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DOOHAN Intelligent Electric Scooter

DH01 Intelligent Electric Scooter

Owner's Manual

Executive standard：168/2013/EU Q/ZGDQ·001

Zhejiang Doohan Technology Corp LTD

Preface

Thank you for purchasing the iTank intelligent electric scooter, distributed by SSR Motorsports. Before driving, please make yourself familiar with the contents of this manual. Your personal safety and security, not only depends on your own watchfulness and familiarity with the operative technology, but also is related to your familiarity with the mechanical properties of this three-wheel electric scooter.

Every time before driving, check the operational conditions of your electric scooter. If you require regular maintenance or repair, only SSR Motorsports authorized dealers will know how to handle the problems and ensure the product's optimum performance.

If you have relevant machinery technical knowledge and maintenance tools, you can purchase maintenance and repair parts from your local SSR Motorsports dealership.

This operating manual elaborates on the main points of correct operational approaches, simple maintenance and adjustment methods, of the DOOHAN iTank intelligent electric scooter, in order to expect its durable usage. If technical specifications change, parts of pictures or content in this manual may have some differences from model to model, please take this into account. The company reserves the right of final interpretation.

We hope you enjoy riding your Doohan iTank, once again thank you for purchasing a DOOHAN intelligent electric scooter.

Important notes

- Driver and passenger
- This scooter is designed for only one driver to operate. Never exceed the load weight provided in this manual.
- Road Conditions
- This scooter shall only be driven on the normal road. The scooter can be driven in the rain and snow, but cannot wade. When water floods in to the center shaft, it may cause the electrical components, batteries or other parts filled with water to fail. Consider all safety factors, please abide by traffic regulations, and slow down in the rain and snow and on slippery roads, increase braking distance to ensure safety when braking.
- Warnings on safety and environmental protection should be pasted on the middle of head back cover outside, glove compartment cover upside and back shelf upside (clearly visible before or during use).
- For the safety of others, please do not lend your scooter to those who do not have a driving license and lack of driving experience, this will also keep you from unnecessary damage.
- Please read this operation manual carefully.
- Please pay special attention to the WARNING notes within this owner’s manual.

Warning：

Means that if not abiding by the instructions in this manual, your operation may cause serious injury or death.

Attention：

Means that if not abiding by the instructions in this manual, your operation may cause injury to persons or machine part damage.

This manual shall be regarded as a permanent part of the three-wheel electric scooter. Even though the scooter is transferred to others, this manual shall be transferred also

Contents

I Safe Driving of Three-wheel Electric Scooter

Safe Driving Regulations

1. Many traffic accidents of three-wheel scooters are caused because car drivers fail to see intelligent electric scooter drivers, therefore, three-wheel electric scooter drivers should try to enable car drivers to see them clearly, for example:

※ Wearing bright-color clothes. Wear a safety helmet, also suitable protective glasses.

※ Avoid drivers blind spots, if you cannot see them in their mirror than they can see you in their mirror.

2. Many traffic accidents occur in road crossings, parking lot entrances and carriageways. Therefore, when driving across these places, drivers should be more cautious.

3. Speed is a major factor in many traffic accidents. Drivers should observe speed regulations, absolutely do not drive at excessive speeds.

4. Many accidents were closely related to the driving experience. Drivers who have just learned to drive should be familiar with every performance and operation of the scooter, before driving on the highway. Never lend your scooter to others who do not have a driving license and are lacking driving experience.

5. Drivers should avoid driving through rugged roads, for which may lead to steering failure or body structure damage.

6. Before driving the scooter, detailed checks must be conducted carefully.

7. While driving, both hands must hold the handlebar, and both feet firmly placed on the floorboards.

8. While driving, calling or answering the phone, as the main cause of inattention, is likely to cause traffic accidents. Please stop your scooter first, then call or answer the phone.

9. Changing lanes obtrusively is one of the main causes of traffic accidents. If the driver needs to change lanes, please use your turn signal in advance, observe the vehicles behind you, and then change lanes after confirming it is safe.

Load

※Warning：

Glove compartment, shelves and other storage facilities, can only be carry lighter objects.
Weight of carried objects should not exceed the stipulated value in table 1.

Table 1

Storage Compartment	Weight
Glove compartment	20kg

※When calculating the scooter's load-carrying capacity (maximum 150 kg) and estimating whether or not it’s overloaded, the weight of all goods contained on the scooter, the driver and crew should all be added up.

※If the scooter is overloaded, it will affect its stability and operations.

※All objects mounted on the scooter should be fastened tightly.

II Location schematic of every machine part and operation manual

Diagram sketch of components and parts

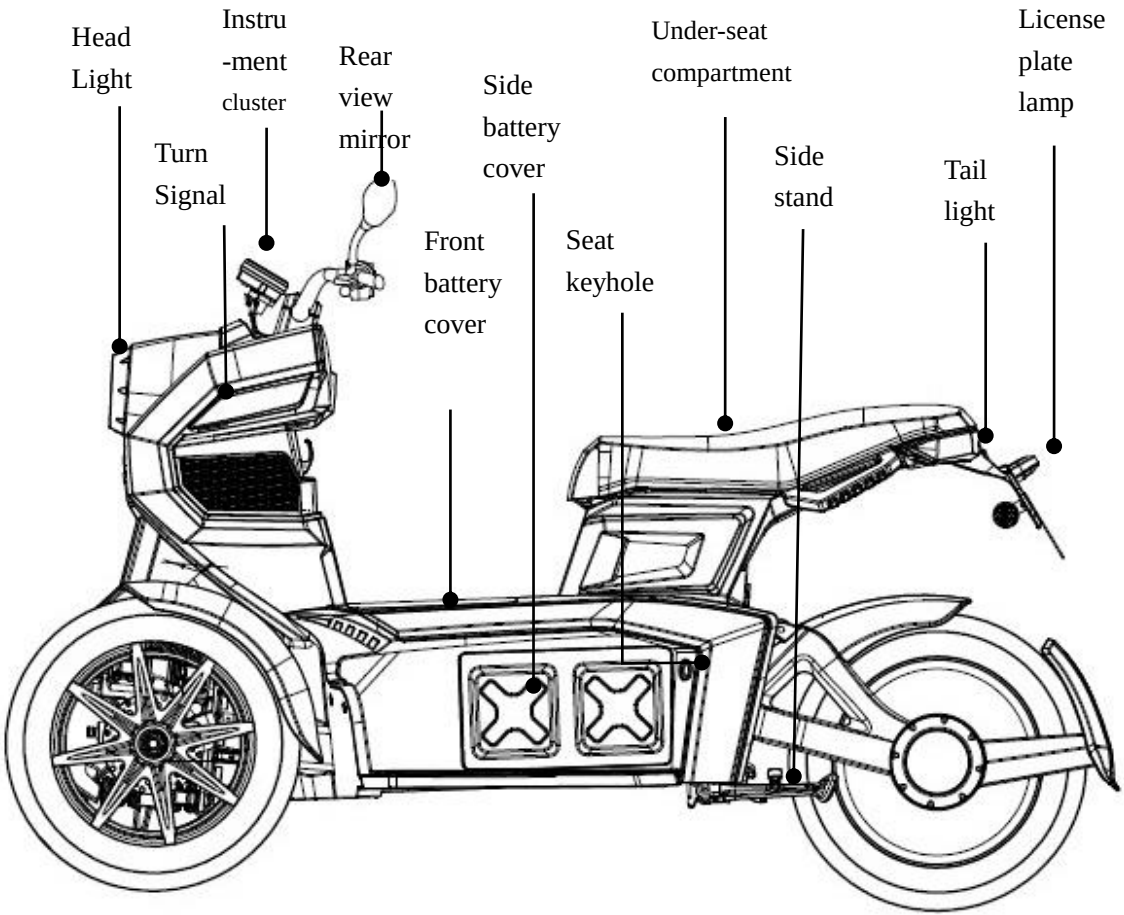
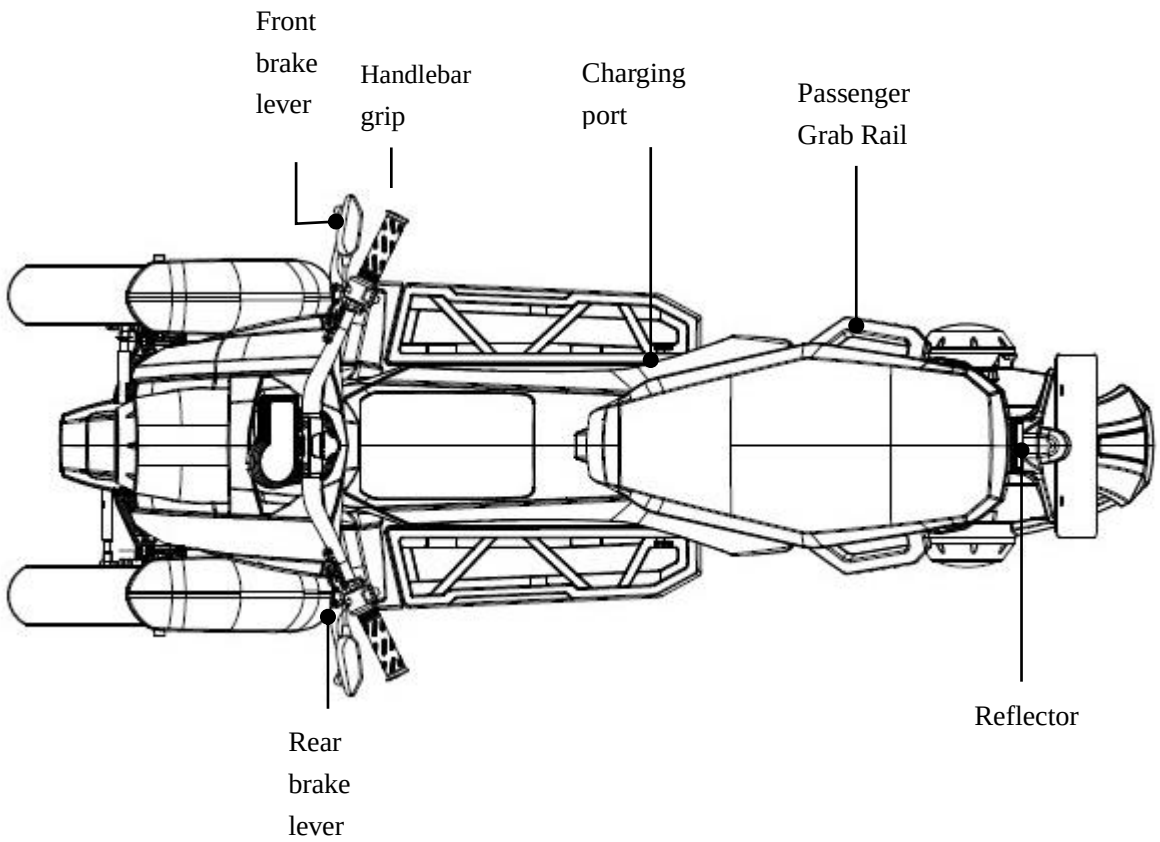
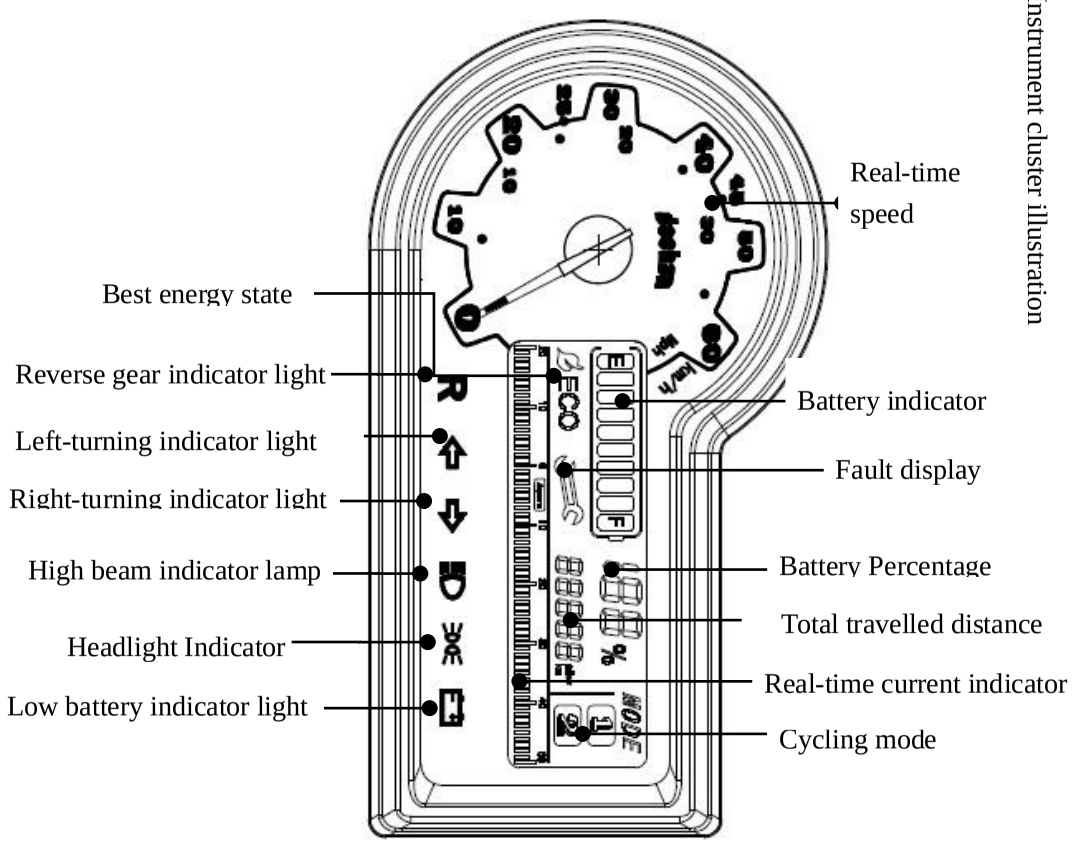


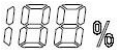
Diagram sketch of components and parts




Real-time speed
Best energy state
Reverse gear indicator light
Battery indicator
Left-turning indicator light
Fault display
Right-turning indicator light
Battery Percentage
High beam indicator lamp
Total travelled distance
Headlight Indicator
Real-time current indicator
Low battery indicator light
Cycling mode
ECO
R
MODE

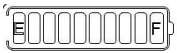
Icon illustration

	Left Turn Signal Indicator	Light up left-turning light
	Right Turn Signal Indicator	Light up right-turning light
	High beam Indicator Light	Light up high beam indicator lamp
	Headlight Indicator	Light up sidelight of the front and back
	Low Battery Indicator Light	Electric quantity of battery is lower than 30%
R	Reverse Gear Indicator Light	The motorcycle is in reverse gear state
	Best Energy State	Best energy savings mode
	Cycling mode	Transmission Gear
	Real-time Speed	MPH/KPH Indicator



Battery Percentage It shows the current battery percentage.

Fault display Lights up if unit is experiencing a failure.



Battery indicator Shows the current battery charge level, and per grid represents the 10% of full battery.

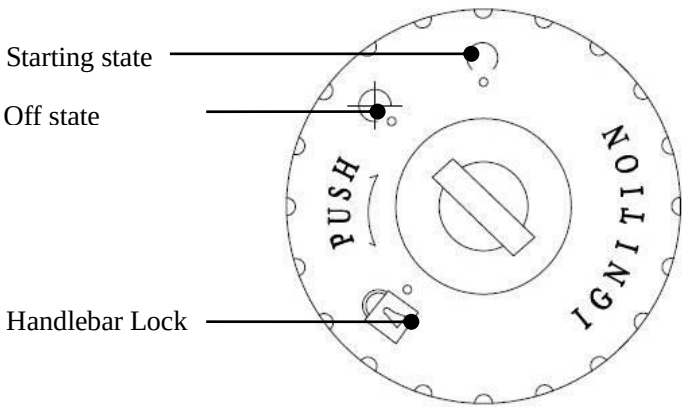
Low battery

Full battery

total travelled distance Shows the total travelled distance of the scooter.

Real-time current indicator According to the changes of real-time current value, it shows the condition of controller real-time power output.

Ignition Switch：



△ Start Up Operation:

Hit the unlock key on the remote control, and unlock successfully.

After the confirmation of successful unlock, insert the key and turn to the “ ” position. After that, the scooter can be operated and keys cannot be pulled out.

When the self-test of the system is complete, it enters a waiting state.

Hold the brake handle, lift the kick stand, let go of the brakes when driving.

Right combination switches:

1. Reverse Switch：

Switch to R for reverse, switch to D for moving forward

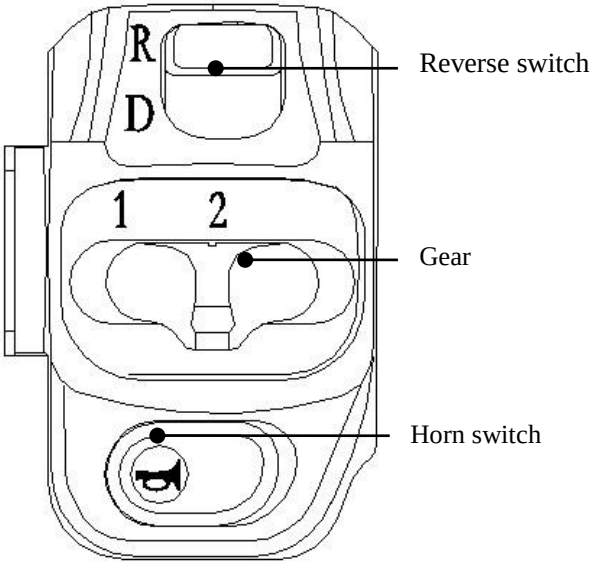
2. Gear switch：

1 is the low gear 25km/h, and 2 is high gear 45km/h.

Gear switches can be used to interchange 25km/h and 45km/h.

3. Horn switch：

Press down this button, the horn will sound.



Left combination switches：

1**. Headlight dimmer switch：**

Press down "≣D" to turn on the headlight high beam light; Press down "≣D"to light up the low beam headlight.

2． Overtake indicator light button

Press this button when high beam is on to temporarily use the low beam only.

3. Turning indicator lights button：

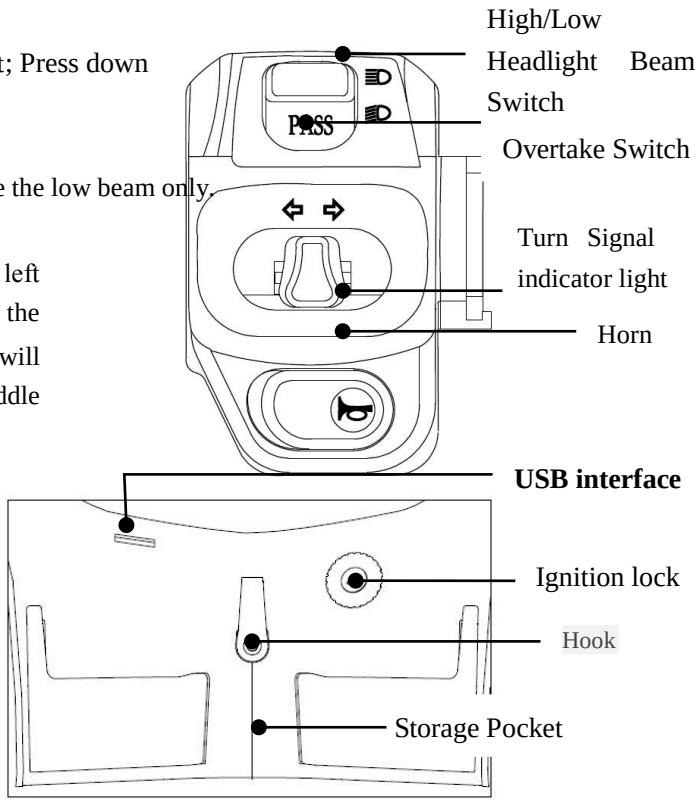
Turn left if the button is placed in "⇦"position, and the left turn signal will light up at the same time. Turn right if the button is placed in the iron"⇨, and the right turn signal will light up at the same time. Press the button in the middle position and the turn signal will turn off.

4. Horn switch：

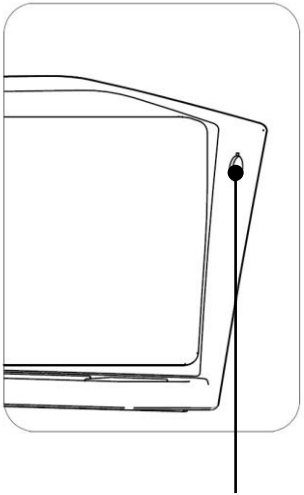
Press down this button, the horn will beep immediately.

△ Behind the handlebars

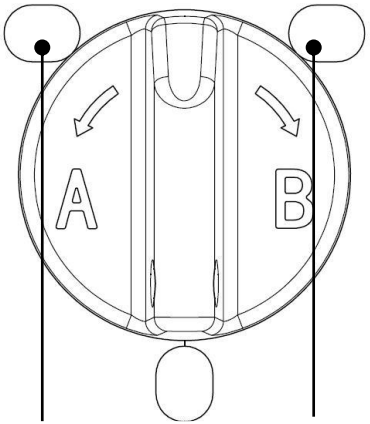
Remark：USB interface must not be used for any electrical appliances except phone chargers. Otherwise, the factory shall not be responsible for any damage the occurs.



Battery Compartment Operation



Keyhole for Seat Latch



Open side battery compartment

Open front battery compartment

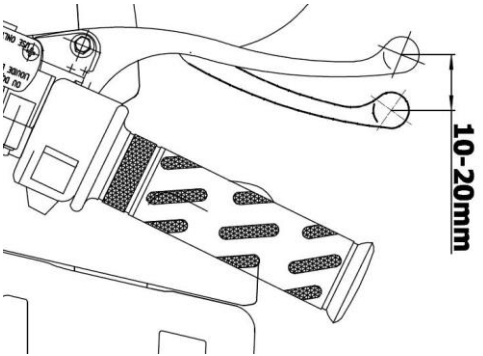
① Opening the seat compartment: insert the key into the keyhole for the seat latch, and turn the key to the right.

② Open seat compartment: rotate the battery compartment knob to the corresponding position along the direction of B to open the front battery compartment, and rotate along the corresponding direction of A to open the side battery compartment lock.

III、Daily Inspection and Adjustment

Check before driving:

Before driving the scooter, drivers should make a routine inspection of the intelligent electric scooter to ensure adequte performance of the scooter and to ensure safe driving.



Brake handle free stroke:

Appropriate clearance is necessary for the brake handles, and normal clearance should in the range of 10 to 20 millimeters.

Fluid pressure type brake system

Brake fluid inspection:

（1）Straighten the handlebars, and check the brake fluid in the master cylinder tank. The brake fluid must be maintained between the upper and lower mark limits.

（2）Check the brake pad wear when brake fluid is reduced to the lower limit label mark.

（3）If the brake pads are abraded, and the brake fluid does not exceed the limitation, usually it indicates that a brake fluid leak exists. Please seek an inspection and repair service from a dealership.

（4）Brake Fluid：DOT3 or DOT4

Notice: Once brake maintenance is required, owners should take their scooters to an authorized SSR dealership for repairs. All special maintenance departments have trained technical personnel responsible for maintenance and repair. The scooter parts can only be changed with real original parts from the manufacturer.

Tires

The tire pressure should be inspected and adjusted routinely.

- Check the tire pressure only after the tires have cooled.
- Check often whether there are punctures in the tires, tires need to be repaired immediately when tire air leakage occurs.
- Check whether there are cut marks, staples, nails or other sharp objects in the tire surfaces. Check whether or not the indentation, indenture or distortion of rims exists. If any damage has been noted, please contact a maintenance department for inspection.
- If the tire tread patterns are worn to the tread wear indicators, new tires should be installed.

Warning:

- Low tire pressure can cause rapid tire wear and may cause accidents because of that. While extremely low tire pressure can cause tire slip or un-beading from rims.
- It is extremely dangerous to use seriously worn tires, which would impact the adhesive forces between tires and the road surface, and even cause accidents. Tires need to be replaced with new when the central tread pattern depth of the tires reaches the stipulation in table 1.

Table 1

Minimum tread pattern depth		Tire Pressure
front tire	1.5 mm	36 psi
rear tire	2.0 mm	36 psi

Left-turning light, right-turning light, and the tail lamp

Left-turning light, right-turning light, and the tail lamp can normally work or not. If not, it should be replaced before use.

Horn

The horn can normally beep or not, if not, it should be adjusted or replaced before use.

Turning handle

Speed regulation of turning handle is effective and even or not and can automatically return or not.

IV、Operation guidance

1. Starting: hold the handlebar with both hands, sit on the scooter from the left side and sit on the saddle with the side stand against ground, turn the power switch to the ON position and rotate the handlebar in the direction of the rider gradually instead of rotating rapidly it to maximum.

Warning:

Do not twist the throttle while not seated on the scooters saddle, this could lead to the scooter taking off rapidly and could lead to injuries or accidents.

2. Riding: obey the traffic rules, control the speed within 45km/h and operate the parts accurately according to the riding environment.

Warning:

It is not advised to wear loose or baggy clothes when riding, otherwise the loose sleeves or trouser legs may hook the braking handles or side stand parts.

Do not install accessories that do not comply with local or federal safety standards as these could void your warranty and/or lead to accidents or tickets.

3. Parking

① Rotate the key counter clockwise after you have reached the destination and the entire scooter will be powered off, then remove the key.

② Make sure that the side stand is moved to the down position and the scooter is leaned to the left. Turn the handlebars to the left, rotate the key counter clockwise and remove the key. Now the handlebars cannot be turned and the ignition is in the off position.

4. Locking (Alarm)

Lock the alarm system only after the key has been removed and the handlebars locked. Press the “lock” key within the effective distance after the scooter is parked and after the ignition switch has been off for several seconds and the scooter locked successfully.

5. Looking for your scooter

Press the “bell icon” on the key fob and the turn signals will blink for ten seconds, in case of no-operation, the horn functions for ten seconds which can be turned off by lock key or unlock key. Unlock the handlebars and board the scooter with the brake handles clenched, support the ground with right leg first, turn the power lock to OFF then support the scooter with the side stand.

Prevention of burglary key points

- Lock the handlebars and never leave the key in the power keyhole.
- Park the motorcycle in a garage with lock if possible.
- Adopt additional anti-theft device of high quality.

6. Braking operation

(1) Control speed

This is very significant that in the case of speed reduction of the intelligent electric scooter, control the operation, operate the front and rear brakes equally.

Warning: when riding on wet or loose gravel roads or on a rainy day, pay more attention to the distances needed to safely stop.

（2）Concurrent operation of the front and rear brakes

Attention: when riding on a steep slope, return the handlebar completely, use the front and rear brakes to reduce the speed. Avoid successively operating the brakes, otherwise the brakes will heat too much result in reduced braking effect.

Warning: do not solely use the front brake or rear brake when riding on wet roads or curved roads at medium and high speed, use both brakes at the same time lest should lead to sideslip accidents.

7. Charging

Scooter charging

① Remove the scooter charging port cover by turning the cover, insert the charging plug into the recharge socket until you hear a “click” which means that the charging plug has connected with the socket, then connect the charger’s input with an electrical supply. The indicator light turns green to red means it starts charging and on the contrary, it is fully charged.

② The instrument cluster displays the current electric quantity when turning the power on while charging.

Extra position charging

Open the battery compartments (see specific methods in graphic illustration set forth above)

Remove the battery from the scooter.

Insert the charging plug into the recharge socket until you hear “click” which means that the charging plug has connected with the socket, then connect the charger input with an electrical supply. The indicator light turns green to red means it starts charging and on the contrary, it is fully charged.

Attention:

If the batteries cannot be fully charged after more than 10 hours of charging, please stop charging and contact an authorized dealership for maintenance.

In order to expand the batteries' maximum service life, use it within the scope of batteries quantity between 20%-80% if possible.

Please do not store the batteries in a place with a temperature of 104F or above which may lead to irreversible capacity decreases.

The lithium battery capacity may fade inordinately at low temperatures. Specific reference degrees: available capacity is 70% at 14F, 80% at 32F and 100% at 77F.

The most suitable electric quantity for battery storage is 50%. Long-term storage with electric quantity of less than 10% or more than 90% may lead to irreversible capacity fading. In the case of long-term battery storage, please maintain the batteries in 14F to 86F and conduct a complete charge-discharge cycling every two months which could reduce the storage attenuation at the most extent.

Avoid storing the batteries in places where they are in risk of falling, provided that battery falling could lead to uncontrolled damage inside the batteries and result in batteries leaking, heating, and smoking, even fire or explosion.

V、Maintenance and repair

In order to extend the scooter's service life and have a safe and comfortable ride, please check and maintain your three-wheel electric scooter regularly even if it has been sitting for a long time.

1．Scheduled maintenance and repair

It is required to have the first maintenance performed after one month or 300 miles from the purchase date and return to an authorized service department for complete maintenance and inspection every six months or 2,000 miles after that, which can maintain your scooter in best safety state and ensure the safety of the rider as well as the scooter.

Attention:

In case of full load, over load, high speed driving or riding on dusty roads, uphill or downhill usage states, please reduce the maintenance period.

Please use original parts when performing maintenance, which are produced with good materials and have passed the strict examination with guarantee of quality and service life, can ensure the scooter is in the best state and your traffic safety, as well as normal after service.

Routine maintenance

In the case of abnormalities, which require cleaning, maintenance or replacement, refer to simple maintenance methods or return to the dealer for inspection.

Warning: for your own safety, in the event that you cannot repair or adjust the scooter, please return to the dealer for maintenance.
Please repair and adjust the scooter on flat ground with the side stand up, if it is necessary to check while riding, pay attention to traffic safety.

2．Scooter cleaning

Please clean the scooter with a motorcycle/scooter spray cleaner and scrub it with a soft cloth, avoid using water only when necessary and only use water on non-electrical components.

Warning:
When cleaning, please turn the power off and remove the key prior to pulling the plug;
Please do not get water into either side of the battery holder and avoid getting water on the charger and controller parts, which are in the side cover above the back wheel lest they are broken down with water flowed in.
There is high AC voltage in the charger, if the charger gets wet when cleaning, the water may flow into the charger. To avoid electric shock please do not charge directly until it is dry. It is advised to go to the maintenance points for checking and drive after the confirmation.

<table>
<tr><td colspan="4">Periodic Maintenance and Inspection Items</td></tr>
<tr><td rowspan="6">Regular safety and performance inspection</td><td>Brakes</td><td rowspan="4">Construction check</td><td>Wheel bearing</td></tr>
<tr><td>Headlight</td><td>Shock absorber</td></tr>
<tr><td>Horn</td><td>Side Stand</td></tr>
<tr><td>Electronic parts</td><td>Steering bearings</td></tr>
<tr><td>Fuse wire</td><td rowspan="3">Major parts</td><td>Battery</td></tr>
<tr><td>Tires</td><td>Main harness</td></tr>
<tr><td>Construction check</td><td>Lubrication</td><td>Control system</td></tr>
</table>

3. Tips for the usage of the whole scooter

1. Please twist the throttle evenly when starting, avoiding speeding up rapidly, to ensure driving safety and to protect the motor and batteries at the same time.

2. Please ride at low-speed or walk the scooter when running uphill, upwind, muddy roads or with heavy loads, which can avoid batteries high current discharge, increase the distance per charge and extend the battery service life.

3. Please switch the power OFF and remove the key before leaving.

4. Please develop the habit to release the throttle to the original position when braking; if the handle is still at the operating position, once the brake is released, the motor will receive electric current to revolve immediately which is not conducive to safety.

5. Although the intelligent electric scooter has a good rainproof capability, please avoid direct sun and

rain, lest the corrosion of motorcycle body or rotating parts; using in rainy day, the wheel hub should not be covered above the axle centerline, lest motor is broken due to water contamination.

6. Please scrub the scooter, clean the surface of the motor and other parts and keep clean; do not scour the electric parts and drive parts with water directly.

7. Try to avoid parking the scooter in a place with direct sunshine, high temperature and moist or parking outside in rainy day; moreover, protect the govern handle, battery holder and control box. Provided any of the above situations occurred, please test to ensure its normal prior to ride.

8. The front fork, epipodium and backshaft components should be lubricated (grease) regularly at least once a year and brake cables of front and back should be lubricated frequently to insure its dexterity.

9. Check before driving.

It is required to check the following items, which are very important, before driving the scooter.

Content inspection	extensive search
handlebar	1） Stationary 2） Flexible rotation 3） No axial float and loose
Braking	1） The brake lever has free play of 10-20mm. 2） The tire pressures are set to 36psi.
Tire	1） The tire pressures are normal 2） Adequate tire tread 3） Without cracks or wounds
Battery	Enough electric quantity for planned distance
Lamps	Operate all the lamps：Headlight, High Beam, Turn Signals...

Horn	Check the trumpet for abnormalities

10. The following items are advised for best driving range:

a. Try to reduce the times of braking and start under the condition of safety.

b. Speed up evenly at takeoff, keep at a low-speed of 20km/h when driving and release the throttle when braking.

c. Please walk the scooter when met with uphill, muddy or upwind road.

d. Do not overload.

11. The scooter has been checked out when delivered and unauthorized modification is not allowed, the factory will not be responsible for problems caused by unauthorized modifications.

12. Usage tips for the motor and controller:

1. Please do not speed up rapidly when taking off at zero speed or on uphills, muddy or upwind road, lest cause incremental losses of motor and accumulator.
2. Intelligent electric scooter is not suitable for use on bumpy or heavily damaged roads, which could cause bad contact among electric parts, please ride at low-speeds or walk it if meet with such roads.
3. Please maintain the motor and controller for the long-term by avoiding washing with water directly.
4. Do not disassemble the motor and controller without approval; in case of maintenance or replacement, please go to the local dealer.

4. Instruction for usage and maintenance of batteries

Battery usage environment

Please use the battery under the environment temperature of 14F ~ 113F.

Please keep the battery away from water or other liquids, which may cause battery leakage, heating,

and smoking, even fire or explosion.

Please keep the battery away from heat sources, naked flame, combustible and explosive gas, which may cause battery leaks, heating, and smoking, even fire or explosion.

If metal enters the battery holder, it may cause battery leakage, heating, and smoking, even fire or explosion.

If the batteries have a peculiar smell, emit heat or are out of shape, please cease using immediately, stay away from the battery and contact your local dealership.

Warning: Batteries are not among the items that can be repaired, if you have a problem with your battery please return to an authorized dealership.

5. Usage tips for the charger

1. Please charge the batteries under the environment temperature of 32F~95F
2. Please do not charge the batteries for more than 10 hours; otherwise, it will reduce the batteries' service life.
3. The batteries should be charged with the matched special charger installed on vehicle. When charging, insert the output plug of the charger into the scooter's outlet until you hear a "click" sound, which means the charging plug has been connected with the outlet, then insert the input plug of the charger into alternating current power supply. Moreover, when the batteries is fully charged, pull out the input plug prior to output plug, order of which is required.
4. In order to ventilate and dissipate heat, it is prohibited to cover anything on the charger and battery holder when charging.
5. The charger should be stored in dry and ventilated place and do not jolt or collide in case of carrying; otherwise, it will lead to breakdown.
6. A miniwatt AC voltage stabilizer is advised to be used in areas of voltage instability; otherwise, it may

cause the battery to undercharge or battery instability.

7. Do not disassemble the charger without approval; in case of replacement, please go to the local dealer or authorized dealership for replacement.

Attention:

1. When using the scooter, please ensure that the battery plug has been connected to the battery properly and you hear a "click" sound while insert the plug; otherwise, it may occur bad contact and affect riding.

2. The function of charging below 32F has turned off, please charge the battery under the environment temperature of above 32F.

Warning: using a non-original charger may cause battery leakage, heating, and smoking, even fire or explosion.

VI、 Common Fault and elimination methods

Reference Disposal Method for Common Fault		
Fault phenomenon	Fault cause	Elimination methods
Turn power on, but the entire scooter has no power output	1. Battery plug isn't inserted properly; 2. Key switch is broken; 3. Battery is dead. 4. Battery is breakdown 5. Blown fuse	1. Remove the key and reinsert the plug. 2. Replace electric door lock 3. Charge the battery 4. Replace the battery 5. Replace the fuse

Turn power on and twist the throttle, but the motor doesn't start	1. Low battery voltage 2. Half-hold the brake crank lead to activation of outage switch. 3. The scooter is not started. 4. The side stand is not up. 5. The governor handle is not reset. 6. The fault-indicating lamp is flickering.	1. Charge the battery 2. Do not hold the brake crank when start. 3. Refer to the "starting operation" section in manual. 4. Pull up the side stand. 5. Reset the governor handle. 6. Dispose according to the APP fault code.
Running speed is low or distance per charge is short	1. Low battery power 2. Low tire pressure 3. Too often braking and start or overload 4. Aged or normally damped batteries. 5. Under low-temperature environment, the charge-discharge capability weakens.	1. The charger is broken. 2. Check the tire pressure before using. 3. Develop good driving habits. 4. Replace the battery 5. Normal phenomenon
The batteries cannot be charged	Bad contact between charger plug and outlet or the charger is broken.	Check the plug for looseness or replace the charger.
Ceases when riding	Battery run out.	Charge the battery

Inquire APP fault of mobile phone and find out the reason through instrument fault indication	
Instrument display spanner	Conduct examination through mobile phone APP to know the fault reason or go to the maintenance point.

VII. Motorcycle Storage

Storage

Short-term Storage：

1）Please store the scooter on a flat surface with good ventilation and desiccation；

2）In order to insure the batteries' service life, please charge them to at least 50% prior to storing it；

3）Keep your scooter out of the sun and rain, which can help reduce damages or aging of the parts；

4）Please fully charge the battery when using after long-term storage；

5）When storing the scooter with the battery installed indoors, in an exhibition hall, storehouse or other safe place or transport them in short-distance by goods stocks, please turn the power off and remove the key, then disconnect the plug from the battery so as to avoid electrical fault.

Long-term Storage：

1）When long term stored, please turn the power off and remove the key, then disconnect the plug for the battery to disconnect the batteries' power supply circuit in order to prevent the battery from over discharge；

2）When long term stored, please conduct a complete charge-discharge cycle to the battery every two months and charge it to at least 50% prior to storage to increase service life；

3）Please completely charge when using after long-term storage；

4）Please check the various parts of the scooter for abnormalities prior to ride, if there are some abnormalities, send it back to the dealers for maintenance or inspection.

VIII、Vehicle Identification

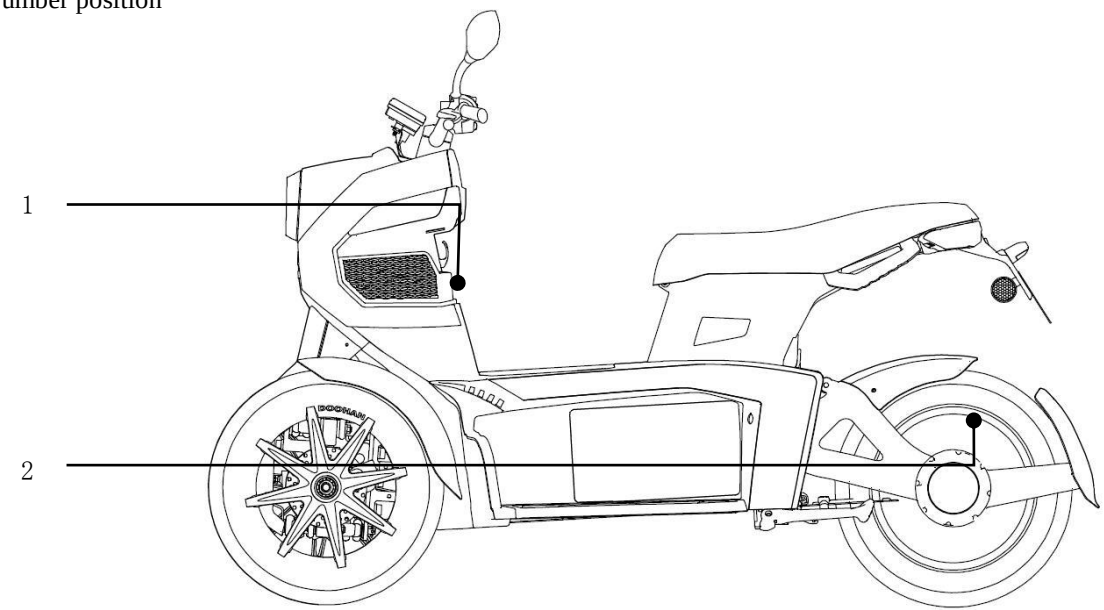
Vehicle model，number and label position of the products

The intelligent electric scooter VIN and Motor number are required to register the vehicle, receive a driving license and annual verification, as well as reparation or replacement of parts during the warranty period which the above numbers should be available to refer to.

The riveted on VIN plate of the product is on the right of the mounting plate.

1 VIN print position

2 Motor Number position



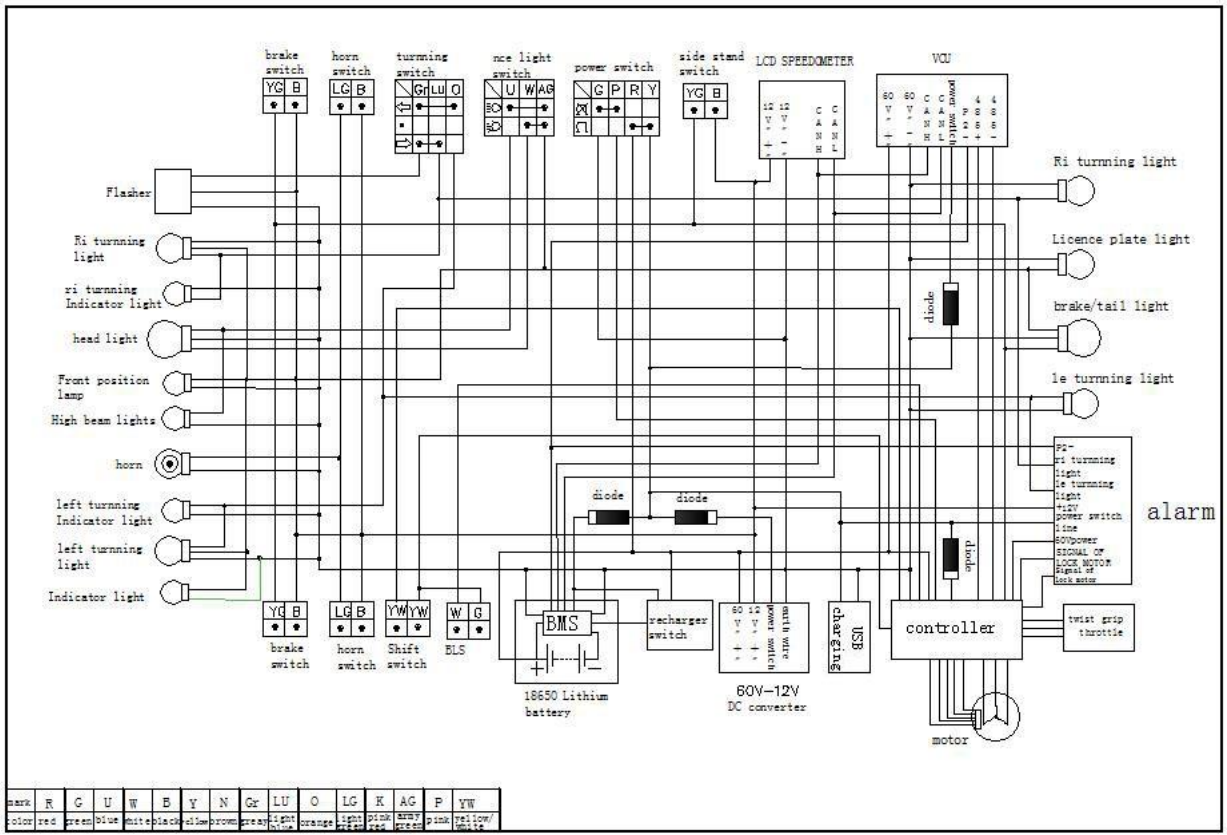
IX、Main technical data

Main dimensions			
vehicle length	1780mm	vehicle width	730mm
vehicle height	1030mm	Wheelbase	1250mm
Track front	460mm		
Main performance			
Curb weight	99kg	Designed maximum speed	First gear 25km/h Second gear 45km/h
Rated voltage	60V		
Maximum Payload	160kg	Braking distance（dry land）	≤2m(20km/h) ≤3.5m(30km/h)
Personnel quota	1 person		
Climbing ability	≤25%（Load 80KG）	Braking distance（wet land）	≤3m(20km/h) ≤4m(30km/h)
The standard power consumption	2KWh/100km(20km/h)		
Frame			
front shock absorber		Sleeve、Oil Damping Type	
rear shock absorber		Sleeve、Oil Damping Type	
Front tire Type		80/100-12×2	
Rear tire Type		120/70-12	
Front Brake Mode		160mm Rotor Double-piston Hydraulic Disc	
Rear Brake Mode		190mm Rotor Double-piston Hydraulic Disc	
Minimum Ground Clearance		130mm	

seat height	750mm
Max leaning angle	≤30°
Max steering angle	≤34°
Maximum Range of the Head in the Front Wheels	183mm
Battery system	
Battery type	18650 Ternary Lithium Battery
Voltage	60V
Capacity	26AH
Standard charge current	4A
Maximum discharge current	45A
Standard charge time	6H~7H
Longest Travel Distance	80KM（20km/h）
Power Capacity of Single Battery	2600mAh
Battery Weight	9KG
Charge and discharge of battery	600 times
Ambient temperature range of battery use	-4F to 140F
Ambient temperature range of battery storage	4F to 140F
Ambient temperature range of battery charging	32F to 113F
Battery protection system	Over discharge protection、short-circuit protection、temperature protection、overcharge protection、

	overcurrent protection、balance protection of battery
Cover plate material of the Battery Compartment	Aluminum plate
Power System	
Motor type	BOSCH
Motor controller	Sine wave controller
Rated power and rotate speed of motor	1500W/550rpm
Maximum power and rotate speed of motor	2350W/500rpm
Maximum torque and rotate speed of motor	117N·m/87rpm
Maximum recoverable energy	10%~15%
Maximum current of controller	45A
Motor energy utilization rate	88%
Others	
Headlamp	LED、5W
USB charging port	5V、1A

X、Electrical schematic diagram



mark	R	G	U	W	B	Y	N	Gr	LU	O	LG	K	AG	P	YW
color	red	green	blue	white	black	yellow	brown	gray	light blue	orange	light green	pink red	army green	pink	yellow/ white

XI. After-sales Service