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## **Preface**

Dear S1-2000W-A users:

Thank you for purchasing the Dofern S1-2000W-A. All our staff would like to thank you for your choice.

This manual mainly introduces you to the correct use, safety precautions, vehicle structure, operating instructions, simple inspection methods, etc., of the Dofern S1-2000W-A. Please read the manual carefully to obtain a comfortable and safer driving experience.

This manual, with illustrations, provides clear and simple operating instructions and covers simple maintenance operations and periodic checks performed by a dealer or authorized service station.

In addition to the operations described in this manual, for other maintenance operations that require special equipment or special skills, we strongly recommend the Dofern dealer or authorized service station to service your S1-2000W-A.

If there are other changes in the vehicle's style, structure, or related configuration, or if the manual's photos, pictures, and descriptions differ from the exact product, the actual product shall prevail without prior notice.

## **Safe Riding Instructions**

Please read and observe the following safety precautions before riding the S1-2000W-A. Be a responsible vehicle owner for your and others' safety.

You must pass the traffic management department examination and obtain a driver's license before riding the S1-2000W-A. Riding S1-2000W-A without a license is strictly prohibited. Please do not ride the S1-2000W-A without carefully reading the instruction manual and understanding its performance. It is strictly forbidden to lend the S1-2000W-A to a person who does not have a driver's license and is unfamiliar with its performance.

Under all circumstances, when riding the S1-2000W-A, be sure to wear a qualified safety helmet and buckle it properly. It is strongly recommended that the S1-2000W-A riders wear appropriate protective clothing and goggles and not carry loose items when moving.

Be sure to obey traffic signs and speed limits and use signals while riding.

Do not ride S1-2000W-A under the influence of drugs or alcohol or if you are tired or lethargic.

Be careful and slow down on wet or slippery surfaces and unfamiliar terrain.

Do not overload S1-2000W-A.

Do not hang objects on the handlebars when riding the vehicle to avoid getting involved in the wheel. Doing so can cause the S1-2000W-A to overturn and injure the rider.

Do not install components that Dofern does not approve.

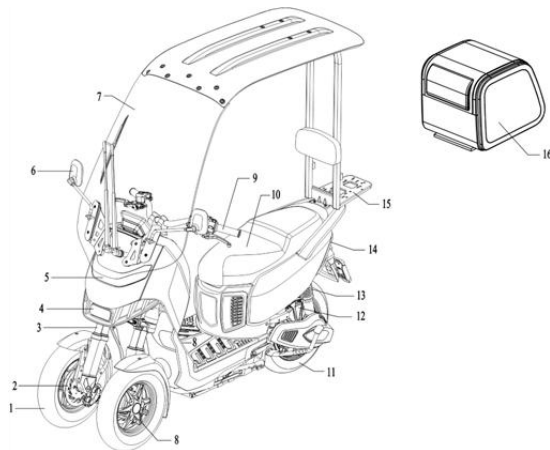
Failure to comply with the above warnings will result in an accident, causing severe injury or even death.

Please use unleaded gasoline only.

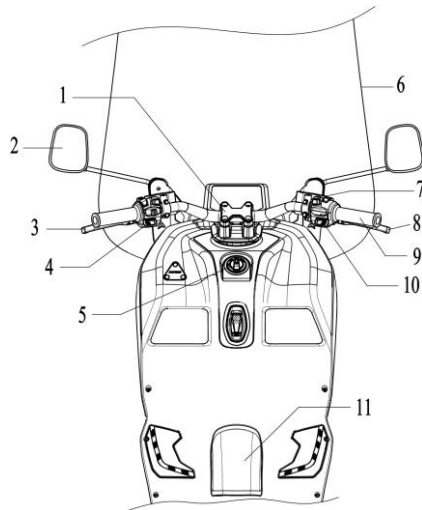


A safety WARNING sign indicates that you should be careful! As it may affect your safety.

## Vehicle Structure

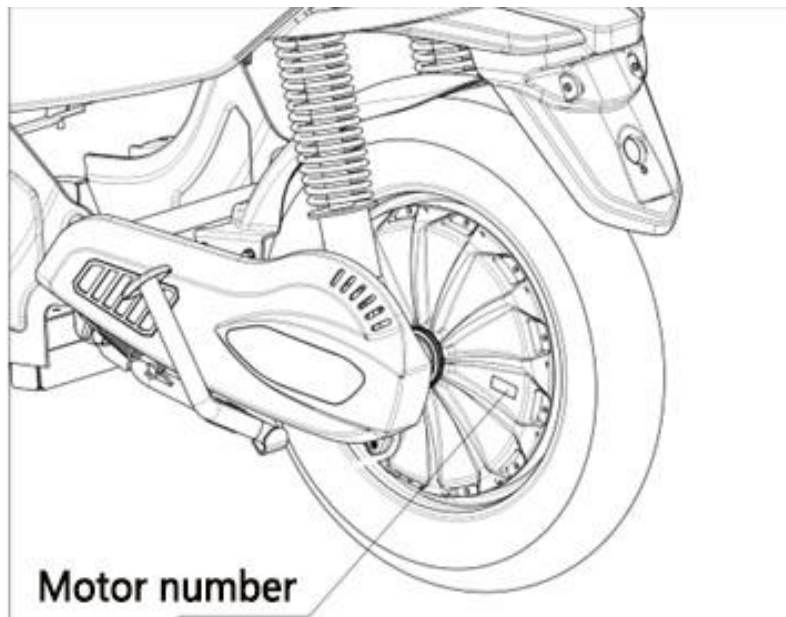


1、 Front tire 2、 Front disc brake 3、 Front shock absorber 4、 Front headlight 5、 Front turn signal  
6、 Rearview mirror 7、 Windshield 8、 Front rim 9、 Handlebar 10、 Seat cushion 11、 Rear tire  
12、 Rear wheel hub 13、 Rear shock absorber 14、 Rear taillight 15、 Tailgate bracket 16、 Rear  
tailgate (optional)

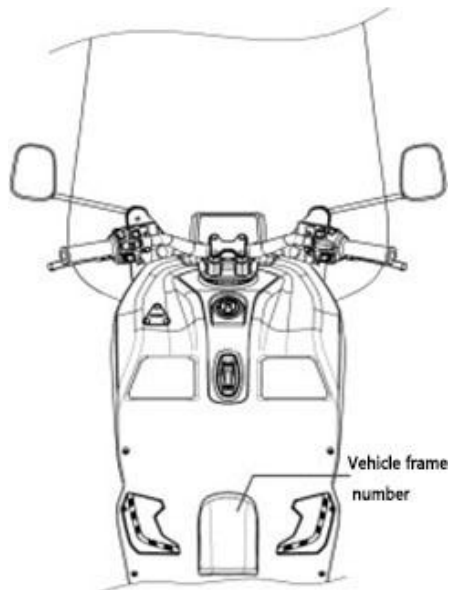


1、 Steering handle holder 2、 Rearview mirror 3、 Rear brake handle 4、 Left handlebar switch 5、 Ignition lock 6、 Windshield 7、 Brake oil cup 8、 Front brake handle 9、 Speed control handle 10、 Right handlebar switch 11、 Charge port cover

## Motor Number Chart



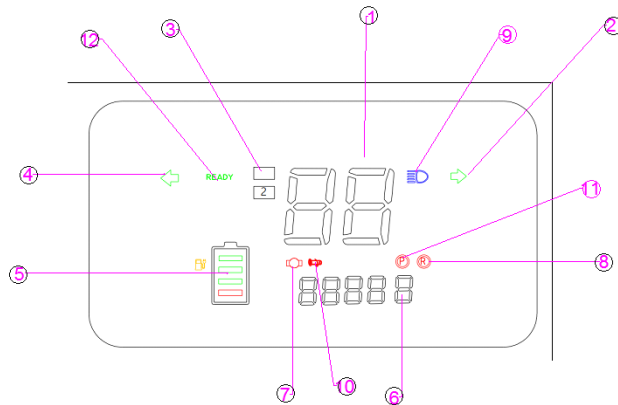
## Frame Number Chart





# Operating Instructions

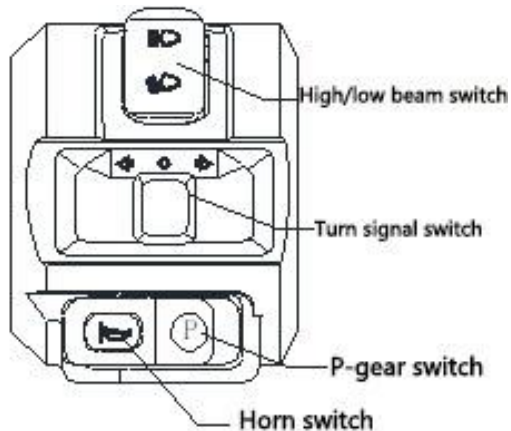
## 1> Instrument Panel



1、 Speed 2、 Right steering 3、 Gear 4、 Left steering 5、 Battery power 6、 Mileage display 7、 Motor failure 8、 Reverse gear 9、 High beam 10、 Turning handle failure 11、 P mode 12、 Drivable sign

## 2> Left and Right Combination Switch

Left combination switch



### **Left combination switch**

High/low beam switch: After turning on the right master switch, press forward to turn on the high beam and press backward to turn on the low beam.

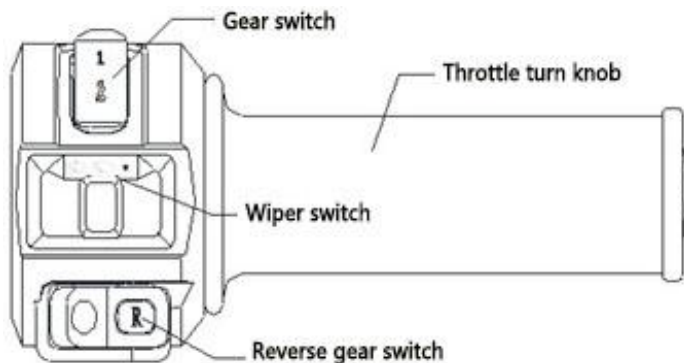
Turn signal switch: Push the switch handle to the left or right to turn on the

corresponding position turn signal light, which emits a continuous flashing orange light signal. At the same time, the instrument panel emits a green turn indicator signal. After the switch handle is reset to the center position, press the switch to turn off the turn signal.

Horn switch: Press the horn button to sound the horn beep.

P-gear switch: reserved

## Right Combination Switch



Wiper switch: With the power on, push the switch left or right to control the vehicle wiper switch.



Position the wiper on,



and position the wiper water spray.

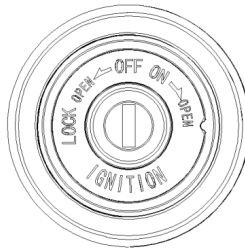
Gear switch: divided into two gears, 1 represents low-speed gear, and 2 represents high-speed gear.

Reverse gear switch: press and hold this switch, and slowly rotate the speed control handle and the vehicle backward traveling.

Throttle turn knob: after the electric door starts when the instrument shows READY light after turning the throttle to control the vehicle acceleration and deceleration.

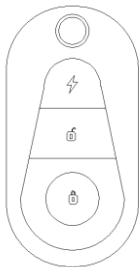
### **3> Electric Door Lock Switch and Remote Control**

#### **Lock switch**

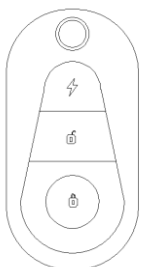


- 1、 Power off: Rotate the OFF position counterclockwise to the left to turn off the power. At this time, the key can be pulled out.
- 2、 Power on Insert the mechanical key into the lock hole and rotate it clockwise to the right to the position shown in ON to turn on the power. At this time, the key cannot be pulled out. The vehicle enters the drivable state.
- 3、 Open the charging port cover/cushion. Cushion lock: Insert the mechanical key into the lock hole and turn it to the left to the "LOCK OPEN" position to open the cushion lock switch and open the seat cushion. Charging port cover lock: Insert the mechanical key into the lock hole and rotate it to the right until it reaches the "OPEN" position to unlock the charging port cover and open the charging port cover.

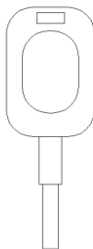
## Instructions for Using the Remote Control



Black (master key)



white (secondary key)




**Start button:** After pressing the start button, press it twice within 2 seconds to put the vehicle in keyless driving.

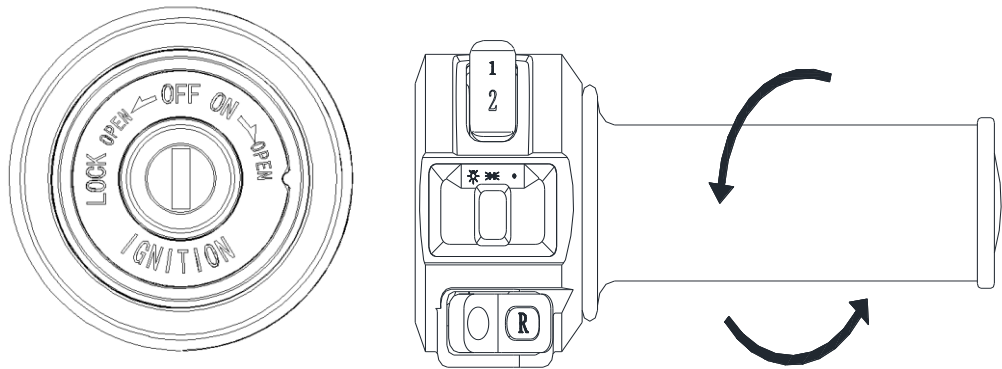
**Unlock key:** Press this key to release the alert mode.

**Lock key:** Press the lock key to lock the vehicle when the ride is finished.

The indicator light comes on when any key of the remote control is pressed, indicating that the remote control is working normally.

 Before using the remote control, please ensure the battery has been correctly installed into the body, and the straight line distance between the remote control and the vehicle should be <50 m. When the remote control is not working or its battery is dead, the key can be directly inserted into the lock hole to power it on.

## Starting Driving Instructions



- 1、 OFF: Turn off the power, OFF position in the figure. The key can be pulled out at this time;
- 2、 ON: first, insert the key into the electric door lock hole, rotate to the right clockwise to the ON position, and turn on the power. The key cannot be pulled out;
- 3、 Vehicle running: rotate to the right to ON position, press the brake to enter the vehicle can be driven state;
- 4、 Gear: when the vehicle can be driven state, the gear to the first (low-speed gear), second (high-speed gear), or R gear;
- 5、 Slowly rotate the throttle handle with your right hand to start your ride;
- 6、 When the vehicle stops, turn the key counterclockwise to the OFF position to turn off the vehicle power;

## **Vehicle Starting Methods**

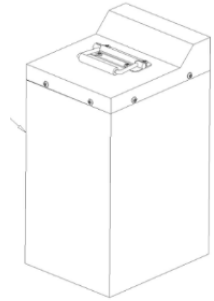
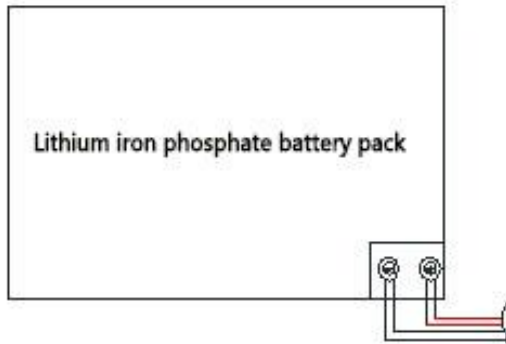
Starting mode 1: Insert the mechanical key into the power switch and turn it clockwise to the ON position to turn on the power to boot state.

Starting mode 2: Wear the vehicle remote control with you. The remote control is about 1 meter away from the vehicle. Press the start button. The solenoid valve of the electric door lock will be unlocked, the light will be on, and the power supply will enter the power-on state.



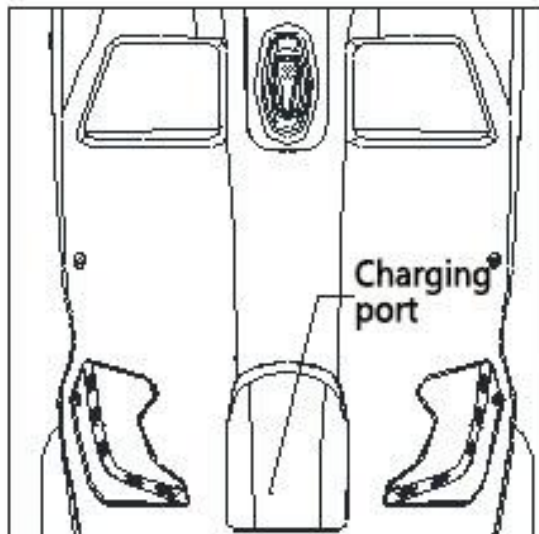
## 4> Battery and Charger

### 4.1 Battery




Note: This model is available in two different battery versions, different specifications of the battery may differ from this schematic, please refer to the specific physical prevail.

## 4.2 Vehicle Charging



Plug the charger output into the body charging port and the charger input into a household electrical outlet.

 Plug the output connector of the charger into the socket connector at the battery, then plug the charging input connector into a household socket for charging.

## Before Using the Battery

Please make sure the battery model is the original battery of the scooter before use; do not use other brands or other models of batteries

- Check whether the appearance of the battery is intact to ensure that there are no apparent phenomena such as breakage, heat soak, and smoke.
- To ensure safe transportation, the batteries are shipped at about 50% charge. Due to the transportation and storage cycles and other self-consumption factors, resulting in the first use of low or no power, this is a normal phenomenon; please do not worry; follow the charging instructions for charging.



Waste batteries should not be dismantled without authorization and should be handed over to the relevant professional departments for recycling and treatment.

## Battery Use Environment

- Please use the battery in an environment of -10°C to 45°C.
- Please avoid placing the battery near heat sources, open flames, flammable and explosive gases (liquids).
- Please avoid foreign metal objects from entering the battery pack.

In low temperatures, the battery's usable capacity will be degraded to different degrees; the specific reference level is 70% of the usable capacity at -10°C, 85% of the usable capacity at 0°C, and 100% at 25°C. If the battery has a strange odor, heat, deformation, and other abnormalities, please stop using it immediately, keep it away from the battery, and contact your local dealer.



The battery is not a user serviceable part, if any abnormal phenomenon occurs, please contact your local dealer for inspection. Private dismantling of the battery will not be entitled to the three-warranty policy, and any risk resulting from this will be borne by the individual, and may cause the battery to generate heat, smoke, fire or explosion.

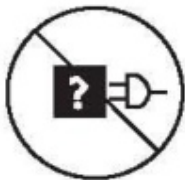
## Battery Use Precautions

- Lithium batteries for the first time use, please try to drain the battery, and then full use, cycle 2-3 times to use better results to ensure that the actual capacity of the battery and the meter display is more accurate.
- Keep the battery power at less than 20% and charge it in time to prolong the cycle life of the battery in the later stages of use.
- Battery usage increases, the actual capacity of the battery and the meter display will appear deviation; please regularly (not more than three months) on the battery's full discharge; the internal electric core and the intelligent system can automatically calibrate the power to enhance the experience effect.
- In Normal use of riding, it is recommended to use low-speed gear riding, start slowly operating the throttle knob, and gradually accelerate, which can extend the battery range.
- It is recommended that the power plug of the battery be checked every two months to ensure the contact reeds are free of vehicle on and oxidized blackening. If any, please go to your local dealer for inspection.
- A lead-acid battery discharge depth of about 80% is optimal. In other words, it is best to charge when 20% of the charge remains. If conditions permit, it is also possible to charge at a discharge depth of 60%, i.e., when 40% of the charge remains.



Avoid the battery rain or water, not to mention the battery soak in water, the vehicle should not exceed the height of the bottom of the battery compartment, otherwise it may cause the battery into the water, the internal short-circuit, the battery permanent failure. In this case, it is strictly prohibited to charge the vehicle or battery again, otherwise it will cause battery fire, combustion and explosion.

## Charging Instructions for Use



Please make sure the battery model is the original battery of the vehicle before use, do not use other brands or other models of batteries.



Please charge the battery at an ambient temperature of 0°C to 35°C.



Do not charge for more than 12 hours.

- The power rises faster in the first charging period and slower in the later period, which is programmed for charging safety and is normal.
- When charging in winter, the charging is slower when the outdoor temperature is lower, and the environment is lower than 0 degrees Celsius, which is a normal phenomenon. Please place the battery at a suitable ambient temperature to ensure the charging effect.
- Charging process: Some aluminum shell chargers have a temperature rise effect; the surface temperature is higher, and it is a normal phenomenon; please rest assured that the use is good. Please pay attention to avoid children touching.

## Precautions for Using the Charger

- The charger is limited to indoor use only. During the charging process, the charger and wiring are strictly prohibited from getting wet or immersed in water.
- When charging, plug in the battery connector first, and then plug in the charger power connector to the household outlet; after sufficient, cut off the charger power connector first, and then unplug the battery.
- During the charging process, if the indicator light is abnormal, there is a strange odor or the charger shell is overheated, you should stop charging immediately and have the charger serviced or replaced.
- Do not disassemble or replace the devices inside the charger by yourself.
- It is strictly prohibited to charge in a confined space or under the scorching sun and high-temperature environment, and the charger should not be placed in the charging back box inside the seat bucket.
- When replacing the charger, it should match the battery model.

## Storage Environment

Please store the battery at an ambient temperature of 0°C to 25°C. Do not store the battery in an environment higher than 40°C, resulting in irreversible capacity degradation. When the vehicle is not used for a long period (e.g., winter, summer, or other particular circumstances), the battery must be taken out and stored separately and regularly maintained and charged. Otherwise, it will probably lead to complete battery depletion and irreversible damage. For this type of problem, the guarantees will not cover battery failure.

- The optimum storage capacity for lithium batteries is 50%. Irreversible capacity degradation will occur if the battery is stored for a long period at less than 10% or more than 90% of its capacity.
- Lithium batteries are stored safely in the self-draining protection mode. The technical standards are as follows:
  - (1) Long-term non-use, stored in the vehicle (without unplugging the battery), the maximum safety period is one month. Otherwise, there may be a battery feed that cannot be repaired.

(2) Long-term non-use, at least 50% of the battery is stored separately or placed in the vehicle (unplugged battery), the safety period of up to 3 months; otherwise, there may be a battery feed, and it cannot be repaired.

- Avoid storing the battery in places with a risk of it being dropped, as a drop may cause uncontrollable damage to the battery's internals and may result in heat, smoke, fire, or explosion.
- If lead-acid batteries are stored for more than one month, please remove the batteries, fully charge them, and then place them in a cool, dry place; if they are stored for more than two months, check them at least once a month and replenish them with sufficient power if necessary.



Battery under-voltage and feed-through due to improper use of the above is not covered by the three-package responsibility.

## Safe Driving Tips and Precautions

**To ensure safe and proper driving, the following daily driving precautions must be read vehicle fully before driving.**

- Wearing a helmet is highly recommended for safety, and you must be aware of the traffic laws to operate your vehicle safely.
- While riding, if you are changing lanes, look to your left, right, and behind you before you change lanes to ensure it is safe to pass. Don't just rely on your rearview; you must be able to judge the distance and speed of other vehicles. Otherwise, you are prone to accidents.
- When climbing steep slopes, using the high gear will increase the motor output torque to avoid overloading the motor.

- When driving down long slopes, control the vehicle speed with the gas pedal, rev handle, and use the front and rear auxiliary brakes.

- When driving in wet terrain, try to use the gas pedal speed grip to control the vehicle speed and reduce the braking force of the front and rear wheels. The speed grip must be appropriately controlled to prevent the rear wheels from accelerating or decelerating too fast, causing the vehicle to skid.

- Driving at a steady speed and avoiding unnecessary acceleration not only ensures important personal safety but also reduces power consumption, prolongs the vehicle's service life, and reduces noise.

- When driving on wet or loose surfaces, the vehicle's maneuverability will be reduced. In these environments, your entire driving maneuver must be coordinated and flexible; sudden acceleration, braking, or cornering can cause a loss of vehicle control.



## **Parking Precautions**

- 1、 When the vehicle comes to a complete stop, turn off all lights and power switches.
- 2、 When stopping, it is recommended that the front and rear brakes be used simultaneously.
- 3、 When parking, people stand on the left side and flat ground, holding up the support.
- 4、 When you leave the vehicle, please lock the anti-theft remote control and take it away to prevent the vehicle from being stolen and causing losses.
- 5、 When you get out of the vehicle, you should turn off the power switch to prevent the implementation of the process of unintentionally turning the speed control handle, causing the vehicle to start an accident suddenly.

Please check the vehicle parts before riding. If there is any abnormality, please go to the dealership on time.

- Checking the status of power circuits, lighting circuits, etc.;**
- Checking that the front and rear brake handles work correctly;**
- Checking the fixation of the handlebars and front and rear wheels;**
- Checking the air pressure of the tires;**
- Checking whether the reflector is broken or contaminated.**

# Fault Site and Troubleshooting

## Vehicle Troubleshooting

Problem Phenomenon	Possible Causes	Recommended Solutions
Turn on the power, and the meter has no display. The speed regulation is out of order	1、 The power plug and battery socket loose or not inserted firmly 2、 The power lock switch is damaged, or the plug-in contact is poor 3、 Disconnect switch is not opened 4、 Blown fuse	1、 Insert the power plug and battery socket firmly 2、 Replace the power lock or plug-in 3、 Turn on the circuit breaker 4、 Replace the same type of fuse
Turn on the power, the meter display is standard, and the speed control failure	1、 Battery voltage is too low 2、 The speed control handle is damaged or loose 3、 Left or right power-off brake failure 4、 Controller or motor failure	1、 Fully charged 2、 Replace the speed control handle or clamping 3、 Replacement of power-off brake 4、 Repair or replace the controller, motor
Turn on the power and turn on the speed control handle. The motor does not start	1、 Braking state 2、 Vehicle is in parking neutral	1、 Check whether the brake handle is in the brake state 2、 Toggle the neutral gear to adjust to a low-speed gear

<p>Insufficient range on a single charge</p>	<ol style="list-style-type: none"> <li>1、 Insufficient battery charge</li> <li>2、 Insufficient tire pressure</li> <li>3、 Much uphill, strong headwinds, frequent braking, heavy loads</li> <li>4. Battery aging or typical attenuation</li> <li>5、 Frequent use of high-speed gear riding</li> <li>6, the ambient temperature is too low, and the battery capacity is reduced</li> </ol>	<ol style="list-style-type: none"> <li>1、 Fully charged or check the charger plug for poor contact or charger damage</li> <li>2、 Check tire pressure before each use</li> <li>3、 Avoid frequent braking and control the load situation.</li> <li>4、 Replace the battery</li> <li>5、 Return to low-speed gear after using over-speed gear.</li> <li>6、 It is a normal phenomenon</li> </ol>
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<b>Problem Phenomenon</b>	<b>Possible Causes</b>	<b>Recommended Solutions</b>
The battery won't charge.	1、Charger plug and battery socket connection is loose or not plugged in 2、Battery pack connecting wire off 3、Battery temperature is too low 4、Battery temperature is too high	1、Check whether the charger plug and the battery socket are firmly inserted 2、Check whether the plug is loose 3、Wait for the battery to recover the charging temperature 4、Wait for the battery to resume charging temperature
USB not charging	1、Plug is not inserted properly 2、USB cable does not meet cell phone standards 3、USB charger is damaged	1、Check whether the USB plug is inserted properly 2、Purchase a connection cable that meets the cell phone standard 3、Contact your local dealer



When you encounter a problem that you cannot solve by yourself under the above instruction, please contact your local dealer. Do not open the important parts without authorization during the warranty period or you will lose the warranty commitment of our company.

## Lithium Battery Common Fault Judgment and Troubleshooting

Problem Phenomenon	Possible Causes	Recommended Solutions
Batteries are dead	run out of battery power	charging
The charger heats up during charging.	The charging process emits high heat due to the high internal current; the metal aluminum case can effectively conduct heat to extend the life of the charger but also lead to higher temperatures outside the aluminum case.	Normal condition, avoid contact during charging.
The charger takes too long to charge	5 to 7 hours for standard charging time, constant current charging in the early stage, the power rises quickly, constant voltage charging in the late stage, the power increases slowly	normal circumstances
The battery does not work correctly. The whole vehicle does not start	Vehicle soaked in water, rain, wading too deep in the water, resulting in water ingress into the battery	Stop using it and have it tested at your dealer. Human use caused by not in the scope of the three-warranty policy
Battery drop, impact caused by the shell broken, cracked external use caused by damage	Damage from external use	Stop using it and have it inspected at the dealer. The guarantees policy does not cover human-caused breakage.

# Inspection、 Vehicle Maintenance

## User self-checked items

To prolong the service life of your vehicle and enable it to run safely and comfortably, please have it inspected and maintained regularly and periodically when it is out of service for an extended period of time.

Self-inspection program	Inspection content
Headlights、 turn signals、 tail lights、 brake lights、 rear license plate light	Is it working correctly?
horn (automobile, etc.)	Is the sound normal when working?
Front/Rear Brake Clearance	Is it ordinarily loose?
Front/Rear Tires	Routine air pressure, no debris or wear on surfaces?
Meter (i.e., measuring instrument)	Signal lamps and indicator lights are regular?
Power lock、 , rear compartment lock、 , battery compartment lock	Is it on correctly?
Rearview mirror angle	Is it possible to have a clear view of the rear?

Handlebar、 Fork	Is the rotation flexible? Is there no loose or stuck phenomenon?
Fasteners for front and rear wheel axles、 , flat fork axles, etc.	Is there any looseness?


## Vehicle Cleaning Precautions

- 1、 Before cleaning, disconnect the vehicle from the power supply, prohibit wet hands and metal conductors from touching the charged parts, such as battery charging and discharging port;
- 2、 not directly to the brake, motor, and front and rear axle splash water, to prevent water impact on the life of the vehicle components;
- 3、 Please use tap water with neutral detergent to scrub the vehicle body, and use a soft cloth to wipe clean the appearance of the whole vehicle after washing.
- 4、 Please do not use steam or a high-pressure water gun to rinse both sides of the battery compartment and the rear interior directly. Electronic parts such as chargers and controllers are located in the side cover above the rear wheels; please do not flush them directly to avoid water damage.

## Vehicle Storage Methods

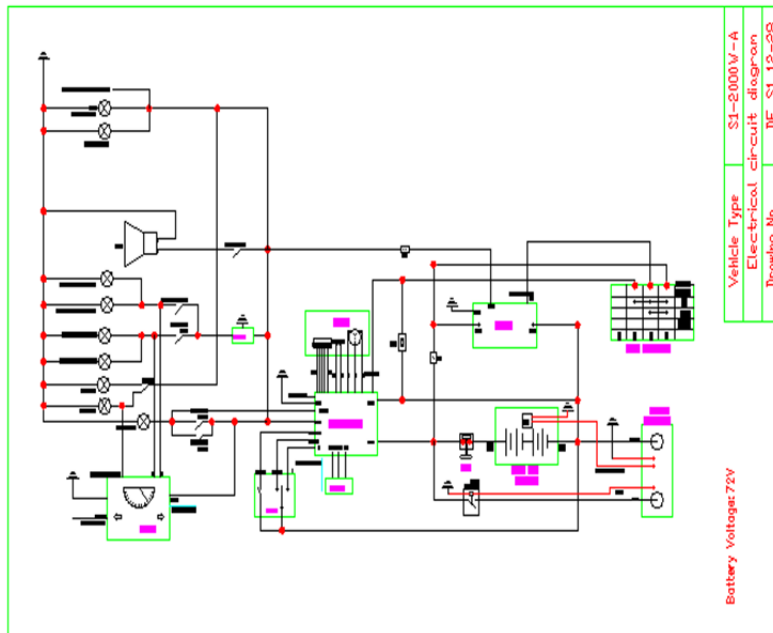
- Store the vehicle in a flat, stable, well-ventilated and dry location;
- Try to avoid the vehicle sun and rain, which can reduce the parts damage or aging;
- Please fully charge the battery when you use it again after long-term storage;
- Please check all parts without any abnormality before riding. If there is any abnormality, you can go to your local dealer to make an appointment in advance for inspection and maintenance.

## Trademarks and Legal Notices

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## Electrical Schematics and Technical Parameter



## Basic Vehicle Parameters

Items	Parameters	Items	Parameters
Product Model	S1-2000W-A	Motor type	Hub motors
Dimensions (L*W*H) (mm)	1960×782×1810	Transmission method	Direct drive
Wheelbase (mm)	1320	Motor controller rated voltage (V)	72
Cushion height from the ground(mm)	750	Rated output of the motor(W)	2000
Overall vehicle mass (without battery) (kg)	126	Controller Undervoltage protection value (V)	62
Rated load capacity (kg)	150	Motor type	Permanent magnet synchronous motor
Maximum speed (km/h)	45	Rated transmission speed (r/min)	700
Rim type	Front MT2.15-10 Rear 12*3.0	Rated torque (N.m)	28.5
Tire Specification	Front 3.50-10 Rear 90/90-12	Climbing capacity (%)	20
Tire pressure	Front 220Kpa Rear 250Kpa	Brake type (front/rear)	CBS+ front and rear disc brakes

Battery type	lithium-ion battery	Brake operation mode (front/rear)	Front/rear manual
Battery Capacity (Ah)	45	Front/Rear Shock Absorber Type	Front/Rear: Hydraulic Damping

## After-sales Service and Warranty Coverage

Thank you for purchasing our vehicles. Please take good care of this manual to protect your legitimate rights and interests effectively while facilitating the fulfillment of our warranty obligations. When you use the vehicle, please test on the spot and debug. You have the right to ask the sales staff for the correct operation and maintenance matters, a valid purchase ticket and warranty vehicle, and the unit's address and contact number.

Users are prohibited from unauthorized modification of the vehicle. Due to unauthorized modification caused by the user to shorten the vehicle's service life, the performance does not meet the adequate protection of all responsibility the user bears.

With the vehicle and purchase invoice, you can enjoy the warranty service at the selling unit.

## Warranty Principles

When you purchase the vehicle, you can ask the sales staff to provide the correct use and maintenance matters, a valid invoice, the maintenance vehicle and maintenance unit, and the address and contact number. Users should operate and use the product correctly according to the instruction manual. According to the "Product Quality Law of the People's Republic of China," "Law of the People's Republic of China on Protection of Consumers' Rights and Interests," and other relevant laws and regulations, where performance failure occurs due to product quality, the warranty obligation will be fulfilled based on "Three Packages of Vehicle Parts and Components Standard" provided by the company.

Note: If you return the vehicle, refer to the relevant provisions of the state to collect depreciation charges. To avoid polluting the environment, do not dispose of the used battery at will. The company, distributors, or government-designated outlets will recycle the batteries used in this product.

## Warranty Exclusions

**If any of the following occurs in the sold product, it is not covered by the warranty service, and the user is required to pay for the repair and related services:**

- 1、 Taking "Three Packages of Vehicle Parts and Components Standard" as the basis, it exceeds the specified service period and scope.
- 2、 the user does not follow the provisions of the vehicle product instruction manual for the correct use, driving, maintenance, and adjustment caused.
- 3、 sold products due to rain, snow and ice soaking, smoke, drugs, chemicals corrosion, and other damage caused by damage or natural product failure or damage.
- 4、 screws, nuts, and other standard parts, the appearance of covering parts, black parts, pedal skin, air nozzle, tires, belts, seat cushions, fuses, and wear parts do not belong to the warranty. Also, sold products suffered force majeure impact (including but not limited to earthquakes, typhoons, fires, floods, social events, mass events, violent crimes, etc.) caused by failure or damage.
- 5、 Users did not vehicle out regular use and maintenance of the battery, placed it more than the most extended storage safety period of 3 months (the whole vehicle plugged in more than one month, separate storage of the beginning of the power is less than 50% and more than three months), and did not charge it in time, resulting in the

battery feed Undervoltage cannot be repaired; all batteries and accessories do not implement the cycle of the three packages.

6、 The user is not in the official authorization of the designated service store for maintenance, modification, decomposition, repair, and destruction of the product as a whole and the regular use of parts and components of the state.

7、 Users use non-original accessories caused by damage to vehicle parts or unauthorized circuit or line configuration changes.

8、 The user in the driving process of rubbing the vehicle, crash, falls, overloading, speeding, private modification, not by the instructions for operation, and other human factors caused by product failure or damage.

9、 No valid three packages of evidence. The products purchased using the invoice number do not match the product.

10、 The user unauthorized alteration, change the vehicle products and parts of the three packages' service date.

11、 Advertising promotions, complimentary items, the size of the sound, soft and hard, and other artificial feeling items do not belong to the scope of the three packages

12、 Chargers, controllers, such as trademarks, seals, artificial tearing is not three packages, set of locks key breakage, not three packages.