LANGFEITE




# LANGFEITE C5 User Manual

# Read Me First

Thanks for purchasing LANGFEITE C5 electric scooter . This electric scooter is an environmentally-friendly high-tech product as well as an ideal means of transport that features excellent shock absorption , streamlined appearance , portability and flexbitily , good riding comfortability , high safety and reliability. For better understanding of the characteristics , technical parameters , correct use and maintenance , precautions and safe-sale services of this Langfeite C5 scooter , see to it that you read this user manual carefully before using it.

- DO NOT use the Langfeite C5 scooter before learning about its performance.

  DO NOT lend Langfeite C5 scooter to anyone who cannot operate it , juveniles, pregnant women or the disabled.

  DO NOT arbitrarily discard spent batteries to avoid pollution to the environment ; see to it that they are handled by your distributor or service provider.

  For safety reasons , DO NOT cover the charger and keep it well ventilated during charging. When replacing a failed tire , note that the fasteners of the wheel are tightened in case of a secondary accident due to wheel looseness.

  For safe use of this product , DO NOT arbitrarily disassemble or modify the circuit or parts of the Langfeite C5 scooter.

  In case of any abnormality , power the scooter off to stop it in order to ensure your safety.

  Images included in this user manual are intended for operation demonstration and may not be used for the basis of product inspection.

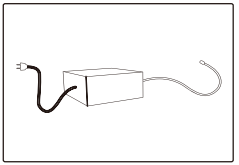
  In the event that images included in this user manual might not be in conformity with the real product , the real product shall prevail.

  Product performance and configuration that may be improved from time to time are subject to change without prior notice.

## Check The Items



● LANGFEITE C5 Electric scooter



● Charger

USER'S MANUAL

● User manual

Allen Key

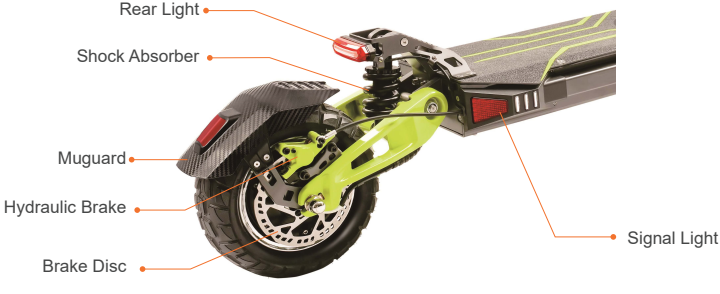
● Tool set

# Key features

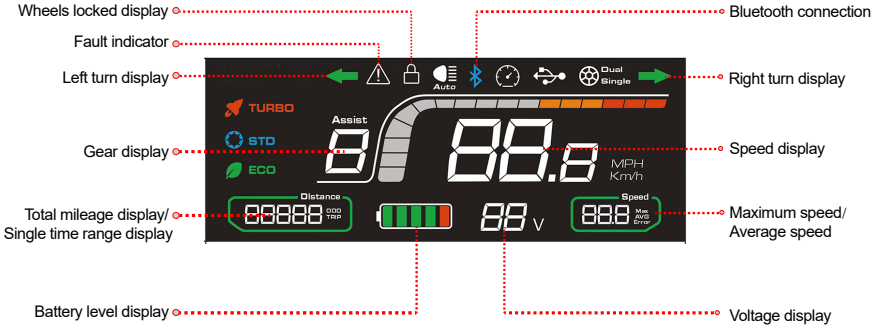


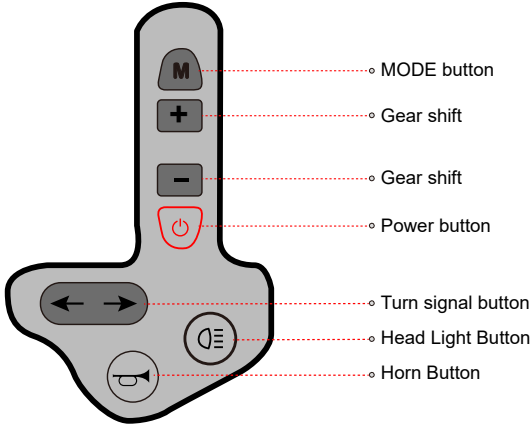
# Dashboard Instruction



# Dashboard Instruction



## Display settings

Parameter settings

After power-on, Press and hold the mode button (M) for 3 seconds will enter the instrument parameter setting interface.
First of all, we can see P01 , and then press Mode button (M) by turns, we can find **P01, P02, P03, P04, P05, P06, P07, P08, P09, P10, P11, P12, P99, 0d0.**

**P01: KPH/MPH selection setting**

At P01, pressing gear button [+] [−] by turns, we can see KM/h and MPH. Double-click the power button (⏻) to confirm KM/h or MPH. The default is KM/h.

**P02: Voltage setting**

The standard Voltage setting of P02 should be 60 for LANGFEITE C5 E-scooter.

***P03: Wheel diameter setting***

At P03, pressing button [+] [−] by turns. The wheel diameter range is "5-50", The standard wheel diameter of P03 should be "10" for LANGFEITE C5 electric scooter. Therefore, please don't change this setting.

***P04: Pole Pairs of Motor***

This P04 setting has been programmed by the controllers. The standard pole pairs of motor should be "30" for the LANGFEITE C5 electric scooter. Therefore, please don't change this setting.

***P05:* Cruise and Non-cruise selection settings**

At P05, pressing button [+] [−] by turns, we can see the number "00" or "01",
"00" is Non-cruise, and "1" is Cruise .The default setting is "00".

**P06: Non-zero start and zero start selection settings**

At P06, pressing button [+] [−] by turns, we can see the number "00" or "01", "00" means zero start. "01" means Non-zero start. The default setting is "00".

**P07: Speed limit adjustment in percentage**

At P07, pressing button [+] [−] by turns, we can see the number range is "00"—"99", P07 setting can adjust the scooter's maximum top speed. "00" means the scooter can reach the maximum speed. The default setting is "00".(This function needs to be effective when P12 releases the speed limit)

**P08: Automatic shut-off time Settings**

This P08 automatic shut-off time range is "00"—"30" minutes,"00"means no shutdown. Other figures are the timing shutdown time. The default setting is "05".

**P09: Display brightness Settings**

This P09 setting can adjust the scooter's screen brightness level. The P09 range is "1"—"3", "1"means the screen brightnes weakest;
"3" means the strongest, the default setting is "3". And if we want to change the range "1"—"3" ,we can press [+] [−] by turns.

**P10: Soft start and hard start selection settings**

This P10 setting has been programmed by the controllers. The default setting is "3". Therefore, please don't change this setting.

**P11: EBS brake strength adjustment**

This P11 setting has been programmed by the controllers, The default setting is "3". Therefore, please don't change this setting.

**P12: Release the speed limit**

At P12, Please enter password “0105”.
After entering the correct password,we can see the range is "0"—"1", "0" means no speed limited. "1" means speed limited. The default setting is "1". When switching numbers "1" to "0", wait 8 seconds. It will automatically release the speed limited.

**P99: Restore factory settings**

Press ⊞ with 3-5 seconds, Wait for "99" to become" - -", means the factory setting is completed. The system will automatically return to cycling mode.

**odo : Reset the total mileage**

At odo, Press and hold the button ⊞ with 5 seconds, reset the total mileage task is completed. The system will automatically return to cycling mode.

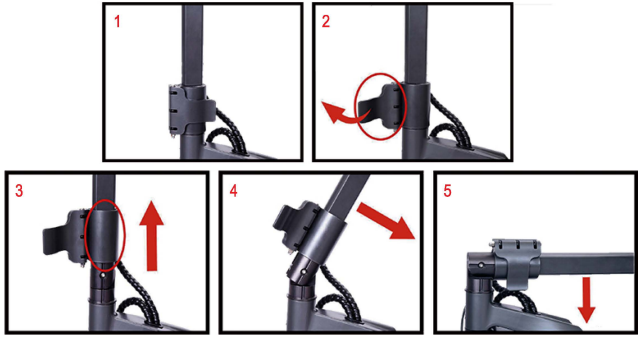
## Product Specification

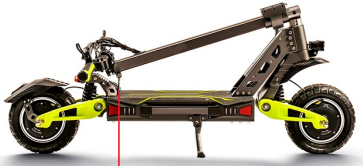
| | |
|---|---|
| Product Name | LANGFEITE C5 Electric scooter |
| Battery Capacity | 25.2AH |
| Battery Type | 21700 Lithium-ion Battery |
| Input voltage (V) | 67.2V |
| Rated voltage (V) | 60V |
| Approx Range | 60 km |
| Foldable | YES |
| Number of charging ports | 2 |
| Charging time | 6.3 hours by 2 chargers |
| Working temperature | -10°C - 40°C |
| Storage temperature | -10°C - 40°C |
| Overall size (MM) | Length 1270 mm, Handle-bar width 660 mm,<br>Height 1250 mm |
| Size after folding (MM) | Length 1270 mm, Pedal width 260 mm,<br>Height 450 mm |
| Carton size (MM) | 1310*320*600 mm |
| Max Rider Weight | 150 kg |
| Product Weight | 37 kg |
| User age | Over 18 years |
| Max Speed | 25Km/h after limited , ( 70Km/h unlimited ) |
| Riding Modes | Gear 1<br>Gear 2<br>Gear 3 |

# Product Specification

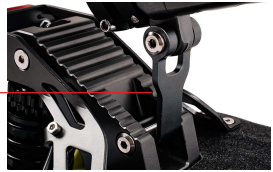
| | |
|---|---|
| Grade Ability | 40 degrees |
| Motor type | DC brushless motor |
| Motor rated power | 1100Watt per Motor, Dual motor 2200W |
| Peak output power | Peak 1600W for each motor, Dual motor peak output: 3200W |
| Controller | 30Amp*2, Sine wave controllers |
| Rated Voltage | 60V |
| Charger Rated Power (W) | 268W |
| Charger Input voltage (V) | 100 -240VAC |
| Charger output voltage (V) | 67.2V |
| Charger Rated Current (V) | 2A |
| Scooter Color | Silvery grey |
| Tires | Wheel size: 10 inch<br>Tire type: Tubeless tire<br>Tire size: 90/55-6 |
| Frame material | Aluminum alloy 6061 |
| NFC wireless card | Yes |
| Speed up | Thumb throttle |
| Lights | Head Lights & LED Taillight |
| Brake systems | Front Hydraulic brake<br>Rear Hydraulic brake<br>Motor: electric re-generative braking |
| Single/ dual motor drive modes | Single/dual motor button switch |
| Front light, Tail light, Brake light | Available |
| Singnal turn light | Available |
| Suspension system | Oil suspension （Front + Rear） |

## How to Fold



Stem and deck can be fixed with the lock



# Safe Driving Recommendation

Safe driving recommendation



■ Watch out for overhead obstacles , such as the door frame or the elevator.



■ DO NOT pass irregular surfaces at a high speed.

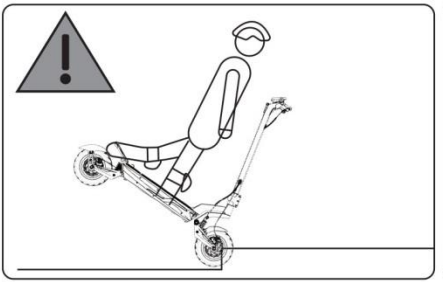


■ DO NOT ride on slopes larger than 30 degrees for extended periods of time.

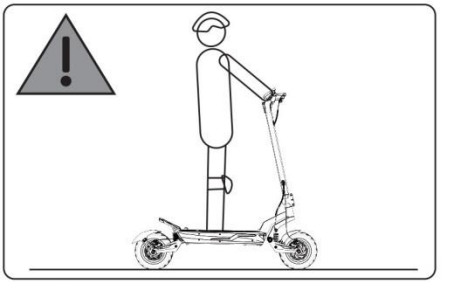


■ DO NOT accelerate while riding downhill. DO NOT use the front brake while riding at a high speed.

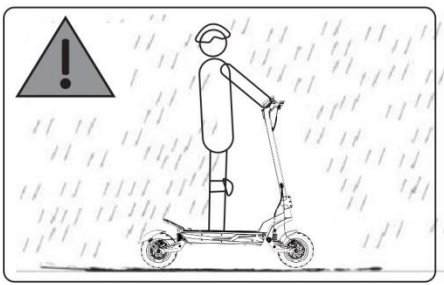
# Improper Use Cases



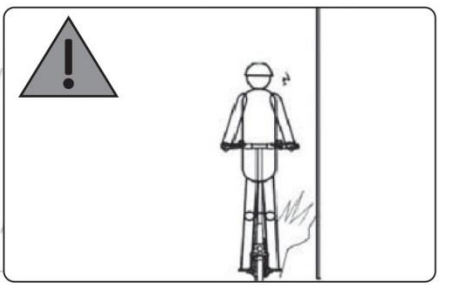
- DO NOT goup/down steps or cross obstacles with the scooter.



- DO NOT stand on the footboard after the scooter is powered off and stops.

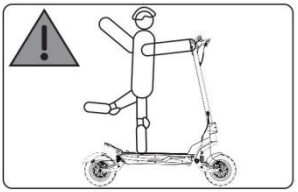


- DO NOT ride in the rain.

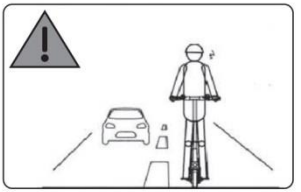


- Avoid obstacles while riding.

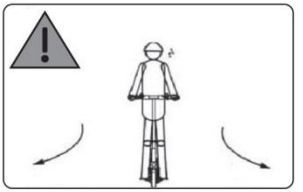
# Improper Use Cases



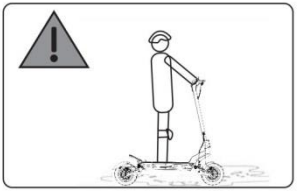
- DO NOT ride with a single hand or root.



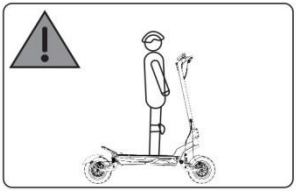
- DO NOT ride on motor way.



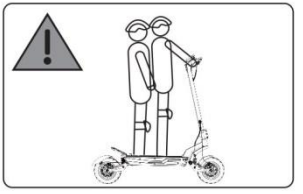
- DO NOT rotate the handle violently while riding at a high speed.



- DO NOT ride in water deeper than 2 cm.



- DO NOT ride with both hands leaving the handle.



- DO NOT carry passenger(s).

# Legal Statement

As you have been acquainted with Langfeite C5 scooter with more riding skills, please:

- Read this Langfeite C5 user manual carefully before using it for practice.

- Those who haven't read this user manual carefully in advance are not allowed to use Langfeite C5 scooter.

- Install all the parts of this scooter properly following this user manual, otherwise impropernstallation may lead to control failure, collision or crash. Turn the power off before installation, repair or maintenance. Install the parts appropriately, neither too loose nor too tight, otherwise it might cause damage or failure.

- DO NOT charge when the slot/socket is wet. Charge the scooter with correct power supply200-240V/50-60Hz). While charging, keep children, pet or inflammables away from the scooter.

- DO NOT place the battery unit in the environment where temperature is higher than 50℃ or lower than-10℃.

- In the event that the battery unit is damaged or hot, smells abnormally, or smokes, stop usingi t immediately and keep it away from other objects.

- DO NOT open or disassemble the Langfeite C5 battery unit that contains harmful substance.

- The Langfeite C5 scooter that has been fully charged may stand by for 90-120 days, whereas the one thatis undercharged may stand by 30-60 days. Please notice the stand-by time of your scooter incase of unrecoverable damages to the battery unit due to untimely charging.

- It is probibited that you practice outdoor until you have been sufficiently familiar with the operation methods of the scooter. The more times vou practice. the safer you can ride in new circumstances. Please note the essentials of practice: what you need first is primary practicein an obstacle-free area (>10mx10m) to practice riding forward, making turns and stopping. Keep yourself relaxed while practicing. When you practice for the first time, it is recommended that vou do this with the guidance of an experienced person or couch. Try to practice passing narrow areas, turning and stopping as your practice deepens. You are not allowed to ride on normal roads until vou are able to control your Langfeite C5 scooter to pass a narrow area precisely and have simulated all types of terrains. You may have a different riding experience every time you have your electric scooter upgraded. Therefore, see to it that you practice in the same obstacle-free area as if you were a beginner for the first time you ride Langfeite C5 scooter after upgrading.

# Legal Statement

- Check the Langfeite C5 scooter carefully to make sure there isn't any loose part or damage before riding it.
- Watch the crossing carefully before or during you ride your scooter or when you stop it to avoid any unnecessary damages to yourself, or objects, people or small animals around you.
- Maintain tire pressure at the level described in the parameters. Excessive tire pressure may increase the risk of control failure, collision or crash, whereas insufficient tire pressure may result in wheel damage.
- Check tire pressure at least twice a month and before you ride for a long distance,otherwise incorrect tire pressure can cause instability or wheel damage. even an accident.
- In the event that the tire works abnormally during riding, please stop and examine it in case of danger.
- Get on the scooter from either side and wear dedicated protective equipment.
- DO NOT ride in high-heeled shoes.
- DO NOT dip the battery and scooter frame into water, expose it to storms or ride in the rain for a long time. DO NOT clean the scooter with powerful water stream or a high-pressure water gun to avoid waterlog in the charging port. In the event that your scooter is exposed to storms for a long time, please stop using it immediately, wipe it with a piece of dry soft cloth, and contact after-sale service personnel. DO NOT do anything other than wiping the scooter in case of voided warranty due to any misconduct.
- Scooter's braking performance (including other vehicles on the same road) can significantly degrade along with tire friction in rainy days, which makes it more difficult to control and thus lead to control failure. To ensure safe riding during rainy days， please ride at a lower speed than usual and brake in advance.
- In the event of low battery, the scooter may not run at a high speed continuously as exnected. You may charge it for better riding experience.
- With good usability of this scooter, you may be too confident to decelerate when passing obstacles, uneven or slippery surfaces, soft ground or abrupt slopes at a high speed. You may collide, fall off or get iniured due to control failure under such circumstances. Please ride with caution in complex road conditions.

# Charging and Battery

Your Langfeite C5 has an external charger. Connect the charging cable to Langfeite C5 charging socket under the footboard, on the right side at the rear. Then connect the chargers electric cable to an electrical outlet.

Charging Light Red - Battery is charging.
Charging Light Green - Charging is complete.

**IMPORTANT:** After charging completed, we should unplug from the electric outlet firstly, then unplug from the electric scooter.

## MAXIMIZE YOUR LANGFEITE BATTERY'S PERFORMANCE:

1. For its initial charge, FULLY charge your Langfeite scooter This conditions the battery for future life-span
2. Do NOT leave a fully charged battery connected to a charger, since overcharging may shorten it's lifetime
3. Charge the unit for 6-7 hours until the light on the charger turns green.
4. For safety purposes, DO NOT charge for over 10 hours.
5. 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
6. At least once a month fully charge the Langfeite C5 battery
7. Before storing it for a long period charge the battery half way

## LANGFEITE C5 BATTERY SAFETY REGULATIONS:

Do not operate the scooter while charging!

Charge the battery only using our approved charger The use, storage or charging of the Langfeite C5 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

## Serial Numbers

Each LANGFEITE C5 comes with a unique serial number.
These numbers provides information on the authenticity of the scooters and production dates.

To find your LANGFEITE C5 serial number

1. The number is on the backside of the board, for example as below
2. Serial number: 03092310100561000

