws permitting the use of Electric scooters

• 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 LAOTIE Es40 Pro.

• Never carry passengers

MAINTENANCE

Cleaning and storage

• If you see stains on the scooter's body, wipe them off with a damp cloth.

• If the stains won't scrub off, put on some toothpaste, and brush them with a toothbrush, then wipe them off with a damp cloth.

• If you see scratches on plastic parts, use sandpaper or other abrasive materials to polish them.

Notes:

do not clean the scooter with alcohol, gasoline, kerosene or other corrosive and volatile chemical solvents to prevent dire damage. Do not wash the scooter with a high-pressure water spray.

During cleaning, make sure that the scooter's turned off, the charging cable is unplugged, and the rubber flap is closed as water leakage may result in electric shock or other major problems.

• When the scooter's not in use, keep it indoors where it is dry and cool. Do not put it outdoors for long time. Excessive sunlight, overheating and over cooling accelerate tire aging and compromise the scooter and the battery pack's lifespan.

Battery maintenance

1. Use original battery packs, use of other models or brands may bring about safety issues.

2. Do not touch the contacts. Do not dismantle or puncture the casing. Keep the contacts away from metal objects to prevent short circuit which may result in battery damage or even injuries and deaths;

3. Use original power adapter to avoid potential damage or fire;

4. Mishandling of used batteries may do tremendous harm to the environment. To protect natural environment, please follow local regulations to properly dispose used batteries.

5. After every use, fully charge the battery to prolong its lifespan.

6. Recommended charging time
Charging with 1 charger: 12~13 hours
Charging with 2 chargers: 6~7 hours

• Do not place the battery in an environment where the ambient temperature is higher than 50°C or lower than -20°C (e.g., do not leave the scooter or the battery pack in a car under direct sunlight for an extended time). Do not throw the battery pack into fire as it may lead to battery failure, battery overheating, and even another fire.

• If the scooter is expected to be left idle for more than 30 days, please fully charge the battery and place it in a dry and cool place. Keep in mind to recharge it every 60 days to protect the battery from potential damage which is beyond limited warranty.

• Always charge before exhausting the battery to prolong the battery's lifespan. The battery pack performs better at normal temperature, and poor when it is below 0°C. For instance, when it is below -20°C, the riding range is only half or less at normal state. When the temperature rises, the riding range restores.

CONTACT US

Technical support Team: support@laotie.zone

If you have any inquiries please feel free to contact us, we will reply within 24 hours.