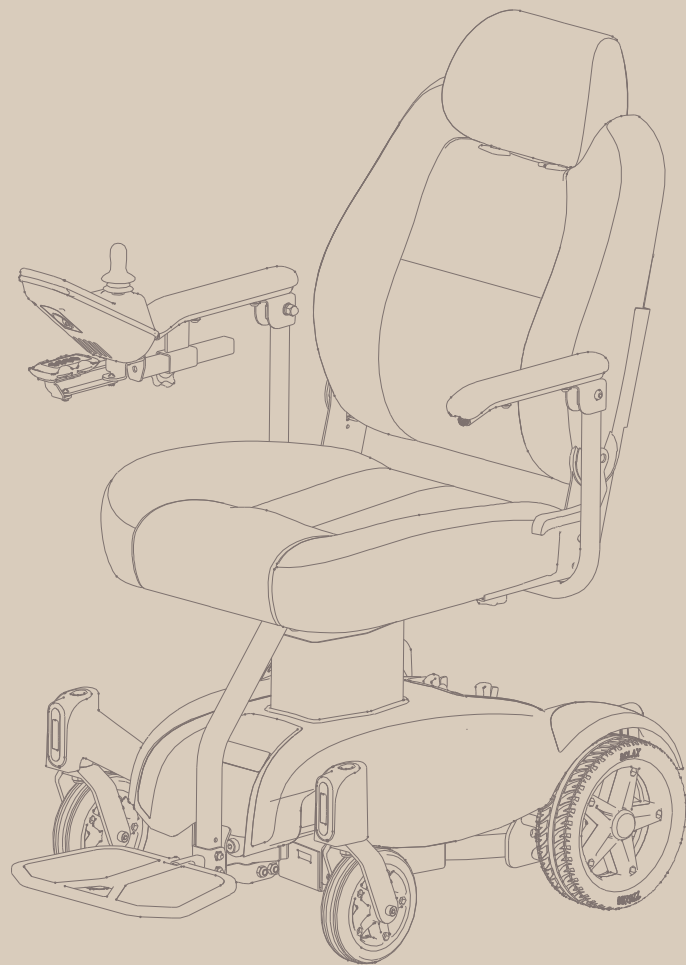


Owner's Manual

S7102






Introduction

Dear Customer:

Thank you for choosing Solax- Lifting electric wheelchair.

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Please read this owner's manual carefully before using the wheelchair. This manual will help you to use this lifting electric wheelchair fluently. If you can not fully understand the content or need some more help, please contact the Solax-lift electric wheelchair dealer or call China Prestige Sporting Goods Co., Ltd.

This manual describes in more detail the basic principles and characteristics of the Solax-lift electric wheelchair, the main components and the functions, safety requirements and operating instructions of each part, the instructions and precautions for the use of the battery, the handling of the emergency, Care and maintenance. The following symbols will be covered in this manual, the need for warning content and the need for special attention to be highlighted, fully understand and master the content for you will be crucial.

WARNING: Failure to follow the warnings in this manual will result

in personal injury.

Caution: Noting the precautions in this manual will not cause damage to your lift electric wheelchair

All the information and pictures in this manual are based on the products at the time of shipment (as shown in Fig. *) And the products will be improved. If there is any change, Hope that we can receive your understanding and support.

Solax-lift electric wheelchair is used by the user to control the forward, backward, turn left, turn right, and master the speed of the speed, so the user must have the following capabilities:

- Have an ability to read and understand the instructions.
- Ability to identify and assess hazards.
- Safety awareness or compliance with road safety regulations.
- Have a quick reflection ability.

This product specification does not require the situation as following:

1. Those that are sick or physically ill, especially those who are not in upper limbs.
2. Those who Suffering from acute cancer.
3. Those who suffering from heart disease.
4. Pregnant or woman in the menstrual period.
5. Children (under 12 years old)
6. Should consultants with the doctor first before using that have health concerns.
7. One who using the heart rate adjuster should consult the physician first.
8. Those those are inconvenienced or retarded.
9. Unconscious, coma poor blood circulation or severe sensitive skin.

Finally, we believe that Solax-lift electric wheelchair will bring you the comfort and convenience of life. More over, will let you feel the infinite joy of life and high-tech infinite wonderful.

Safety instructions:

1. Can not drive the electric wheelchair on the motorway.
2. Do not drink before using the lifting electric wheelchair.
3. Do not take any mechanical or electronic device on the lifting electric wheelchair privately; otherwise it will cause personal injury.
4. Do not travel at a slope greater than 15°.
5. Do not dive the wheelchair when the span is over than 100mm.
6. Can not be forced to cross the height of more than 50mm steps.
7. Please do not run on ice, slippery ground or saline land, otherwise it may cause accident and personal injury.
8. Please do not lift the seat on the slope when driving.

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1.Product characteristic

1. The electric wheelchair is driven by left and right motors, one hand operation forward, back, turn left, turn right, due to drive the rear of the motor, there is no sense of vertigo when turning.
- 2.The electric wheelchair, the seat can be wirelessly adjustable height.
- 3.The electric wheelchair, with front and rear lights can be opened and closed by wireless.

2. The appearance of the product

2.1 This product is mainly composed of three parts: the seat assembly, the main body, the shell group.The above composition as shown in the photo 2..



FIGURE 1



Figure 2

3.Product specifications and parameters

Model	S7102
Overall Length	920mm
Overall Width	650mm
Overall Height	1000mm
Drive System	Rear-drive
Driving Motor	2- DC 24V 200W
Maximum load	125 kg
Maximum speed	6Km/h
Range up to	15 Km
Ground height (frame)	58mm
Turning Radius	750mm
Battery	25.9V 30AH
Battery Charger	24V 5A
Controller	PG VR2 50A
Driving wheel	2-228mm
Anti-wheel	2- 152mm
Anti-tilting wheel	2- 50mm
Safe Gradient	10°
Seat Height(from the ground)	150 mm
Net Weight	60 Kgs

4. Product function

4.1 Upper controller (Figure 3): The settings on the upper controller are:

- a. Battery indicator light: The green light is full of battery power. Only the red light is on battery power is insufficient, you need to recharge the battery.
- b. Power Switch: Press the switch to turn on the power, and then press the button to turn off the power.
- c. Horn button: Press the button, it will ring; release the button, it will stop.



Figure 3

- d. Speed indicator, Speed control button [-], Speed control button [+]: When press the speed control button [+], speed indicator displays right, indicates enter the fast mode. When press the speed control button [-], speed indicator displays left, indicates enter the slow mode.
- e. Direction control lever: When moving the direction control lever forward, the power wheelchair goes forward; the greater the movement, the faster the forward speed. When moving the direction control lever backward, the power wheelchair goes backward; the greater the movement, the faster the backward speed. When moving the direction control lever right, the power wheelchair turns right; the greater the movement, the faster the speed to turn right. When moving the direction control lever left, the power wheelchair turns left; the greater the movement, the faster the speed to turn left.
- f. In the bottom of the upper controller has a charging jack, charging the charger plug into the hole for charging when the power of the vehicle is insufficient. (Figure 4)



Figure 4

g. Release the lock knob, according to the user's arm length, can adjust the upper controller assembly moves forward and backward, to its suitable position and then lock. (Figure 5)

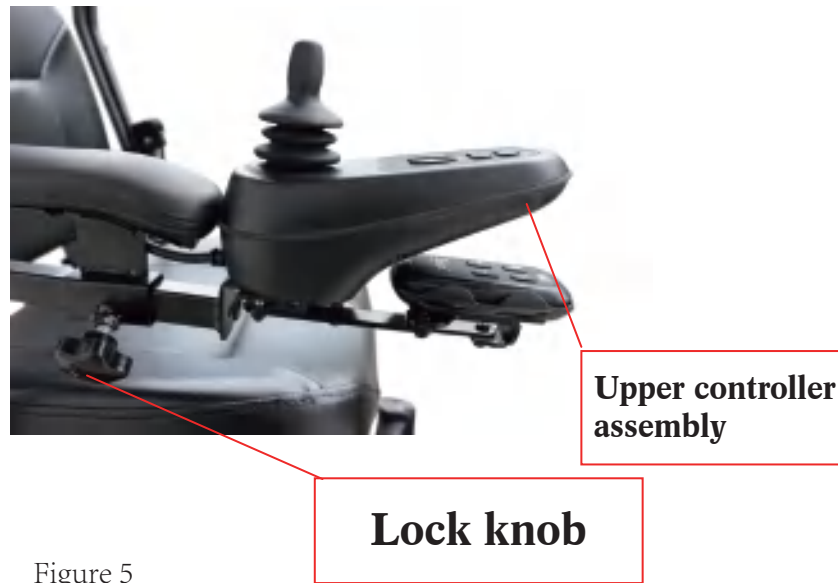


Figure 5

Warning: Do not place the controller in a humid environment. If the upper controller is wet, ensure that it is completely dry before operating

4.2 Seat lifting、 front and rear lights control:

When you need the seat lifting, you can hand out the control box from the top of the controller. (Figure 6) When you have finished handling, move the control box underneath the controller. (Figure 7)

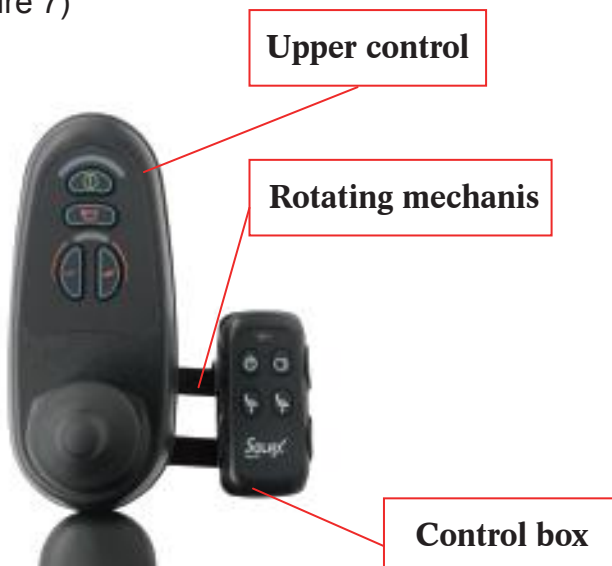


Figure 6



Figure 7

Specific steps (Figure 8):

Firstly, press the remote control button, buzzer beep sound, which will open the remote control box. And then if you want to seat up, press the seat lifting button, the seat starts to rise, release the button to stop. Also, if you want the seat to descend, press the seat down button, the seat starts to drop, release the button to stop.



Figure 8

When you are lifting or descending, you can only hear the sound of the lifter, but you can not feel the movement of the seat, it indicates that the lift or fall is already in place. When you need to switch the front and rear lights, press the front and rear lights button, press the button to open, and then click to close. When you want to end this series of operations, please press the remote control button again, the buzzer beep twice, and then rotate the control box under the controller.

Warning: Do not use the seat lifting switch on the slopes to drive the seat to rise, so as not to cause personal injury.

4.3 Mode switch handle: Figure 9

When the left and right handles are moved to ENGAGE, the wheelchair is on the start mode; when the left and right handles are moved to DISENGAGE, the wheelchair is on the push mode. When you use the electric wheelchair climbing for a long time that cause overload, the overload protection switch will disconnect, but after five minutes you can press the reset.



Figure 9

4.4 Pedal: Figure 10

When the user needs to get off, you can put the pedal up to 90° to easy to get on and off.

Warning: When the seat is raised, please do not stand on the foot pedal, so that foot pedal too force to injure yourself.



Figure 10

4.5 armrest: Figure 11

The angle of the armrest can be adjusted by the adjustment screw to adjust the angle of the armrest above and the horizontal plane.



Figure 11

5. User out of the box instructions

When you buy a Solax- lift electric wheelchair and open the packing box, you will see the wheelchair, an instruction, a charger, an AC line, a controller manual

As a result of long distance transportation, the power supply of the wheelchair is cut off from the factory, so when you pull the Solax- lift electric wheelchair from the packing box, take the seat down from the car first, then take the shell up, (Shell and frame is buckled by the front and rear four buckles, slightly lift the shell, you can trip the shell, and then gently press down the shell you can install it.) And then plug the battery connector (see Figure 12) and then restore the shell and seat, insert the yellow controller connector into the plug, then you can read the instructions to test your wheelchair.

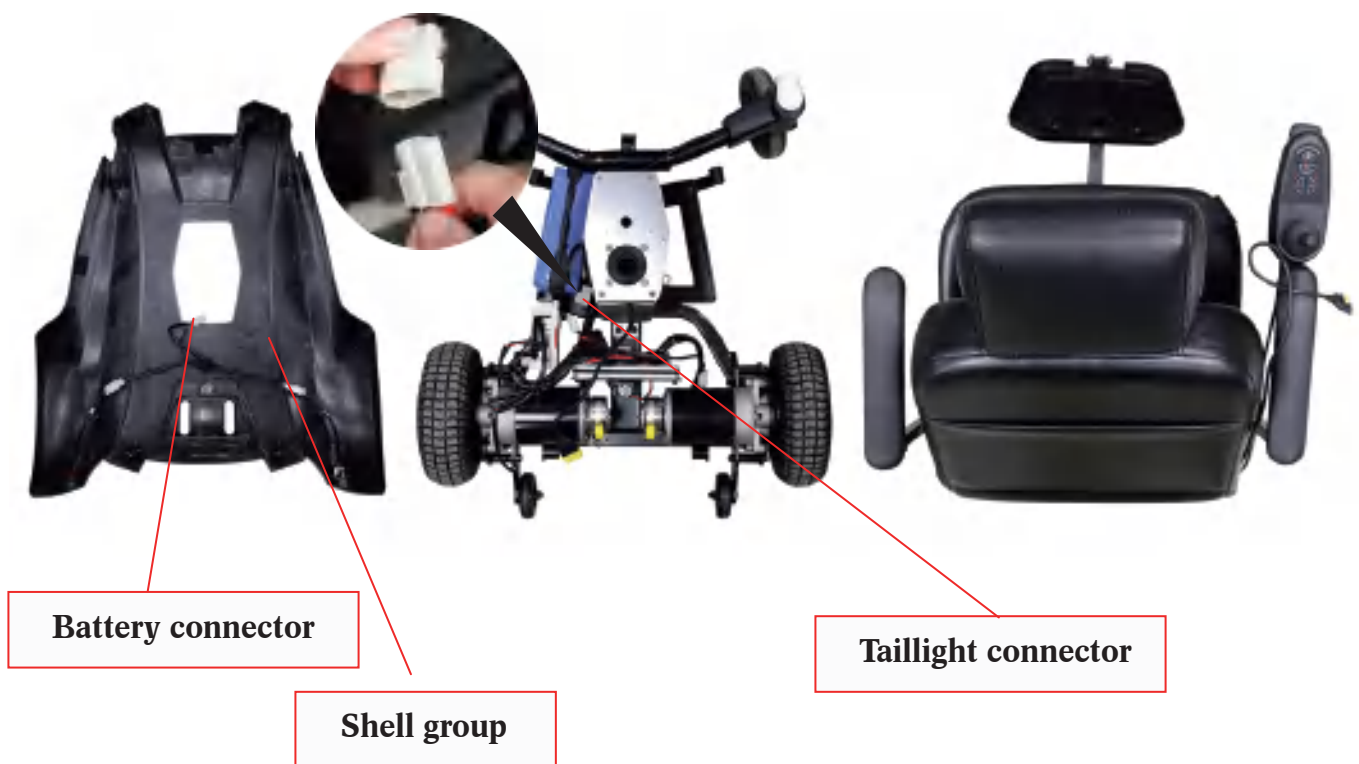


Figure 12

6. battery instructions and precautions

- The car uses 25.9V / 30Ah lithium battery. The battery does not need to be maintained and has a long service life. Charging with 24V / 5A charger, it is easy to use.

- When the battery is used for the first time, all the power in the battery must be used up, and then charged until it is full.

- To be fully charged before traveling to make the Solax-lift electric wheelchair travel smoothly,

- When charging, please charge the charging plug according to the voltage in the country where you are located. You can't charge the mismatched plug with too low or too high voltage to prevent the charging from being damaged.

- If you do not use the car for a long time, please cut off the battery power of the car and pull out the battery connector.

6.1 How to Charge the Battery

- After using the battery for a period of time, you should check the battery power in time, once you found that the battery is very little, you should charge the battery in time, and otherwise the car can not function properly.

Charging step:

6.1.1 Confirms that the starting power for the Solax- lift electric wheelchair has been turned off. Position the charger, turn off the power switch on the charger, insert the charging plug into the charging socket of the controller, as shown in Figure fourteen, and insert the other part into the AC socket

6.1.2 Turn on the main power switch of the charger. The red light is turned on means the power switch is on. When the orange light is on, it says it is charging. When saturated, the orange light turns into a green light



Figure 13

Warning: The battery should be protected in freezing temperature! Do not charge the frozen battery. Otherwise, it will damage the battery and may cause personal injury.

6.1.3 Turn off the power switch first when the battery is fully charged. Then take out the AC input power socket before you take out the DC charging connector.

6.1.4 If the red light is off when the main power switch is turned on, please check whether the power plug is properly inserted, otherwise the fuse burns out;

6.1.5 Normally allows 6-8 hours for charging.

WARNING: If Solax-S7102 is not used for a long time, the battery may have been frozen. To re-use the scooter, it should be kept warming for several days before charging.

7. Basic Troubleshooting

7.1 Trouble shooting for the scooter can not start

- Whether the brake lever switch to driving mode.
- Check that the battery is fully charged

7.2 Scooter can not work continually when you are driving it

- Battery aging.
- Motor carton brush may be is damaged (requiring professional maintenance);

7.3 Speed suddenly slows down when driving

- Battery capacity is insufficient.

If met the problem that you can not solve it by yourself, please contact your dealer for further consult and assistance.

8. Maintenance

8.1 Cleaning

- Control panel, shroud, etc. are all made by durable ABS plastic with baking finish on the

surface. Do not use oil or other chemical liquids to wipe the scooter. Do not use sharp brushes to prevent surface scratches. In order to prevent the electrical components from damage, do not wash the scooter from the tap directly. Only clean cloth can be used to directly wipe the appearance.

- Wheels can not use oil or other organic chemical liquids when you are wiping the scooter. Do not rinse directly with water but can wipe with a clean cloth or wipe with a soft brush.

- The seats can be wiped with clean rags on the surface or wiped with water at clean rags.

8.2 Maintenance

8.2.1 Basic maintenance for daily use:

- If you want to use it every day, check it yourself before using it. Just check whether there is damage on appearance.

- There will be some electrical failure occasionally, but most of the situation can be solved yourself. The main reason is that the battery is not fully charge or saturated or the performance has fallen.

8.2.2 Basic maintenance for daily use:

8.2.2.1 Battery Electrode Connection:

- Make sure that the electrode of the battery is tightly connected to the electrode on the vehicle body and is free from corrosion; (monthly)

- The battery must be placed in the battery compartment and the electrodes are tightly connected (do not disassemble the battery compartment at will). (Per year)

8.2.2.2 Wire Connector:

- Check all exposed wire connections Regularly; (monthly)

- Check all exposed wire insulation regularly including charger plugs; (monthly)

- Repair or replace the damaged connector and connect the connector. (Per year)

8.2.2.3 The Key Screws or Nuts:

- Periodically check all exposed screws or nuts for loosening. (per month)

8.2.2.4 Solax Electric Wheelchair Bearings and Motors / Transmissions:

- The component has been filled with lubricating oil, closed use, no need to inject oil; (annual)

- Avoid all electrical components damp. Such as control panel, charger, electrical controller and other components.

- If some components are damp, they must be dried before they can be used.

9. Product Warranty Card

Solax- Electric Wheelchair Warranty Card

User name		ID No.	
Address		Phone No.	
Model		Item No.	
Purchasing Date		YY	MM DD
Guarantee period	13 months warranty from purchasing date(6 months warranty for battery)		
Manufacturer	Dongguan Prestige Sporting Goods Co. Ltd.		
Dealer (Stamp/Signature)			
Phone No./Address			

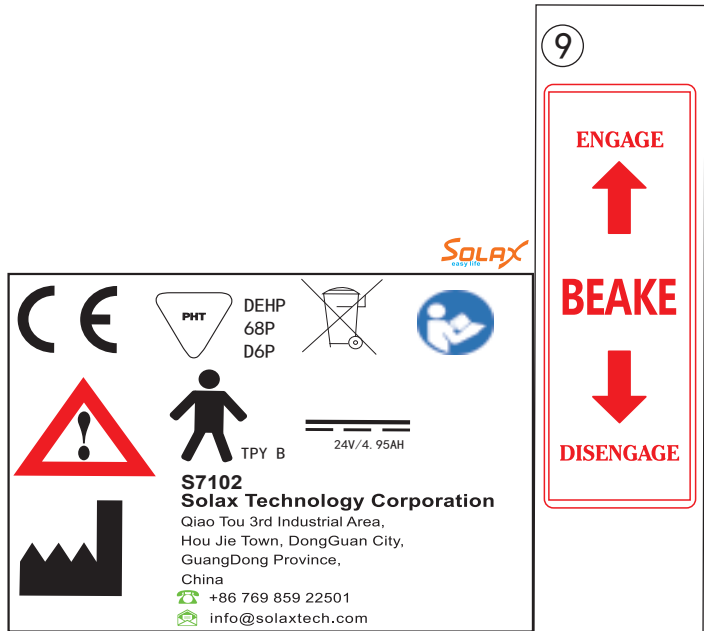
1、 Warranty Statement:




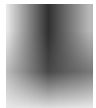

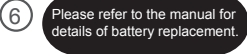
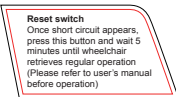

Dealer is responsible for the repair or replacement from the parts when quality problems of Materials, manufacture or assembling comes out under the normal usage.

2、 Warranty Exclusions :

- Damages caused by improper operation and maintenance;
- Damages caused by irregular spare parts;
- Damages caused by accidents;
- Damages caused by unauthorized refit of the Electric Wheelchair;
- Damages caused by natural disasters such as hurricanes, floods and earthquakes;

10. Product Warning Labels



<p>① </p>	<p>② </p>	<p>③ </p>	<p>④ </p>
<p>Sticker of forbiding to hang</p> <p>Nothing could be hanged in adjusting rod</p>	<p>Warning of transportation</p> <p>Scooter could be not used in moving vehicle</p>	<p>Battery sticken</p> <p>Picture of circuit configuration</p>	<p>Recycling cabel</p> <p>The pioduction of scoorer is identified from the factory pare of departure /scooter No.</p>
<p>⑤ </p>	<p>⑥ </p>	<p>⑦ </p>	<p>⑧ </p>
<p>Scootex No</p> <p>The produet is prorded by environmental manufactarer part of the product maybe contain harmful substances to the environment It is prohibited by law to direetty dispose of it in landfills please scparate and recycle it</p>	<p>Petails of replacing battery please refer to the manual note of replacing battery</p>	<p>Reset switch</p> <p>Once short circuit appears, press this button and wait 5 minutes until wheelchair retrieves regular operation (Please refer to user's manual before operation)</p>	<p>WARNING</p> <p>Ensure the Via is powered off before you get onto or off it.</p>




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