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# Bigboy 100 User Manual

**HECHHI Series**



Meter Connected App

Please read this manual and all the safety labels of the vehicle carefully before riding. This manual will provide you with detailed instructions for the use of the vehicle to facilitate your understanding of the Bigboy electric motorcycle.

This manual is printed with the latest product, but your motorcycle may look different from what is described. Please visit our website [www.hechhi.com](http://www.hechhi.com) for updates and other information about your motorcycle.

This manual covers the following electric motorcycles:

## Bigboy 100

### Tips for maximizing vehicle range

The series of E-XDV electric motorcycles are derived from each ride after a full charge. Besides riding habits, energy consumption is also affected by environmental conditions (such as extremely cold or hot weather, riding on gravel roads or soft sandy beaches, etc.). To achieve the maximum driving range on a single full charge, please note to reduce the top speed, avoid sudden acceleration, and keep the vehicle moving at a constant speed to ensure the maximum driving range.

To achieve the maximum driving range, please follow the following tips:

Avoid frequent and violent acceleration and braking;

2. Under absolutely safe riding conditions, please try to use the accelerator to slow down or gently apply the brake instead of pulling the brake handle forcefully.

3. When you are driving the Bigboy100, if the vehicle is traveling at high speed and you release the accelerator, the regenerative braking will reduce the speed of the Bigboy100 and convert kinetic energy into electrical energy to charge the battery pack.

4. Maintain the correct tire pressure of the front and rear tires (please refer to the recommended tire pressure );

5. Remove unnecessary loads and reduce the load.

6. The maximum driving range may vary in winter or summer.

To sum up, you can estimate your cycling mileage range based on the above factors and your cycling habits.

**Note:** The range of the cruising range may vary significantly depending on various harsh road conditions during the ride.

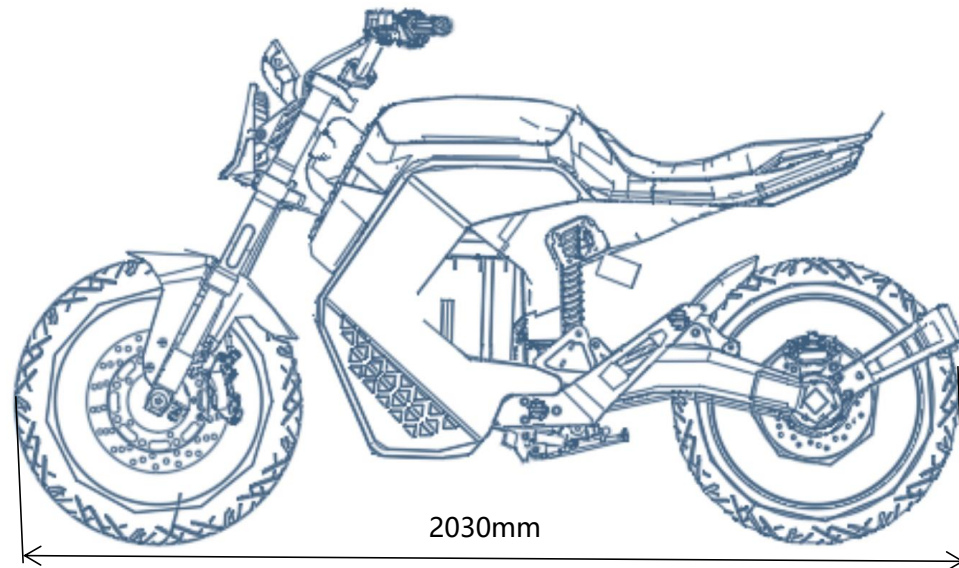
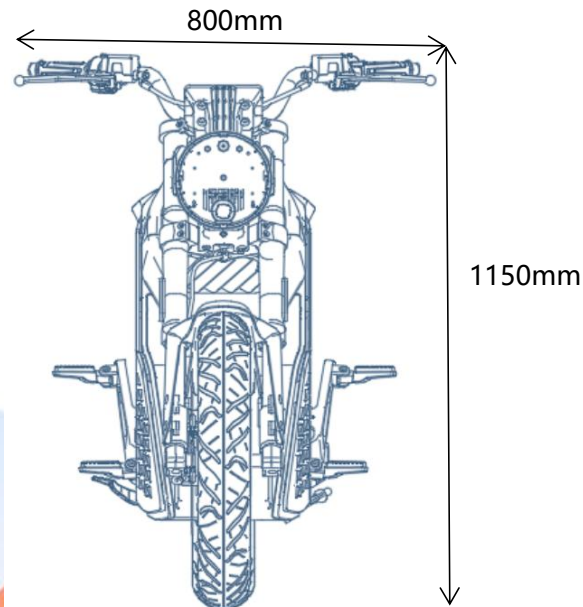
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# Introduction

- This instruction manual is only for use by the Bigboy series models under HECHHI and is for personal use only. Commercial use is prohibited.
- The Bigboy series of vehicle models have the advantages of flexible operation, novel appearance, elegant shape, low noise, zero emissions, strong power, superior acceleration performance, reliable braking performance and comfortable riding.
- Regarding the vehicle usage scenarios, it is recommended to use it on public roads. It can also walk on unpaved roads for a short time. The specific usage depends on the actual application scenarios.
- Please check the condition of the vehicle before your first ride. First, check the battery power. If the vehicle has been transported for a long time, please fully charge it before driving. Otherwise, driving at low power will cause certain damage to the battery.
- If there are any updates to the vehicle configuration, no further notice will be given. For details, please consult the dealer or visit our company's website: [www.hechhi.com](http://www.hechhi.com)

- This manual introduces the basic operation methods, inspection, maintenance and repair of this vehicle model. Correct use of vehicles and timely inspection and maintenance can reduce vehicle malfunctions, identify potential hazards, etc., and maintain the best performance of the vehicle.
- Electric motorcycles are a convenient and fast means of transportation, but at the same time, they are also a dangerous type of motor vehicle. To ensure your safety, please be sure to read this manual carefully before using the vehicle. Otherwise, improper operation may cause traffic accidents, damage the vehicle and personal injury. Use the electric motorcycle correctly in accordance with the requirements of the manual. At the same time, we also hope that when you use an electric motorcycle, you can abide by the local traffic rules and regulations, pay attention to safety, and protect your own and others' lives and property. Wish you a pleasant ride!

## The external dimensions drawing of Bigboy model



# Vehicle hazard warning

## \* About vehicles



As a vehicle driver, one must be familiar with the structure of the vehicle, understand the riding techniques, and be responsible for their own safety, the safety of others, and environmental protection.

## \* Medical disability



The electromagnetic radiation generated during the charging process of power batteries may affect the operation of nearby electronic medical equipment, which may lead to the death or serious injury of people. Before charging power batteries, People using electronic medical devices (such as implanted pacemakers or implanted cardioverter defibrillators, etc.) should ask their doctors or the manufacturers of the electronic medical devices for any impact.

## \* Power battery



In some extreme environments, power batteries may experience heating, smoking or explosion. When using or storing power batteries, strict attention should be paid to the safety usage principles of power batteries. Discarded storage batteries and power batteries are classified as "hazardous waste" and are prohibited from being disposed of privately. Please contact the EASYCOOL after-sales service center or the designated dealer for recycling and processing.

## \* High voltage



The dedicated battery for electric motorcycles operates at high voltage, exceeding the safe voltage of 36V. If the vehicle's dedicated high-voltage cable components are damaged and the wiring and terminals are exposed, do not touch the exposed components under any circumstances. In addition, if you are not sure whether the damaged part is a high-voltage component specifically designed for electric motorcycles, do not touch the exposed wiring or terminals. Contact with wires or terminals without proper safety precautions may cause severe burns or electric shock, resulting in serious injury or death. If it is necessary to come into contact with the exposed parts of high-voltage cables or high-voltage components specifically designed for electric motorcycles or if there is a risk of contact, insulating protective equipment capable of withstanding the high voltage specifically designed for electric motorcycles (insulating gloves, protective glasses, insulating shoes) must be used.

## \* Vehicle charging



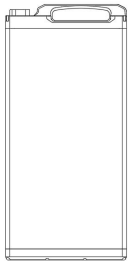
Improper charging methods may lead to serious consequences. Read carefully about charging matters before charging and fully understand all the information related to battery charging.

# Vehicle Danger Warning

## Warning

If any damage or malfunction is found in the vehicle's charger, charging gun, high-voltage connection plug or other high-voltage equipment and facilities, their use should be immediately stopped and the vehicle should be repaired or the damaged equipment replaced at the after-sales service center designated by the vehicle dealer or the manufacturer. Only after the repair and passing the inspection can they be used again.

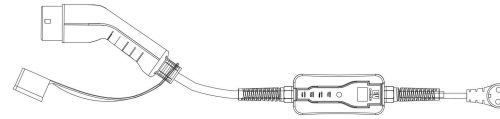
As shown in the following figure, the component should be stopped from use immediately in case of malfunction



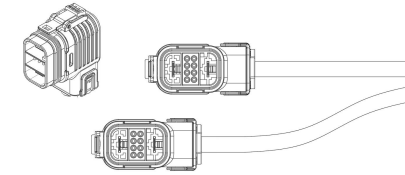
Battery pack



Portable charger



Charging gun



High-voltage connection plug

When the equipment is damaged or severely damaged, it is strictly forbidden to touch or repair it while it is powered on to prevent electric shock  
When the equipment is in normal use, it is strictly forbidden to touch, inspect, plug or unplug it with water on your hands to prevent electric shock



## Vehicle transportation

The vehicle is packed in full honeycomb cartons or iron frames when leaving the factory.

The specific packaging materials may vary by batch.

The maximum number of stacking layers for this package is two.

Rolling, hoisting, inversion, water spraying, etc. are strictly prohibited.

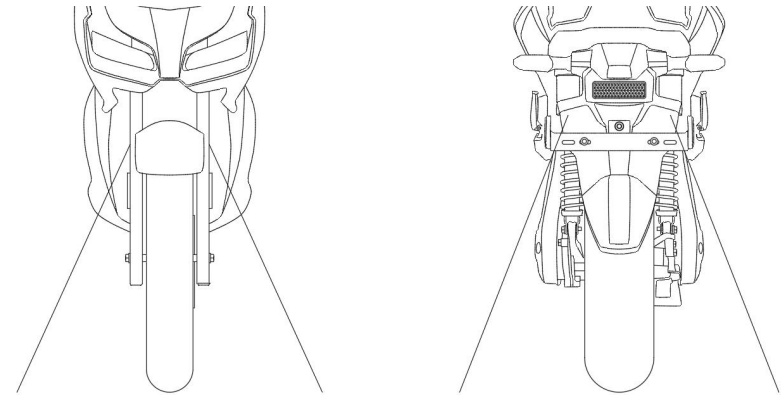
It is recommended to use forklifts for loading and unloading.

The total weight of the vehicle including packaging is 190 kilograms.

When the vehicle is transported by a trailer or a dedicated trailer frame, please use dedicated straps for fastening. The fastening points are shown in the following figure.

The front shock absorber is tightened left and right, and the rear shock absorber is wound around the top and then tightened. After tightening, the vehicle must not sway left and right.

It is recommended to use a foldable flat ladder or a place with a steep slope for loading and unloading vehicles. During the loading and unloading process, pay attention to the balance of the vehicle to prevent it from overturning, so as to avoid economic losses to you.



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# Riding Warning

## Safe riding/riding requirements

Before operating your electric motorcycle, please read all the warnings, instructions and all the safety labels in this manual.

Before riding, please ensure that you have the legal qualification to ride a motorcycle.

Please be responsible for your own and your fellow passengers' personal safety and be aware of the possible dangers you may encounter during the ride. Before cycling, you can do many things to protect yourself, such as wearing appropriate safety equipment, including helmets, shoes, glasses, gloves and protective clothing approved by the region/country, to reduce the potential risk of injury;

Please note that high-speed driving is a driving skill that demands a high level of physical strength. It requires more than just a good motorcycle. To do it better, you must have good physical conditions and be a skilled rider. To achieve the best riding experience, it is recommended to exercise regularly and ride the vehicle frequently for practice.

The design concept of the Bigboy electric motorcycle is mainly for short-distance use within a range of 150 kilometers, such as commuting to and from work, and relaxing riding on weekends. This electric motorcycle is recommended to be driven on public paved roads. Long-term driving on unpaved roads may cause vehicle damage, personal injury and other situations.

You can find many useful suggestions and safety instructions in this manual. The following are several points that we consider relatively important:

1. The Bigboy is a high-performance electric motorcycle. It should be treated with extreme caution before and during riding.
2. Whether you are practicing to improve your skills or cycling at high speed, you should wear appropriate safety equipment, including helmets, shoes, glasses, gloves and protective clothing recognized by the region/country, to reduce the potential risk of injury. We strongly recommend using a full set of protective equipment to protect yourself well.

3. Due to the height, weight and speed of electric motorcycles, the vast majority of motorcycle injuries are caused by the friction between the ankles, legs, elbows and feet and the ground. Rear-end collisions or collisions can cause greater harm.
4. When riding, please always pay attention to the distance from the vehicle in front, the distance between other vehicles and the changes in the road to prevent accidents.
5. Under any situation should one allow others to ride an electric motorcycle without any guidance easily.
6. Before riding an electric motorcycle, never drink alcohol, take drugs or take any medications. Even a small amount of alcohol, drug use or medication can reduce your ability to judge the surrounding environment, vehicles and roads, thereby slowing down your reaction ability. Do not drink alcohol, take drugs or take medications in large quantities either. This will make your reaction ability even worse. So, do not ride a vehicle after drinking alcohol, taking drugs or taking medications. Don't let your friends or others drink alcohol or take drugs either.
7. Please do not lend your electric motorcycle to others easily. During the period when others use this electric motorcycle, you will bear all the risks and responsibilities. The manufacturer or dealer shall not be held responsible for any use by others or negligence of the vehicle owner.
8. Please take a moment to get to know your Bigboy electric motorcycle. Since each electric motorcycle is unique, it takes time to fully familiarize yourself with how this electric motorcycle operates and responds to us.

**Passengers in the back row of an electric motorcycle should wear helmets. If conditions permit, it is best to wear a full set of safety protection equipment to reduce the potential risk of injury.**

**Before riding, please make sure that you or others have the legal qualification to ride a motorcycle**

## Safe riding

Learn and respect your limits. Never exceed your personal ability or ride at a speed beyond your current conditions. Please remember that alcohol, drugs, medications, illness and fatigue can reduce your good performance and safe cycling ability.

In order to keep your Bigboy in the best condition for a long time, only the components approved by HECHHI or the electric motorcycle parts provided by the designated dealers can be used. Proper maintenance of your Bigboy is crucial to your security. For instance, a loose bolt may cause a malfunction. Riding without knowing it could result in serious injury. Only when the vehicle is in good technical condition, meets the intended use, is safe and free of any malfunctions should it be operated.

This electric motorcycle is a high-voltage vehicle. Please follow the safety and precautions applicable when using the vehicle. If you smell an abnormal odor emitted by the lithium-ion battery, please place the Bigboy in an open and safe outdoor area, away from flammable items. Then unplug the high-voltage plug of the battery, turn off the key switch, and contact your local authorized dealer for assistance in inspection and maintenance.

Before each use, the rider must check all the contents in the "Pre-Ride Check" section on page 7.1, as well as the fault lights displayed on the dashboard screen, the battery pack power status, etc.

To avoid malfunctions during riding, it is recommended to carefully inspect your electric motorcycle before each ride. If any problems are found, contact the local dealer in time. It is strictly forbidden to ride with malfunctions. So as not to cause other accidents.

Carry out all recommended maintenance in accordance with the maintenance plan and adjustment requirements listed in this manual. Make sure to thoroughly check the importance of all items before cycling. If you are the owner of the Bigboy, please understand the purpose for which your electric motorcycle is designed and manufactured. The vehicle tires of Bigboy are not designed for off-road use. If you need to cross an unpaved road surface, please confirm the condition of the road surface and comprehensively assess the possibility of safe passage for personnel and vehicles.

Illegal modification of vehicles may lead to any unexpected problems. Any modification that affects the vehicle's power system or is carried out for such purposes is prohibited. If any such modification parts are installed on the vehicle, our warranty policy for the vehicle will be immediately terminated. Any modification to the charging equipment is strictly prohibited, including extension cords, power strips, distributors, ground adapters, capacitor protectors or any similar electrical devices.

Other modifications made to your vehicle may prevent it from legally driving on public roads. Before you decide to add accessories to your vehicle, please first understand which modifications are safe and legal. HECHHI plans to design a series of professional accessories for the vehicle. These accessories are specifically designed for this vehicle and have undergone professional design and testing to ensure the safety and legality of the vehicle. HECHHI only recommends that users use accessories designed by HECHHI.

The logo for 'arena' is written in a stylized, cursive script. The letters are black with a white outline, giving it a three-dimensional appearance. The 'a' and 'n' have long, sweeping tails that underline the rest of the word.

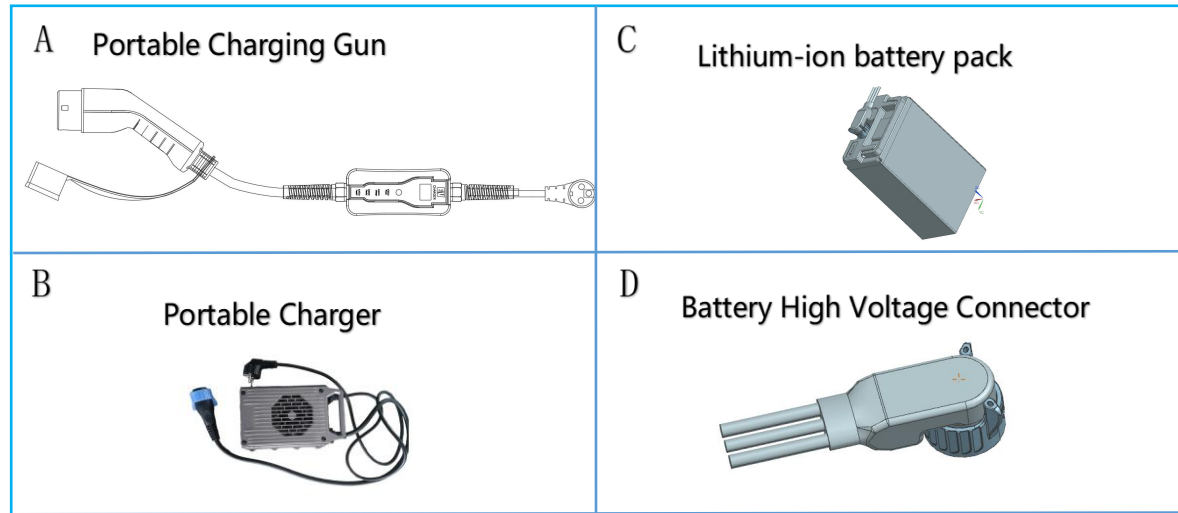
# Important information

## Regarding batteries/chargers

The rated voltage of this electric motorcycle battery pack is 72V (exceeding the safe voltage for human body by 36V), and the rated capacity is 60AH-120AH (30\*2-60\*2). The battery pack does not require deep discharge and should be avoided as much as possible (the instrument SOC display shows that the battery level is less than 10%). To achieve the longest battery life cycle, please charge the battery pack promptly after each ride. Prolonged deep discharge of the battery pack can damage the battery. If you do not follow the instructions in this manual regarding battery pack storage and charging, your Bigboy electric motorcycle warranty may become invalid. These operation guidelines have undergone rigorous testing to ensure maximum efficiency and lifespan of the battery pack, as well as to reduce your additional expenses.

The charger can only use original external or car chargers from the factory. The charger approved by HECHHI is for charging Bigboy lithium-ion battery pack C. When using portable 220V charging gun A to charge the battery, the battery cannot be removed. The portable charger B can be used to remove the battery from the car or charge without removing the battery.

When charging dual batteries, the charging indicator light D flashes green and the instrument SOC display flashes synchronously. The red light flashes when a single battery is charged, and the green light remains on when fully charged. After being fully charged (SOC displayed on the instrument as 100%), the charger will continue to float charge for about 30-45 minutes and automatically stop. There is no need to wait for the float charging time.



**When using a charging station to charge your vehicle, please distinguish between alternating current (AC) and direct current (DC) charging stations. This model of electric motorcycle does not currently support direct current (DC) charging. Please be aware!**

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# Important information

## Parking/Long term parking

### The following are several important operational precautions:

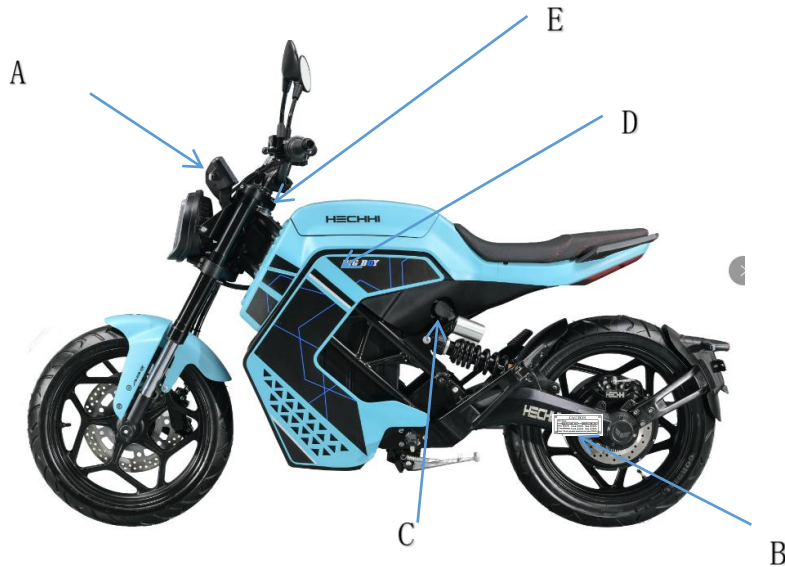
When parking on a slope or steep road, please use the parking brake D or spread the main support. When not actively riding, be sure to turn the key switch A to the OFF position, pinch the rear brake lever C tightly, turn the parking brake D forward, and release the brake lever C. At this time, C and D should be engaged with each other, playing the role of parking brake.

Because it's easy to forget that the electric motorcycle is still in driving mode because it's completely silent. If the electric motorcycle is in a drivable state when you get on and off, accidents may occur. Short term parking can also be achieved by pressing the vehicle's P gear switch B or opening the side support to automatically enter P gear. Only after ensuring that the vehicle is parked steadily and in P gear can you leave. Parking according to the prescribed method can greatly avoid vehicle damage, personal injury, or property damage. Pay attention to the following when parking for a long time: 1. Please ensure that the vehicle power is completely turned off before parking; 2. Choose a solid level ground for parking; 3. When parking, the vehicle door lock A must be closed and the key must be removed; 4. If necessary, the main support can be extended to park the vehicle. 5. When key A is in the OFF position and the key is removed, the electronic components of the electric motorcycle will consume a small amount of electricity, and the battery pack will slowly consume power. If you don't ride for a long time (30 days or more), you need to fully charge the battery pack and unplug the high-voltage connector connected to the battery, so that the battery still has sufficient power for your next ride.



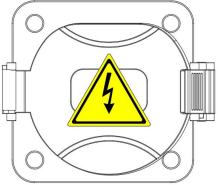
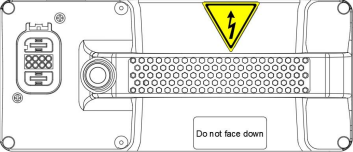
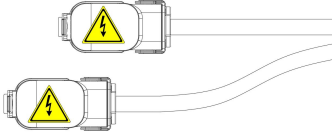



**When the high-voltage connector is not unplugged from the battery pack, the vehicle will still discharge slowly with extremely low power. If the battery is low, it can cause damage to the battery. To store for a long time, please fully charge the battery pack and unplug the high-voltage connector.**

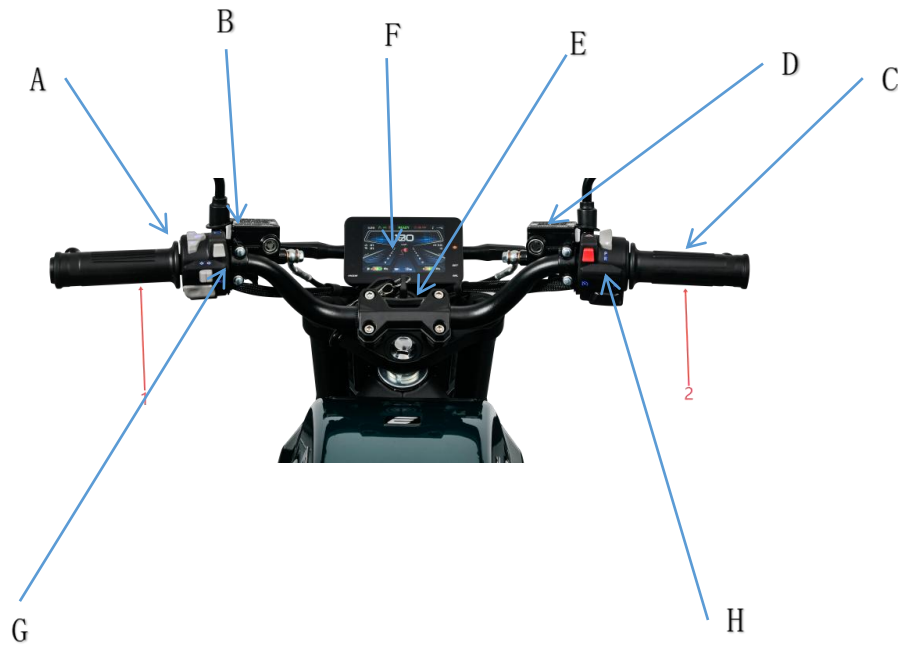
# Important Label Locations



- Label A:** Displays the production date and model number of the instrument panel for easy batch and status verification during after-sales service;
- Label B:** Indicates the recommended tire pressure for the front and rear tires, providing reference for maintenance and inflation;
- Label C:** High-voltage warning label—indicates that malfunction or improper handling of this component may result in personal injury;
- Label D:** High-voltage warning label—indicates that malfunction or improper handling of this component may result in personal injury;
- Label E:** Vehicle Identification Number (VIN) label—used for license plate registration and cross-checking with the Certificate of Conformity (COC).

<p><b>A</b> Speedometer Back Information Label</p> 	<p><b>B</b> Tire Pressure Label</p> 
<p><b>C</b> Charging Port High-Voltage Warning</p> 	<p><b>D</b> Battery High-Voltage Warning</p> 
<p><b>D</b> Battery High-Voltage Connection Warning</p> 	<p><b>E</b> Vehicle VIN: Right side of head tube</p> 

## Names and descriptions of main parts



Front Overhead Bit

A Left Brake (Rear Brake) Handle

B Rear Brake Pump Upper Pump Reservoir

C Front Brake handle

D Front Brake Pump Upper Pump Reservoir

E Electric Door Lock

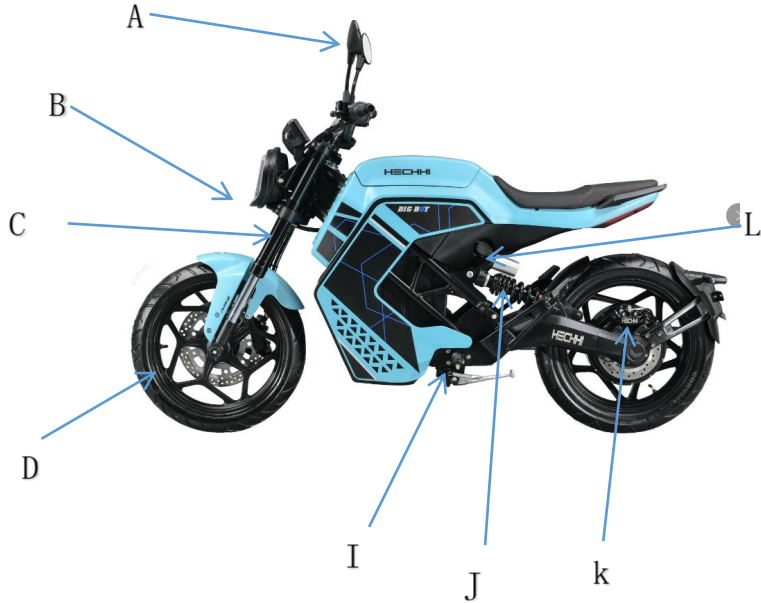
G left operating switch

F TFT Liquid Crystal Gauge

H Right operating switch

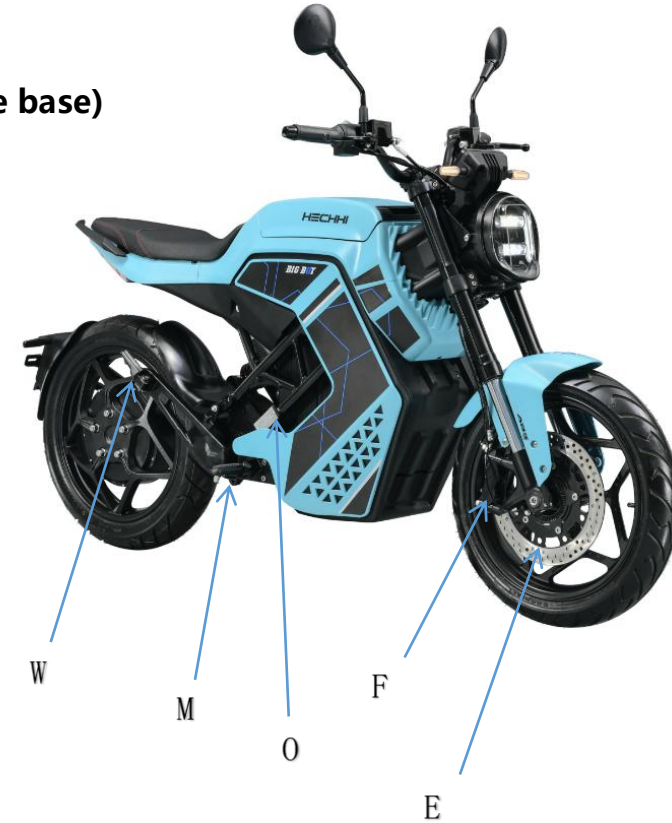
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## Names and descriptions of main parts



**Left Side View**

- A Rearview Mirror**
- B Headlight (adjustable height at the base)**
- C Front Inverted Shock Absorber**
- D Front Wheel Rim**
- E Front Brake Disc**
- F Front brake Caliper**
- I Side Stand**
- J Rear Air Suspension**
- K Rear Brake Caliper**
- L Charging Port (left side)**
- M Front Footpeg**
- W Rear Footpeg**
- O Vehicle Nameplate**



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## Use of electric door lock

Open the toolbox in the back direction



Open the cushion in the front direction



Press and hold the unlock button on the remote control to open the toolbox.

power cut-off switch



Note: In the ON direction means open, in the OFF direction means power off, the vehicle is in the state of not riding for a long time, turn the switch in the OFF direction.

# Speedometer Icons

## Inner Icons



<b>Time</b>	00:00
displays the time in 24-hour mode;	
<b>Bluetooth Status Icon</b> Illuminates blue when your phone is successfully connected	
<b>Charging Icon</b> Lights up when the vehicle is charging, and the AB dual battery SOC and overall display icon flash synchronously	
<b>Battery Meter</b>	

<b>READY Light:</b> Indicates the vehicle is ready to ride.	<i>READY</i>
<b>Motor Fault Indicator</b> Indicates a motor failure	
<b>Throttle Fault Indicator</b> Indicates a throttle failure	
<b>Motor Temperature display</b>	
<b>Controller Fault Indicator</b> Indicates a throttle failure;	
<b>Motor Temperature</b>	
<b>Gear Display:</b> P (Park), R (Reverse), 1 (ECO), 2 (STREET), 3 (SPORT), The riding mode switch is located on the right switch	
<b>Current ride distance</b>	KM/H MPH
<b>Position Lamp Indicator</b> Shows front/rear lights are on	

<b>Dual-Battery (AB) SOC Display:</b> Shows remaining battery level	
<b>Mileage Units:</b> <b>TRIP:</b> Single trip distance. <b>ODO:</b> Total distance. Toggle with left switch SET button. Switch between km/miles	
<b>Cruise Control Icon:</b> Activates when speed > 3 km/h	
<b>Speed Display:</b> 0–110 km/h (0–72 mph)	
<b>Side Stand Indicator:</b> Illuminates when stand is deployed (vehicle locked in P mode)	
<b>Overheat Warnings:</b> Indicates the controller is overheating	
<b>Low Battery</b> Indicates to recharge	

# Speedometer Icons

## External Icons



Note: Classic UI shown. Actual display varies by vehicle model.

**Left Turn Signal**  
Remains flashing until turned off



**Malfunction Indicator Lamp (MIL)**  
Illuminates when a vehicle fault is detected



**Light Sensor**  
Enables automatic dashboard display switching in bright environments.



**MODE**  
Press once to enter the vehicle interconnection page. Press and hold for 3 seconds to enter the function settings page. In the function settings, this key acts as the confirmation and exit key



**Right Turn Signal**  
Remains flashing until turned off



**High Beam Indicator**  
Indicates headlights are in high beam mode



**ABS Status**  
Yellow when stationary; turns off when speed exceeds 10 km/h



**SET**  
About description and setting



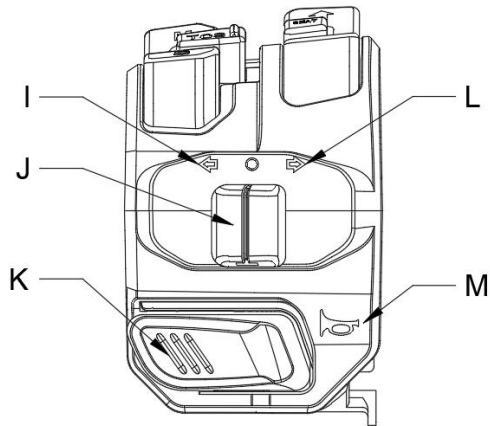
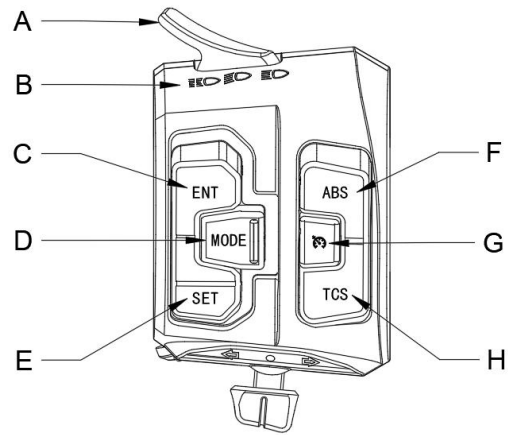
**SEL**  
About description and setting



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# Operation Switch Function Introduction

## Introduction to the Left Operation Switch



### A Overtaking High/Low Beam Switch

The middle position is the low beam, pressing down activates the overtaking light, and pushing up activates the high beam



### B Overtaking High/Low Beam Icon

This icon is non-transparent, with white character color



### C ENT Key

After entering the instrument function settings page, this key serves as the selection key



### D MODE Key

Press once to enter the vehicle interconnection page. Press and hold for 3 seconds to enter the function settings page. In the function settings, this key acts as the confirmation and exit key



### E SET Key

After entering the instrument function settings page, this key serves as the page up/down key



### F ABS Switch

Press briefly to turn ABS on/off



### G Cruise Control Switch

When the lane exceeds 3 km/h, press this switch to enter cruise mode. Press again to deactivate



### H TCS Switch

Press briefly to turn TCS on/off



### I Left Turn Signal Icon

This icon is non-transparent, with white character color



### J Left/Right Turn Signal Switch

Turn the switch to the left for the left turn signal to flash, turn to the right for the right turn signal to flash, and press down once to cancel the turn signal



### K Horn Switch

Press the switch to activate the horn, release to deactivate



### L Right Turn Signal Icon

This icon is non-transparent, with white character color



### M Horn Icon

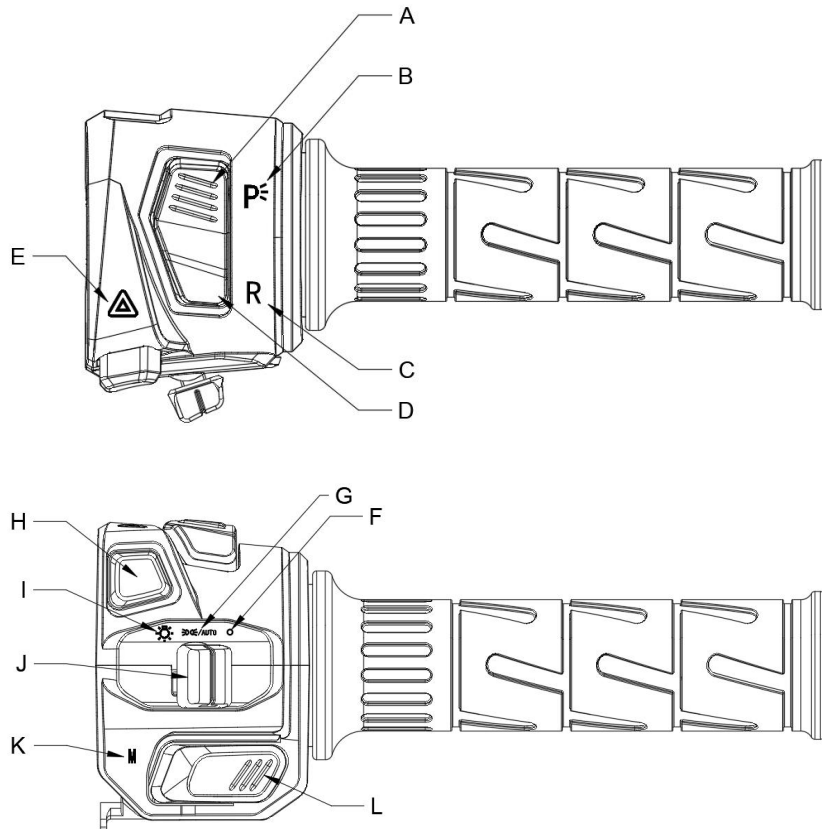
This icon is non-transparent, with white character color



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# Operation Switch Function Introduction

## Introduction to the Right Operation Switch



### A P Gear Release Switch

Press down once to release the gear, press again to enter P gear



### B P Gear Icon

This icon does not light up, with white character color



### C Reverse Gear Icon

This icon does not light up, with white character color



### D Reverse Switch

Press and hold the switch down, and the vehicle will automatically reverse. Release the switch to stop reversing



### E Hazard Light Icon

This icon does not light up, with white character color



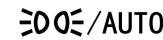
### F Headlight Switch Off Icon

This icon does not light up, with white character color



### G Parking Light/Auto Headlight Icon

This icon does not light up, with white character color



### H Hazard Light Switch

Press to lock and activate the hazard lights



### I Headlight Icon

This icon does not light up, with white character color



### J Headlight Switch

Push to the left to enter the middle position for auto headlights (activated based on the display screen). Push again to turn on the headlights. (Default not available with this switch)



### K Gear Shift Icon

This icon does not light up, with white character color



### L Gear Shift Switch

After releasing P gear, the default is gear 2. Press once to enter gear 3, press again to enter gear 1



**Special Note:** This switch is the new version and is used alongside the old version. The actual installed version on the vehicle shall prevail.

# Speedometer Icon Explanation

## New UI Interface Icons

Press SET briefly to enter the submenu. When the SET key is not pressed, the submenu is grayed out. After selection, it becomes highlighted. In the submenu, unselected items (not confirmed by pressing SET) remain gray, while selected items are highlighted:

- 1. Interface Switching:** Use the cursor to select Interface Switching, press SET briefly, and the cursor moves to the right submenu. Then press SET briefly to switch between Auto - Blackboard - Daytime interfaces. Press MODE briefly to save and exit to the previous option.
- 2. Date/Clock Setting:** Use the cursor to select Clock Setting, press SET briefly, and the cursor moves to the right submenu. Press SET briefly to switch between hours and minutes. Press SET to adjust the time, and press MODE to save and exit to the previous option. (The clock is temporarily controlled by VCD; the instrument does not operate the clock.)
- 3. Backlight Setting:** Use the cursor to select Backlight Setting, press SET briefly, and the cursor moves to the right submenu. Press SET briefly to cycle through brightness levels: Auto-1-2-3-4-5-6. Press MODE to save and exit to the previous option.
- 4. Unit Setting:** Use the cursor to select Unit Setting, press SET briefly, and the cursor moves to the right submenu. Press SET briefly to switch between metric and imperial units. Press MODE to save and exit to the previous option.
- 5. Language Setting:** Use the cursor to select Language Setting, press SET briefly, and the cursor moves to the right submenu. Press SET briefly to switch between Chinese and English. Press MODE to save and exit to the previous option.
- 6. Vehicle Setting:** Select Vehicle, and the right submenu displays the software version number. (This option has no operational function.)
- 7. Phone Bluetooth:** Use the cursor to select Phone Bluetooth, press SET briefly, and the cursor moves to the right submenu. Press SET briefly to toggle Bluetooth on/off. Press MODE to save and exit to the previous option.

## Main UI Interface and Content

Icon	Meaning	Icon	Meaning
	Parking Light		Headlight
	Bluetooth		WiFi
	Motor Falut		Brake
	Cruise		Side Stand
	ABS		TCS Traction Control

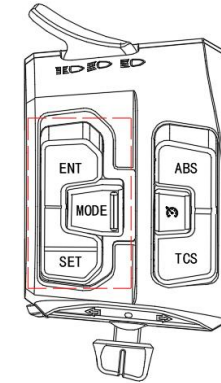
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# Speedometer Settings

## Introduction to New and Old Switch and Speedometer Setting Keys

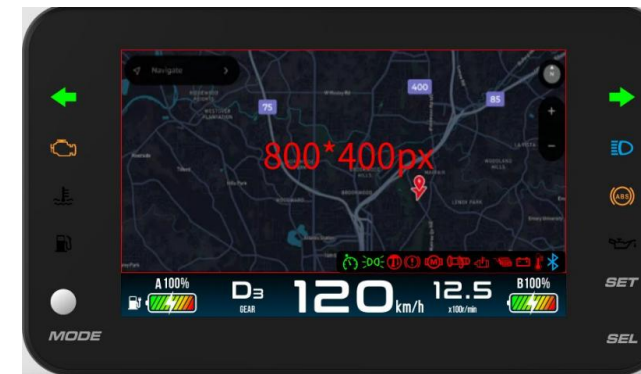
### Speedometer Touch Keys

Action	Main interface	Menu (Non-Projection)	Menu (Projection)
SET Short Press	Enter Navigation	Return to the previous level until the main interface	Return to the main interface
SET Long Press	Enter Menu	/	/
SEL Short Press	/	Next Item	/
SEL Long Press	/	Confirm	/



### Operation Switch Keys

Action	Main interface	Menu (Non-Projection)	Menu (Projection)
MODE Short Press	Enter Navigation	Return to the previous level until the main interface	Return to the main interface
MODE Long Press	Enter Menu	/	/
ENT Short Press	/	Confirm	/
SET Short Press	/	Next Item	/



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# Speedometer Interface Display

New UI Interface for Different Gear Displays

1- ECO Green; 2-Street Blue; 3-Sport Yellow



Driving Mode & Theme Color

Gear	Driving Mode	Theme Color
P	/	Green Theme
R	/	Green Theme
1	ECO	Green Theme
2	Street	Blue Theme
3	Sport	Yellow Theme

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# Speedometer Menu Setting

## Speedometer Menu-Interface Setting



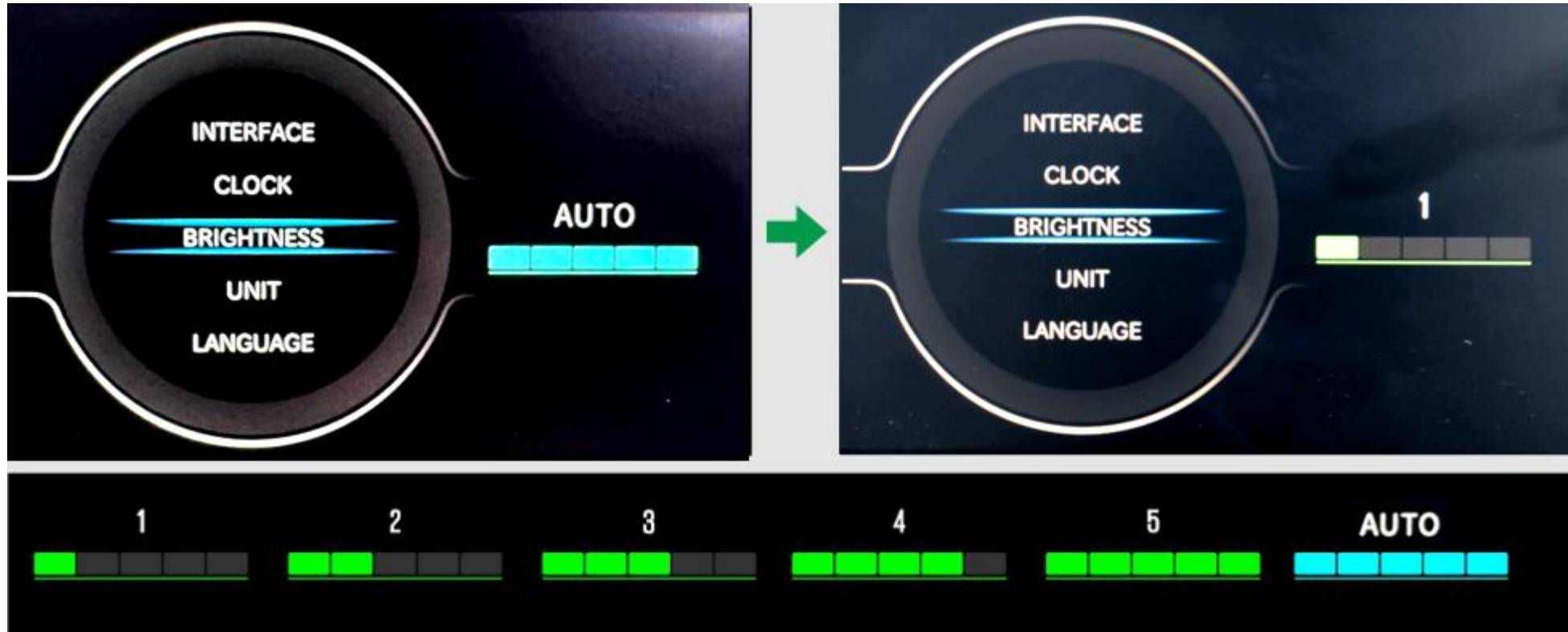
## Speedometer Menu-Time Setting



Press the MODE key or SET for 3 seconds to enter the function settings interface.

# Speedometer Menu Setting

Speedometer menu - Brightness setting



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## Speedometer Menu Setting

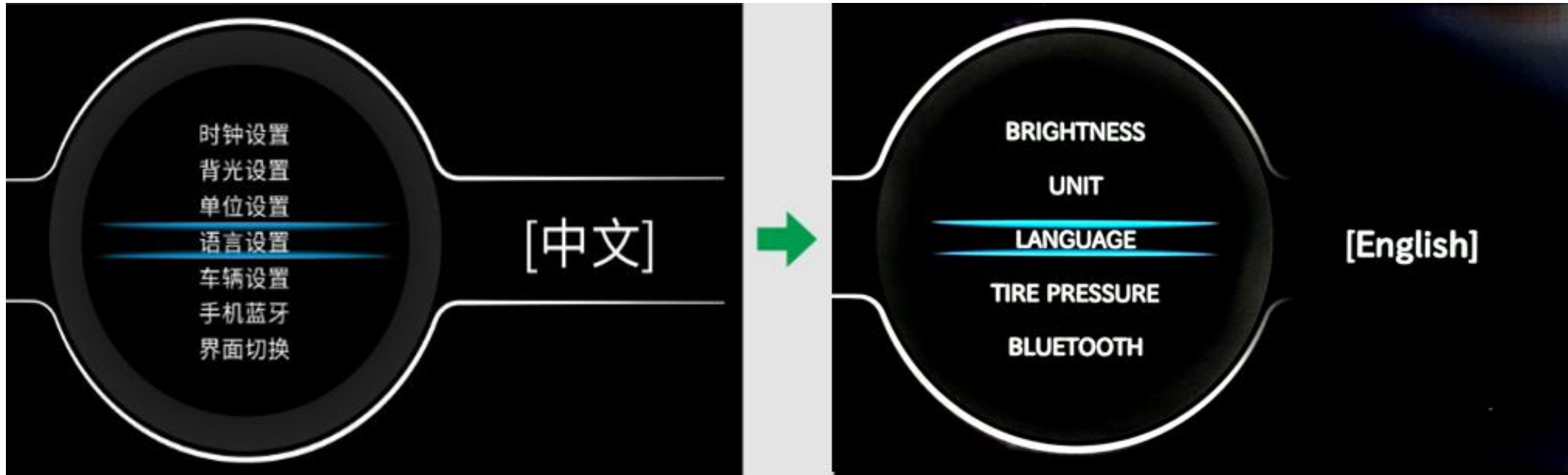
Speedometer menu - KM/M-MPH setting



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## Speedometer Menu Setting

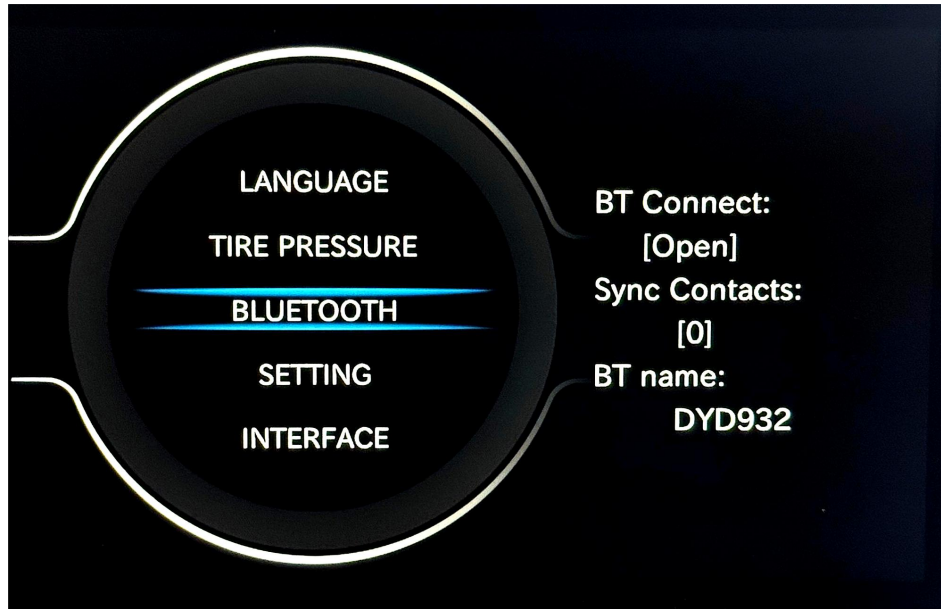
Speedometer menu - Language setting



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## Speedometer Menu Setting

Speedometer menu - Bluetooth connection setting

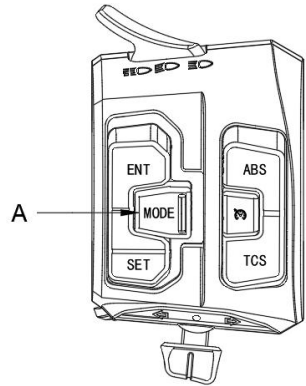


Speedometer menu - Vehicle fault codes and version numbers

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# Speedometer Menu Setting

Speedometer menu - Classic UI Connected



Night mode



Daylight mode



Press A MODE once to enter the interconnection interface

Mobile phone interconnection APP-Carbit Ride is a professional motorbike service platform (overseas version), users can conveniently achieve mobile phone and instrument interconnection functions through this APP. For example, mobile phone navigation information is displayed on the TFT instrument, which is convenient and intuitive at a glance. This document is universal. As different users have different needs, APP functions and user manuals can not - all, such as the majority of car enthusiasts in the implementation of the process, found that some of the processes on the manual impede the smooth progress of your work, we sincerely hope that you can put forward valuable advice! Your support is our unlimited power!

## 1.2 Performance

software has good ease of use and reliability, and to ensure the security and confidentiality of information.

## 1.3 Running environment

The software is compatible with Android system mobile phones, such as Huawei, Xiaomi, VIVO, OPPO, Meizu, Samsung, etc.; the software is compatible with iOS 9.0 or higher.

# Speedometer Interconnection Setting

## 1.4 Software Installation

The QR code of the navigation interface on the scanner table or search 'Carbit Ride' in 'Google Play', please click 'Install' accordingly. '→ 'Installation Successful'.



# Speedometer Interconnection Setting

## mobile phone connection

To open Carbit Ride, please click on the red box in the picture and follow the steps to sign in to your Google account. There may be some slight differences in the interface or operation of different mobile phones, please follow the instructions on your mobile phone (Note: Signing up for a Google account requires that your mobile phone has access to overseas internet).

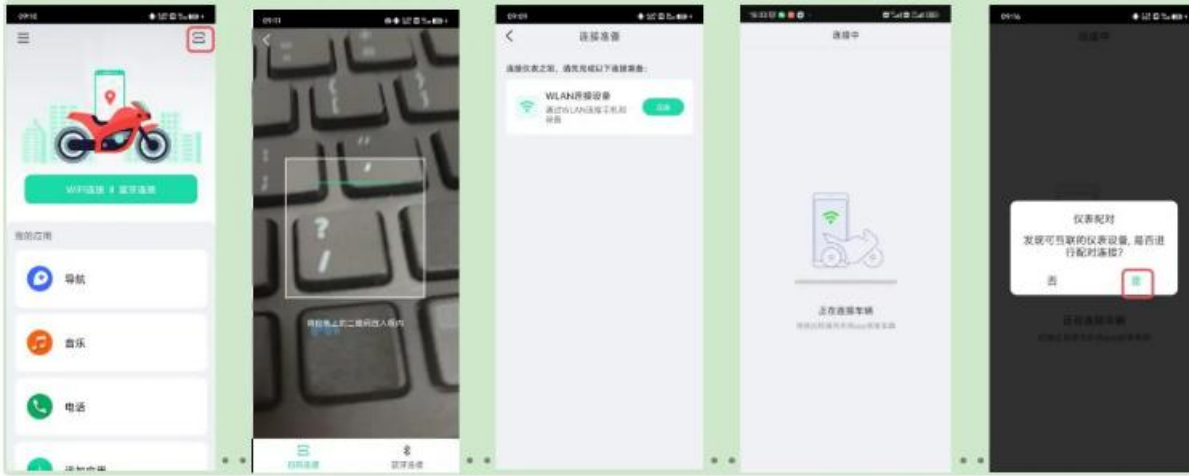


Press A MODE key or meter SET for 3 seconds to enter the function setting interface

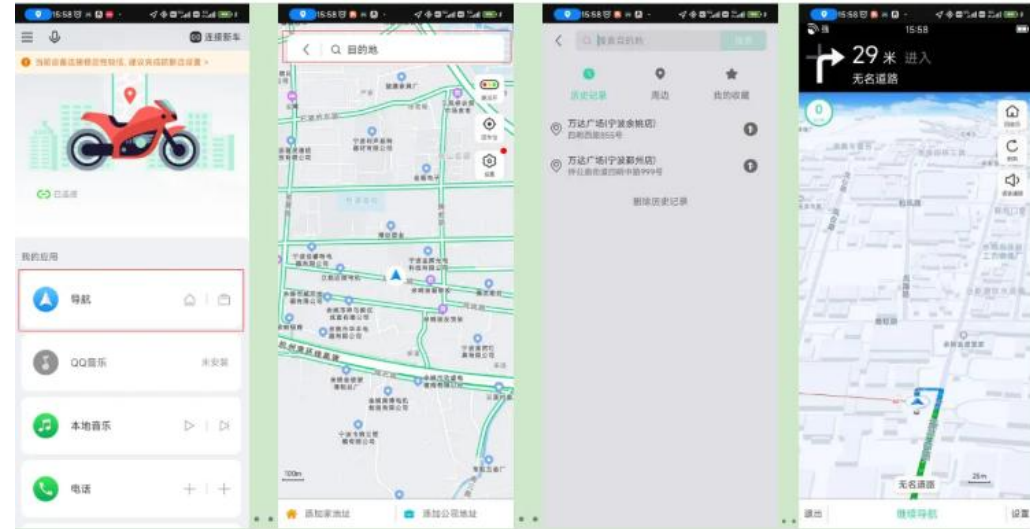
Adjust instrument-related settings via the instrument menu to optimise the driving experience. For safety reasons, it is recommended that owners park their vehicles in a safe place to make the gauge menu settings.

## Speedometer Interconnection Setting

2.3.2 Enter Carbit Ride on your phone, click on the QR code icon in the upper right corner, and the phone will display a QR code scanning interface. Scan the QR code in the upper left corner of the instrument panel to connect. The operation steps are shown in the following figure:



2.3.3 After successful connection, the APP can perform navigation operations (note: if the connection fails, restart the instrument panel, exit Carbit Ride, exit the background, and reconnect)



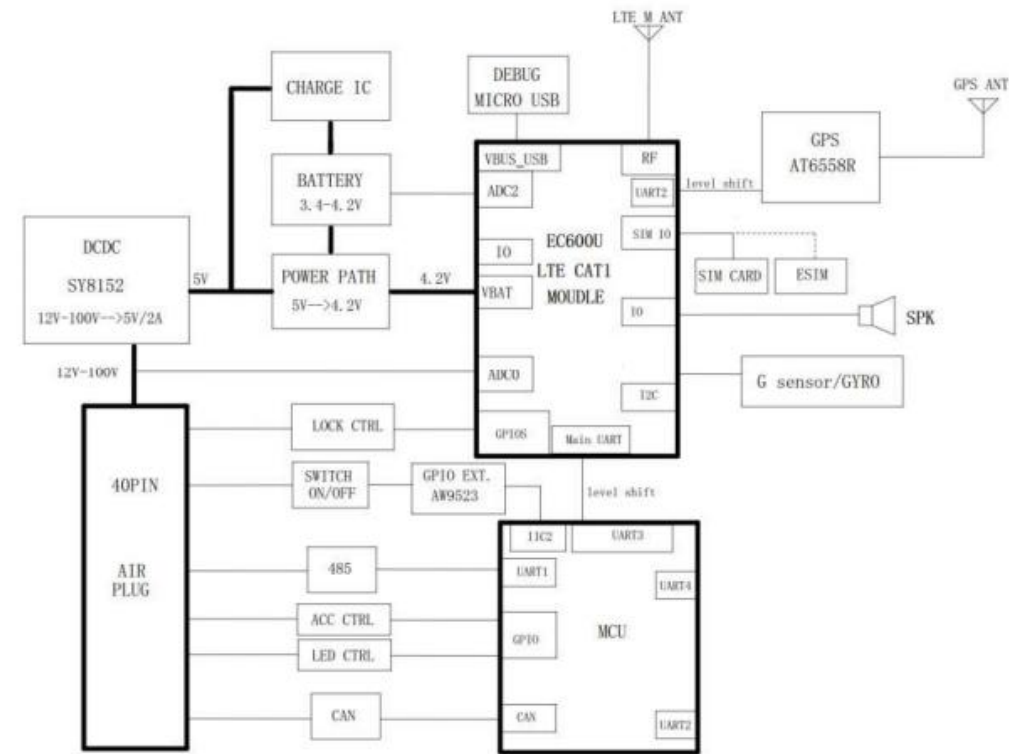
(Note: If the connection fails, reboot the meter, exit Carbit Ride, and exit the background, and just perform the connection operation again)

## Central control setup and use

This product is widely used in the national standard intelligent electric vehicle, respectively connected with the battery, controller and instrument. It is used for intelligent control and data transmission of electric vehicles. The product is used as the central control unit of the whole vehicle (referred to as central control):

**Built-in LTE CAT1 dual-mode module Huada Beidou high-precision positioning chip 485 communication CAN communication 315/433M or BLE Remote switch locks Remote switch locks can be equipped with a mobile phone APP, such as electrically driven tailgate locks, cushion locks, etc. Lamp control - turn signal double flash alarm function**

Mainly used for the transmission of communication of the whole vehicle, anti-theft alarm, information processing and transmission to the Internet through the communication module (LTE CAT1 network), information processing and transmission to the Internet. It is mainly used for communication transmission of the whole vehicle, anti-theft alarm, information processing and transmission to the server platform (cloud) on the Internet through the communication module (LTE CAT1 network), so as to real-time query the information of the whole vehicle as well as its status, riding track and parking position from the computer or mobile phone. Product Name: C8 Product Type: Intelligent Central Control ECU Product Specifications: 109.40mm\*58.00mm\*26.90mm



**Central Control Hardware Logic Diagram**

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