# 3.0 /SR L1E OWNER'S MANUAL

**E-Ride Pro Inc. is not responsible for any injuries that may occur while using this product. This product should only be used by people that have extensive knowledge and skills in riding a performance L1E vehicle. The recommended age of use is 16 and up. By using this product, you are acknowledging that you are using this product at your own risk. In the usual riding, some stones or sand may get stuck into the throttle handle , when the throttle is stuck, please turn off the power at the first time, and then clean up the sand in the throttle handle. When the throttle is turned, there is no noise and sudden jam, then try to restart power and riding again.**

**This product is for L1E use only.**

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## An Important Message from E Ride Pro

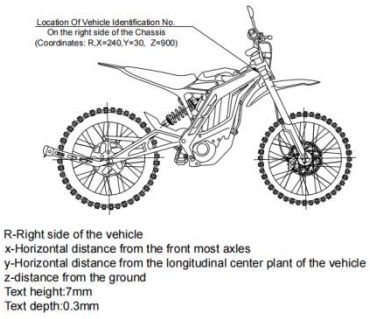
Dear Customers,

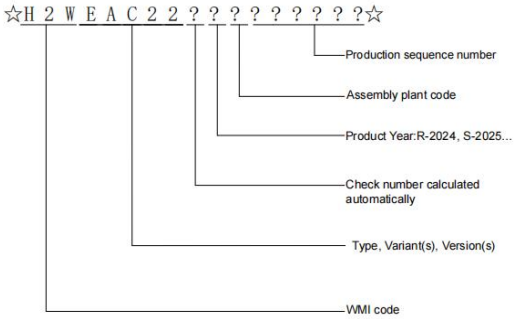
Congratulations and thank you for purchasing a E-Ride Pro L1E E-Moto.
We would like to welcome you to the community of E-Ride Pro Riders. This manual is designed to provide you with a better understanding of the operation, inspection, and basic maintenance requirements of this L1E E-Moto.

E-Ride Pro continually seeks advancements in product design and quality. Therefore, this manual contains the most current product information available at the time of printing. Because technology is constantly changing, your motorcycle may differ from the information supplied in this owner's manual. No legal claims can be made on the basis of data in this manual. When it comes time to sell your E-Ride Pro L1E E-Moto, please ensure that this manual stays with this E-Moto; it is, by law, an important part of the vehicle. If you have any questions concerning the operation or maintenance of your E-Ride Pro L1E E-Moto, please contact your local E-Ride Pro dealer.

### Vehicle Identification Number (VIN) & Motor Number

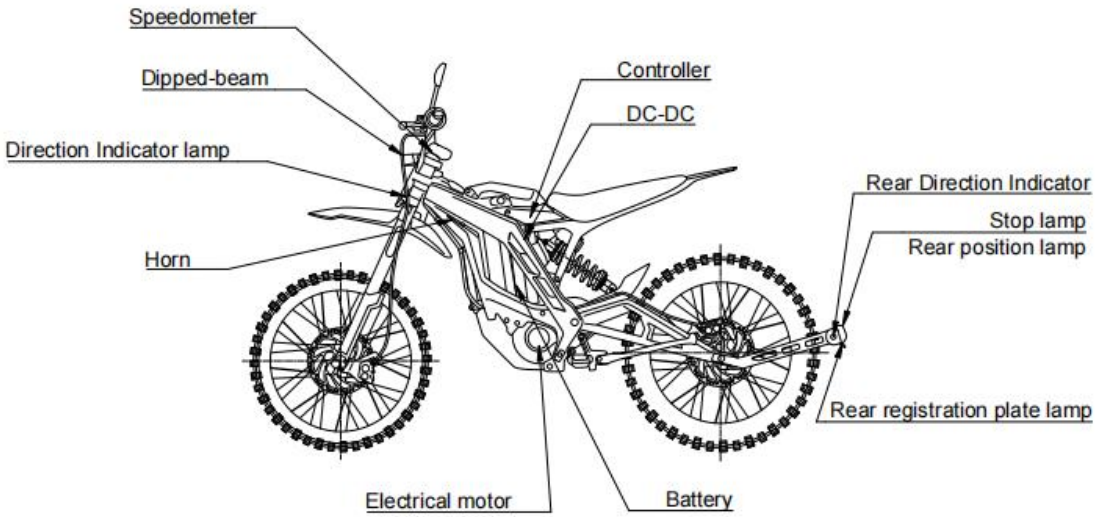
• The VIN is a 17-digit number stamped on the head tube of the frame. Do not alter or remove this number as it is the legal identifier for your electric motorcycle.
• The motor number is stamped on the motor enclosure.



## Components

Please refer to the illustrations below to identify the components and become familiar with your L1E E-Moto.



## General Safety Precautions

This is a performance motorcycle and should be treated with extreme caution.
Please obey the local traffic rules, and ride the motorcycle with a proper speed. (Top speed for 3.0/SR L1e version is limited to be 45km/h)

Proper safety gear, including a regionally approved helmet, eye protection, riding boots, gloves, and protective clothing should be worn while riding to reduce the risk of potential injury. We highly recommend the use of full height riding boots since the vast majority of motorcycle injuries are leg and foot injuries. It is not recommended to ride without the correct protective clothing; this applies to even short journeys and to every season of the year.

Read all additional warnings and product instructions in this owner's manual, as well as safety labels, before operating your electric motorcycle.

Never permit a guest to ride your electric motorcycle without proper instruction.

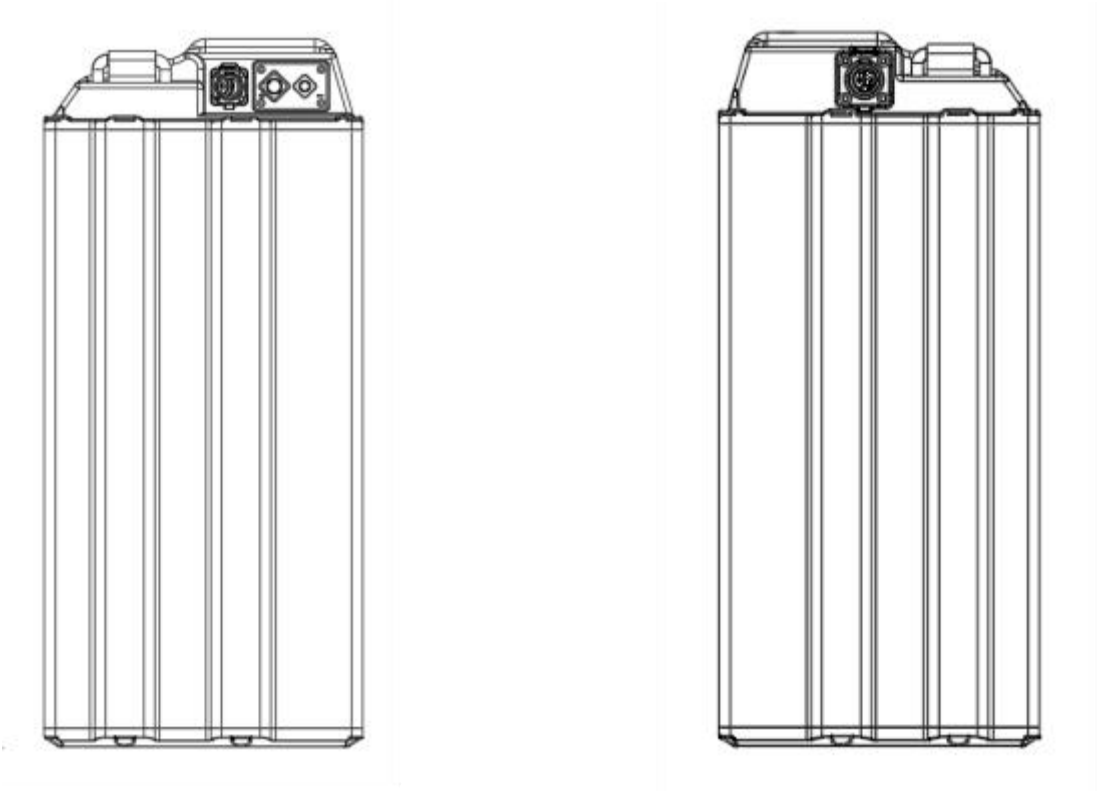
Never use alcohol or mind-altering drugs before operating your electric motorcycle.

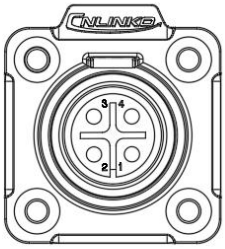
Persons unwilling or unable to take responsibility for their actions should not use this motorcycle. You assume all responsibility while operating your motorcycle. The seller assumes no liability for misuse or operator negligence.

Your safety depends in part on the good mechanical condition of the motorcycle. Be sure to do maintenance regularly. Be sure you understand the importance of checking all items thoroughly before riding.

Modifications to the motorcycle may render the vehicle unsafe and may cause severe personal injury. ERP cannot be held liable for non-approved modifications.
Be very careful when loading or adding accessories to your motorcycle. Large, bulky, or heavy items may adversely affect the handling and performance of your motorcycle.

## Charging and Charger Information






## Safety Procedures and Instructions:

Before using the battery, please read the user manual and the markings on the battery surface carefully.

Please charge the battery in a normal, indoor environment.

During use, keep away from heat sources, high voltage, and prevent children from playing with the battery.

Do not drop or strike the battery.

Do not short-circuit the positive and negative terminals of the battery. Do not disassemble or install the battery by yourself, and do not let the battery get damp to avoid any damage.

To prevent damage to the battery, do not turn on the device while the battery is short-circuited.

Do not short-circuit the charging interface of the battery while it is being charged to avoid damaging the battery.

When not in use for a long time, please store the battery properly. Keep the battery in a partially charged state, neither fully charged nor completely discharged. Wrap the battery with non-conductive material to avoid direct contact with metal which may damage the battery. Store the battery in a cool and dry place.

Dispose of the battery safely and properly. Do not throw it into fire or water.


**Warning:**

Please charge the battery above 32°F. Since charging below 32°F will cause battery damage, we have set up battery protection to prevent charging below 32°F.

Avoid using and storing the battery in environments below -4°F or above 122°F. If not used for more than 30 days, please fully charge it first, store it in a cool and dry place, and fully charge it every 60 days, otherwise the battery may be damaged.

Do not throw it into fire or water. Disassembling the battery pack is prohibited.

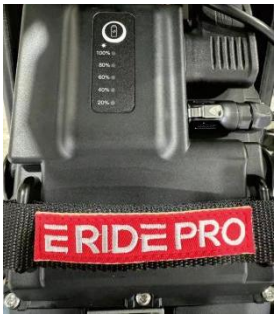
**Portable Charging:**

Sequence for separately charging lithium batteries: Before removing the battery, first Press down on the battery cover with your left hand and insert the key into the cover hole. Twist it to the left to open the battery cover, turn off the battery power switch (press and hold the switch for 3 seconds. The LED lights will go out one by one). then insert the DC charger head into the battery charging port. Finally, plug the AC charger plug into the main power interface. When the battery is fully charged, first unplug the AC charger plug and then unplug the DC charger plug.

**Charging the Entire Vehicle:**

How to charge the lithium battery while connected to the vehicle: insert the DC charger head into the battery charging port and finally plug the AC charger plug into the main power interface.

When the battery is fully charged, first unplug the AC charger plug, and then unplug the DC charger plug.




**Precautions:**

1. The charger will perform a battery detection cycle, and abnormal connection test during the first 15 seconds after powering on. The fan will stop rotating during detection, and normal charging will begin after detection is successful.
2 If the battery won't charger after riding in cold weather, place it near a gentle heat source for several hours to raise the internal temperature to 80-90F degrees. After warm weather riding, please allow the battery to cool for 2+ hours before charging.
3. When charging the battery, please place it in a safe place out of reach of children.
4. It is prohibited to touch any interface of the battery with your hands while charging, as it may cause personal injury.
5. It is prohibited to touch any interface of the battery with a metal object while charging, as it may damage the battery.
6. If you smell any unusual odor or notice excessive heat during the charging process, or if the battery still cannot display full charge after 5 hours, please stop charging immediately and send it to a repair center for inspection.

Only a approved E-Ride Pro charger should be used to charge a E-Ride Pro battery pack. Any other unauthorized chargers may damage the battery pack and pose serious risks.

Check the charger to ensure that the input voltage matches the local power supply voltage (AC 110V / AC 220V) as indicated on the charger.

The battery pack can be charged either installed on the electric motorcycle or directly by removing the battery pack.

While charging, the red indicator light will blink. Once the battery pack is fully charged, the green indicator light will remain on. Typically, it takes about 3.5 hours for the battery pack to fully charge.

Once the battery pack is fully charged, the charger will automatically shut off. However, for safety reasons, it is recommended to disconnect the AC power cord from the power outlet within 6 hours after the battery pack is fully charged.

Unauthorized and inexperienced personnel are not allowed to disassemble the battery pack; doing so may cause damage to the battery pack and pose serious risks.

**Transportation:**

The battery should be packaged in a box in a semi-charged state (50%~60% charged). During transportation, it should be protected from severe vibration, impact, or compression, and should be protected from exposure to sunlight and rain. It can be transported by car, train, ship, airplane, or other common means of transportation.


**Warning:**

The battery has an internal protective mechanism, and circuit to prevent hazards. Improper disassembly will damage the safety functions and may cause the battery to overheat, smoke, deform, or ignite.

Do not connect the positive and negative terminals of the battery with metal, and do not store or move the battery together with metal objects. If the battery short-circuits, it will damage the battery, causing it to overheat, smoke, deform, or ignite.

Heating or burning the battery will melt the battery's insulation, disable the safety function, or damage the battery cells. Overheating may cause the battery to smoke, deform, or ignite.

Do not use the battery near any source of flames, or in an environment exceeding 167°F. This will cause a short circuit inside the battery, resulting in overheating, smoking, deformation, or ignition.

Do not get the battery wet, and never immerse the battery in water. Doing so may cause the loss of the internal protective mechanism and cause abnormal chemical reactions, leading to the battery overheating, smoking, deforming, or igniting.

Avoid charging the battery near a fire source, extreme heat, or under direct sunlight, as it may cause the loss of the internal protective mechanism and cause abnormal chemical reactions. Doing so will shorten the battery life, and potentially cause failure, overheating, smoking, deformation, or ignition.

Use a dedicated charger and charge the battery correctly. Charging the battery with a non-dedicated charger can be dangerous. Charging under abnormal conditions may cause damage to the internal protective mechanism causing abnormal chemical reactions. This leads to overheating, smoking, deformation, or ignition of the battery.

Prohibited actions include using metal tools to pry, hammer, or strike the battery. As well as any other methods to damage the battery.

connecting the battery directly to a power outlet is strictly prohibited. A large current will pass through the battery causing damage, overheating, smoking, deformation, or ignition of the battery.

The battery should not be used with non-approved devices. Improper usage can damage the battery's performance, reduce its lifespan, and even cause overheating, smoking, deformation, or ignition of the battery.

**Other Matters:**

The above descriptions serve as an agreement for both the supplier and consumer regarding the performance and inspection of the battery. If there are no new written agreements or changes, this is to be followed. This technical specification is based on customer requirements, cell specifications, and other relevant standards.

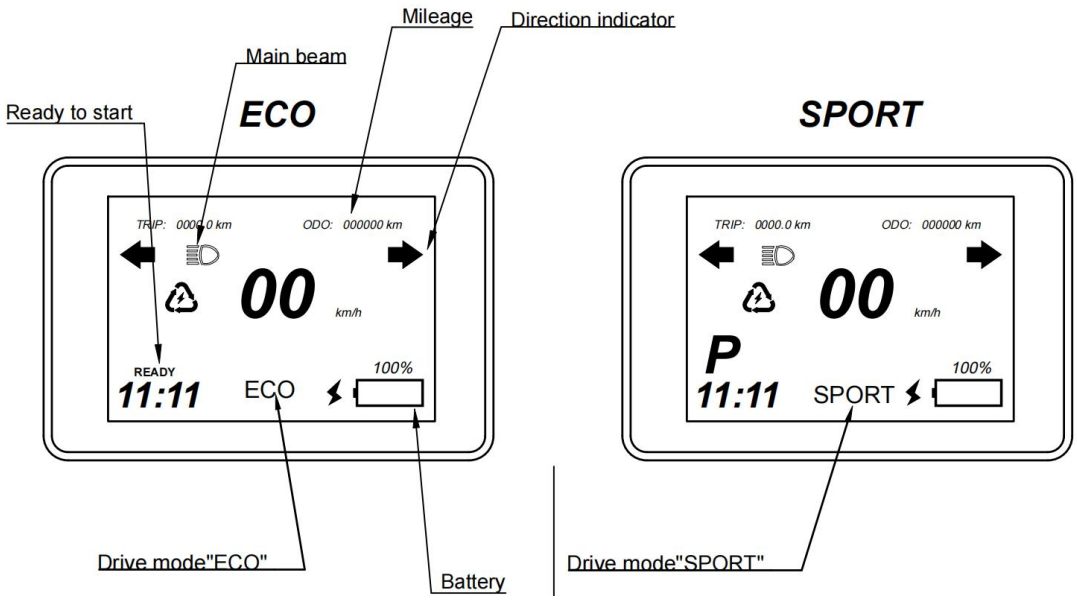
## Battery Charger Information:

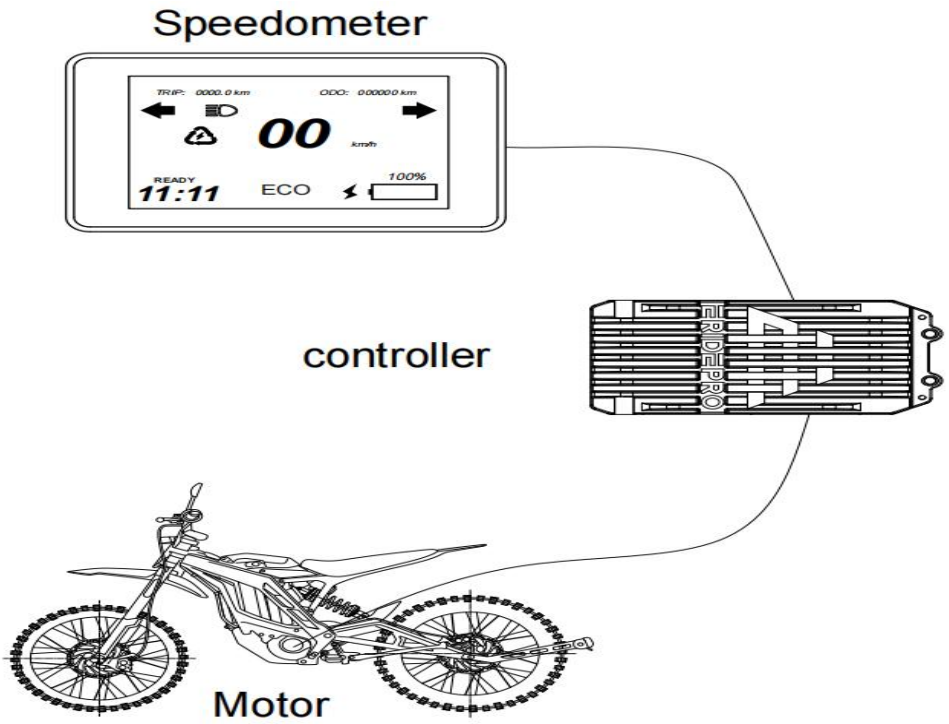
Connect the battery charging port to the battery and then connect the AC110 socket to the wall.

## Safety Tips for Electrical Use:

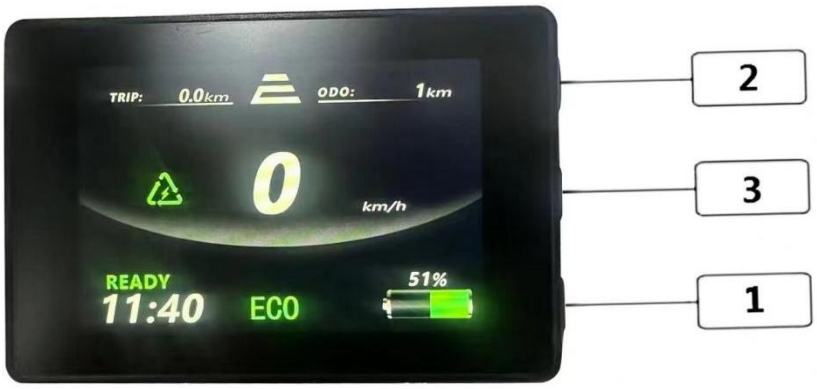
It is necessary to use a power source with reliable grounding. The ground wire of the power source should be insulated and should not be connected to shared facilities such as water pipes. Distinguish between the ground wire and neutral wire of the power source and do not connect these two conductors together. For the safety of you and your family, if there are any areas in your home where the electrical system does not meet the above requirements, please make improvements as soon as possible.

## TFT Instrument Panel Instructions



## Keyboard Instructions



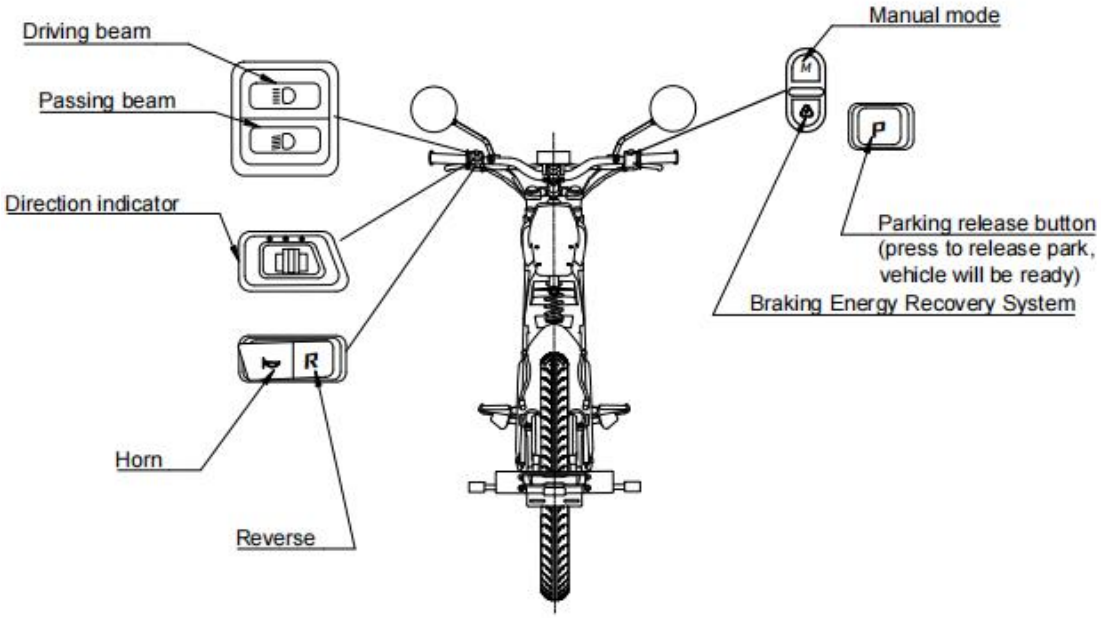

**#1:** Long press to enter the settings interface, confirm the selected function, long press within the settings panel to return to the interface.  Adjust the correct position when you change the big sprocket gear or wheel rim size.



**#2:** In the settings panel, you can cycle through the upper selected functions.

**#3:** In the settings panel, you can cycle through the lower selected functions.

## Specific Function



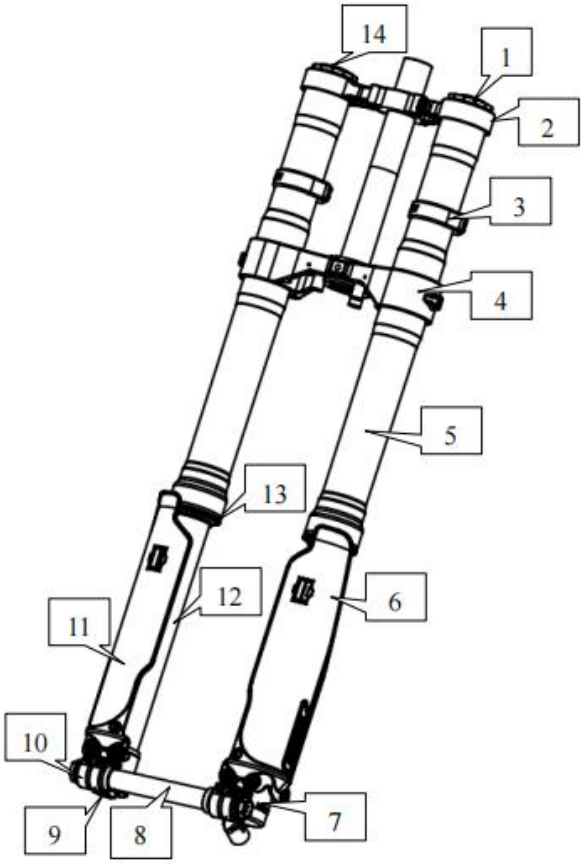
## Special Attention:

• When you choose “ECO” mode, the power output, speed acceleration and top speed are reduced, which is more suitable for the novice rider, and riders who want more battery range.

• When you choose "SPORT" mode, the power output, speed acceleration, and top speed are increased, this is more suitable for the experienced rider. In this case, for your safety, please make sure you are acclimated to the bike, skilled, and properly protected with riding gear.

• When you want to turn around while riding, you can press R and the throttle to reverse automatically.

**FASTACE FORK:**




**Part Name:**

**1：** Deflate cyclone button
**2:** Upper connecting plate
**3:** Direction limit block
**4:** Lower connecting plate
**5:** Outer tube
**8:** Front wheel axle
**9:** Compression adjustment button
**10:** Right lower foot
**11:** Right fender
**12:** Main tube

**6:** Left lower foot
**7:** Left lower foot
**13:** Dust seal
**14:** Rebound knob

**Installation Notes:**

In order to ensure smooth operation of the shock absorber, check whether the width of the wheel hub assembly matches the width of the shock absorber before installation, and make sure that the two fork tubes of the shock absorber are parallel.

The tightening torque of the upper and lower connecting plate screws should be within an appropriate range to avoid the deformation of the outer tube affecting the operation of the shock absorber. (The recommended torque of the upper connecting plate screw is
16-18N.m, lower connecting plate screw torque 10-12N.m)

**Care and maintenance**

The service life of the shock absorber depends on many factors, such as the road surface and driving conditions; impact, fall, abnormal use or rough use can damage the shock absorber.

**Product life**

Failure to perform regular maintenance or improper maintenance can cause damage to oil seals, self-lubricating bearings, dust seals, main pipes and other components, resulting in oil leakage or movement lag.

**Phenomenon**

We recommend a full maintenance every 10 hours.

**Surface Cleaning**

The surface of the shock absorber must be cleaned immediately after each ride, especially the mud and sand attached to the main tube.

When cleaning with a high-pressure water gun, it is strictly forbidden to flush upwards towards the dust seal, as this will flush mud and sand into the oil port and cause oil leakage.

Do not use flammable or corrosive solvents to clean, otherwise it will damage the dust seal. Use neutral soapy water or detergent and a soft cotton cloth to help clean.

Clean.

After cleaning, apply a layer of lubricating grease on the surface of the main pipe and press it hard a few times to make the surface of the main pipe fully lubricated.

## Rear Shock Adjustment

The rear shock absorber is already adjusted to the optimal state when the vehicle leaves the factory, suitable for the majority of situations. Please do not adjust it by yourself.

## Belt Maintenance Precautions:

▪ Check the belt tension every 300 miles or every 3 months. If the belt can move more than 1/8” up or down while pushing at the midpoint between the two pulleys, the belt needs to be tightened again. For specific operation standards, consult a qualified retailer.

▪ If the belt deviates or wears at the edges, inspect the jackshaft axle and bearings for damage.

▪ After riding in harsh environments, check the transmission system. If there is sediment accumulation in the system, rinse it with clean water before riding again.

▪ If foreign objects enter the wheel system and cause abnormal damage to the belt, replace the belt promptly and check the condition of the pulley. If the pulley is damaged, replace it.

**Attention:**

Check all screws if they are tightened. Check screws once a month.

**The brake cylinder has a plug that blocks the brake lever. It must be removed before use, otherwise the brake will not function properly.**

## Technical Specification 3.0/SR L1e

| | |
|---|---|
| Maximum speed: | 45KM/H |
| Power : | 3.7KW |
| Torque : | 12Nm |
| Vehicle Weight(w/o battery): | 55KGS（121LBS) |
| Maximum load weight: | 220KGS |
| Length: | 1954MM |
| Width: | 797MM |
| Height: | 1121MM |
| Wheelbase： | 1251MM |
| Battery： | 72V50Ah（SamSung swappable Lithum Battery） |
| Range: | 93Km |
| Front Wheel Size: | 2.75-19 |
| Rear Wheel Size: | 3.00-18 |

**Notice:**

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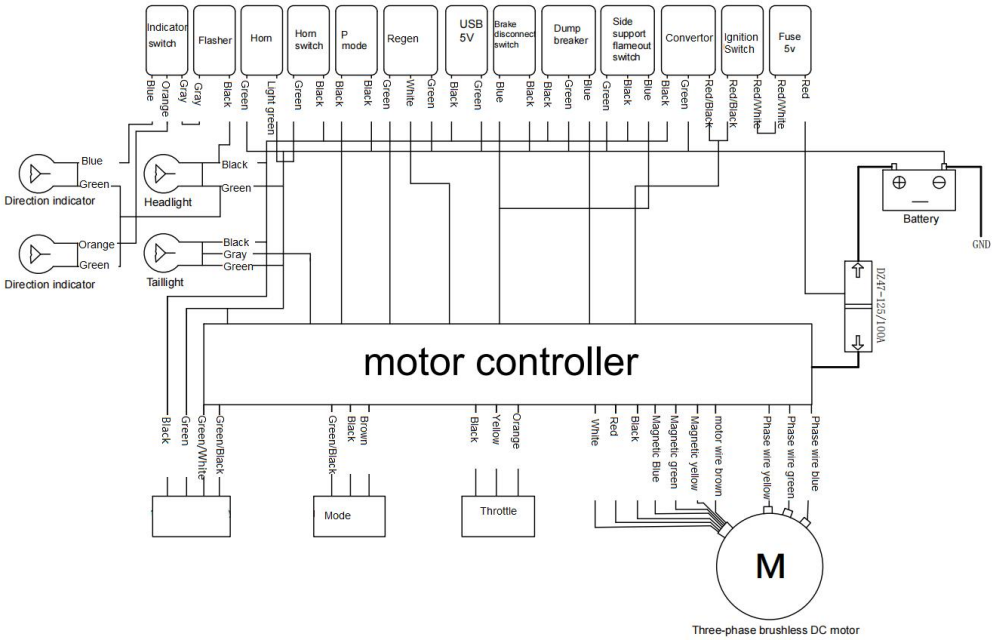
## Circuit Schematic Diagram



## Error Codes

| | |
|---|---|
| 00300 | Controller Phase Line Failure |
| 00400 | Controller Bus Overcurrent |
| 00500 | Power Tube Failure |
| 00600 | Tilting Error |
| 00700 | Throttle Error |
| 00800 | Low Voltage Protection |
| 00900 | Over Voltage |
| 00A00 | Motor Hall Sensor Failure |
| 00B00 | Motor Phase Line Failure |
| 00C00 | Motor Overheat |
| 00D00 | Motor Temperature Sensor Failure |
| 00E00 | Controller Overheat |
| 00F00 | Controller Temperature Sensor Failure |
| 01000 | Current Sensor Failure |
| 02000 | Motor Out of Phase |
| 03000 | Motor Stalling |
| 04000 | Communication Error |

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