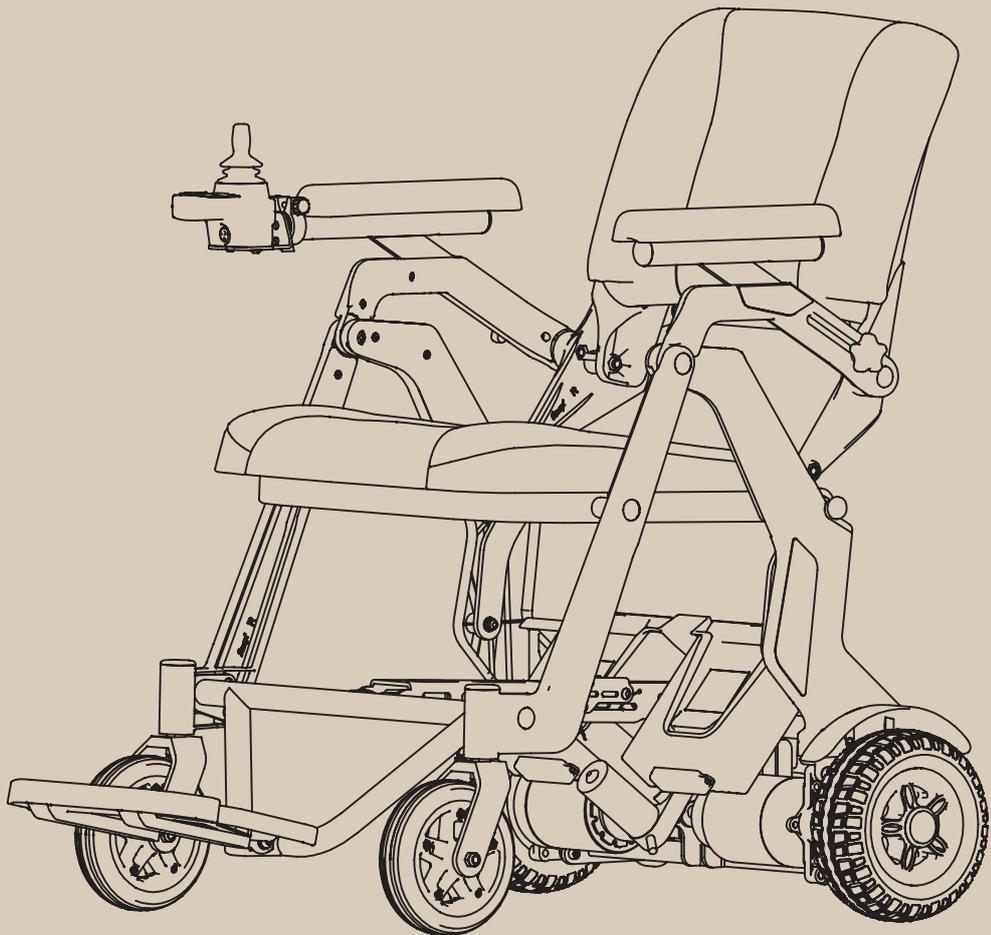


Owner's Manual

S7103



The instructions of Electric folding wheel chair.



Folding motorized wheelchair: **S7103**

Prestige Sporting Goods Company Limited



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Brief introduction

Dear users:

Thank you for choosing Solax-folding electric wheelchair.

Before you use it, please read the instructions carefully. This manual will help you use the Solax-folding electric wheelchair well if you can't fully understand the content or need more help, please contact dealer near you or call Solax co.,LTD.

TEL: +86 0769 88918228, E-mail:darcy@solaxtech.com.

This manual including: basic principle and characteristics of electric wheelchair, main components and functions of each part, safety requirements and instructions, battery instructions and matters needing attention, emergency treatment, car maintenance and maintenance.

The following warning labels will be used throughout this manual, and the content and items requiring special attention will be highlighted, and it will be critical for you to fully understand and master them.

Warning: not paying attention to the warning in this manual will cause your personal injury.

Note: not paying attention to the instructions in this manual will cause damage to your folding motorized wheelchair.

All the materials and pictures in this manual shall be subject to the products of the factory, and kindly understand the products will be continuously improved. If there is any change.

Solax-folding electric wheelchair by users with your fingers to control forward, backward, turn left, turn right, folding and unfolding, and grasp the speed fast, so the user must have the following abilities:

ability to read and understand instructions.

be able to identify and assess risks.

safety awareness or compliance with road safety standards.

quick reaction ability.

This product specification stipulates that the following situations should not be used:

1. The person with the disease or the unwell, especially the upper limb.

2. Patients with acute tumors.

3. Have a heart attack.

4. Women who are pregnant or during menstruation.

5. Children (under 12 years old)

6. Consult your physician before using your own health concerns.

7. Consult a physician before using the heart rate regulator.

8. Inconvenienced or retarded.

9. Unconscious, unconsciousness of blood circulation or severe sensitivity to skin.

Finally, we believe Solax-electric wheelchair bring you not only a like of comfort and convenience, more important is to let you feel infinite joy and high-tech infinite life wonderful.

Safety advising

1. Do not drive a folding motorized wheelchair on the motorway.
2. Do not use folding motorized wheelchair after drinking.
3. Do not take any mechanical or electronic device in a folding motorized wheelchair, otherwise it will cause personal injury.
4. Do not drive on a slope greater than 15 or above.
5. Do not cross a groove with a span greater than 100mm.
6. Do not force a step beyond the height of 50mm.
7. Please do not drive on icy, slippery ground or salt ground, otherwise it may cause accidents and personal injury.

installation instructions after opening:

When you buy Solax- folding electric wheelchair S7103, open the packing box and remove the PE bag, you can see the picture below.

In the front of the wheelchair are two square boxes, one of which is packed in the controller assembly, and the other is the charger and remote control package.



Charger packaging

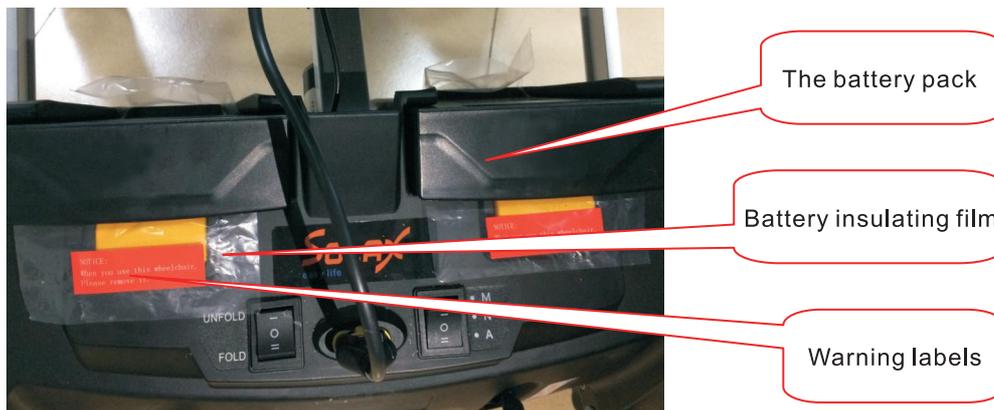
Controller assembly packing

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1. Features of the product

- 1). This folding electric wheel chair is driven by the left and right motors, with one hand operating forward, backward, left and right, dizzy can be prevented due to the driving motor is behind.
- 2). These are the folding modes for your options.
 - A. remote electric folding.
 - B. Manual electric folding.
 - C. manual folding
- 3). The folding characteristics of this electric folding wheelchair.
 - A. Electric folding is a one-button folding, which can be folded by holding the remote control key or the hand control key,
 - B. Manual quick folding by two steps to fold the electric car.
- 4). This motorized wheelchair is in compact size and can be moved in reverse direction.
- 5). This electric folding wheelchair is lightweight, only 24.6Kg. It is easy to handle after folding.



Warning:

when you open the packing cases, desperately want to test drive the wheelchair, you must, in accordance with the instructions will be pulled out two batteries, remove the battery insulation mode with warning label, then put two batteries in accordance with the manual assembly in place, so that you can according to the manual test drive your car

2.Product appearance composition

The product is mainly composed of the following four parts: the seat part, the control part, the battery pack, the driving part and the folding part, see figure 1.



Warning:

The manual version is not equipped with an electric remote folding function, and there is no corresponding remote code matching and folding power switch.

3.Product specifications and parameters

Model	S7103
Length	31.5
Width	24.8"
Height	35.4
Length(Folded)	14
Width(Folded)	24.8"
Height(Folded)	28.3
Controller	PG VR2 50A(Optional)
Motor	2-DC 24 150W
Weight Capacity	250lbs
Max Speed	6Km/h
Ranger	15Km
Ride Radius	2.0"
Turing Radius	28.7
Battery	2-7.5Ah Lithium
Controller	PG VR2 50A
Driven tire	2-7.5"(Solid Tire)
Front tire	2-6"(Solid Tire)
Anti tilt wheel	2-2"
Safe Gradient	10°
Charger	2A
Weight	25.6Kg(No Battery)Battery1.27Kg

4.Product features



4. 1 Upper controller

4.1.1 The battery indicator shows the green light mean full of battery power, only the red light need to charge the battery.

4.1.2 Power switch, press turn on power, then click turn off power.

4.1.3 Horn button key, press the button horn to play, release the button horn to stop.

4.1.4 Speed display lamp, speed adjustment button-on the left, speed adjustment button+ on the right, press button+the speed display light extend to the right, speed increase.

4.1.5 The direction control lever, Sticker.

Sticker intuitive control the wheel chair movement, in any directions you push it.

More range you push the sticker, the more speed the chair moving.

4.1.6 There is a charging jack under the controller for charging.

4.1.7 Remove the handle and adjust the controller assembly forward and backward according to the length of the user's arm.



Warning:

1.Do not place the upper controller in a humid environment.

2.If the upper controller is damp, make sure it is completely dry before operation.

4.2 Folding Remote



Folding



When switching to A, hold the B key of the remote control with your thumb, and the wheelchair will begin to fold until the wheelchair is fully folded, then release the thumb.

Warning:

There is a protection control of folding motor, if the folding/unfolding not complete, and no further response after pushing remote button, Please check there is an obstacle block or A load on the seat.

Manual Button folding:



Unfolding

Folding



Button

Warning:

There is a protection control of folding motor, if the folding/unfolding not complete, and no further response after pushing button, Please check there is an obstacle block or A load on the seat.

Problems in remote control or manual folding or in the absence of the battery, need to manually fold.



Manual folding switch

1. You squat behind unfolding chair, releasing the manual folding switch with hand from the rear, make the body folding to a certain degree, and then let go.
2. Then you stand up to fold down the chair, one hand holds back and seizes the cushion with another hand, both hands hold inward will back and seat together, at the same time wheelchair, overall with folded together.
3. Conversely, in a hand-folded wheelchair, with both hands open the seat and back, the folding chair unfolds when a click is heard.

Warning:

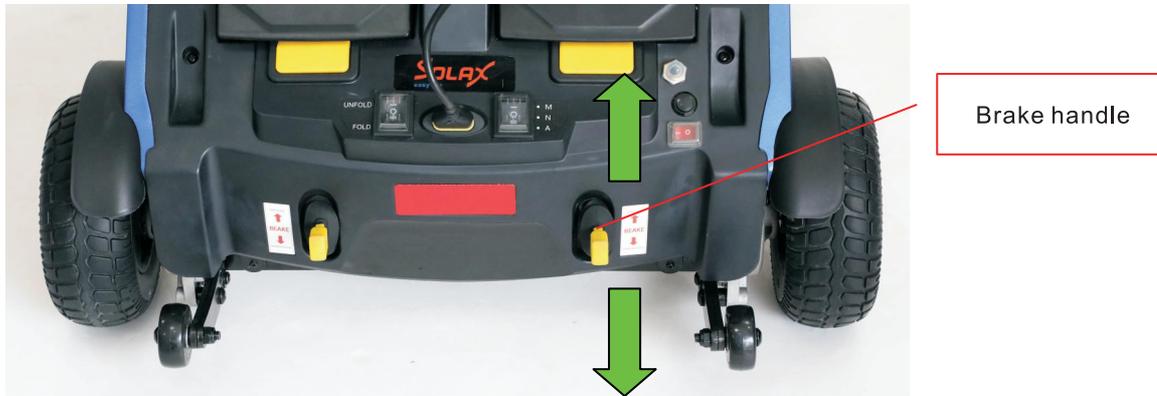
There is a protection control of folding motor, if the folding/unfolding is not complete, and no further response after pushing, please check there is an obstacle block or a load on the seat.



Warning:

When you ride the wheelchair, please switch will be key to N, (see figure 12) this state remote folding and manual folding cannot use, so avoid someone using remote control for folding in the middle of the ride.

4.3 Brake handle mode switch



When the brake handle reaches ENGAGE mode, it is the driving mode;
When the brake handle reaches DISENGAGE, it is the cart mode.

4.4 Protection class



Warning:

Overcurrent protector:

When you ride the electric folding wheelchair for a long time to climb the hill and it is overloaded or exceeds a certain current, the overcurrent protector will jump off. After five minutes, press the reset button to return to normal.

4.5 Battery pack

The wheelchair has two lithium batteries and they can be interchanged.



1. Remove battery pack
Push the lock catch then you can pull out the battery pack.

2. Install battery pack
Put battery pack into the slot and push until you heard a sound that it is locked in place.

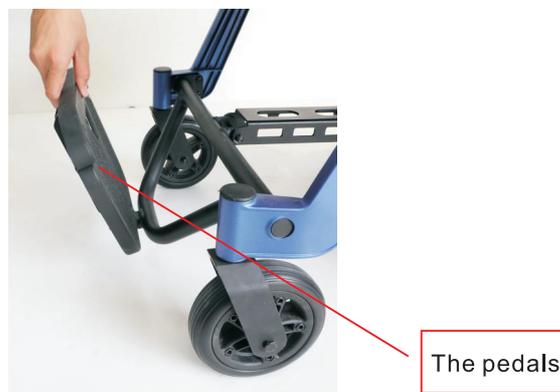


WARNING: when you have problems to install the battery, please make sure you put the battery pack in the right direction.

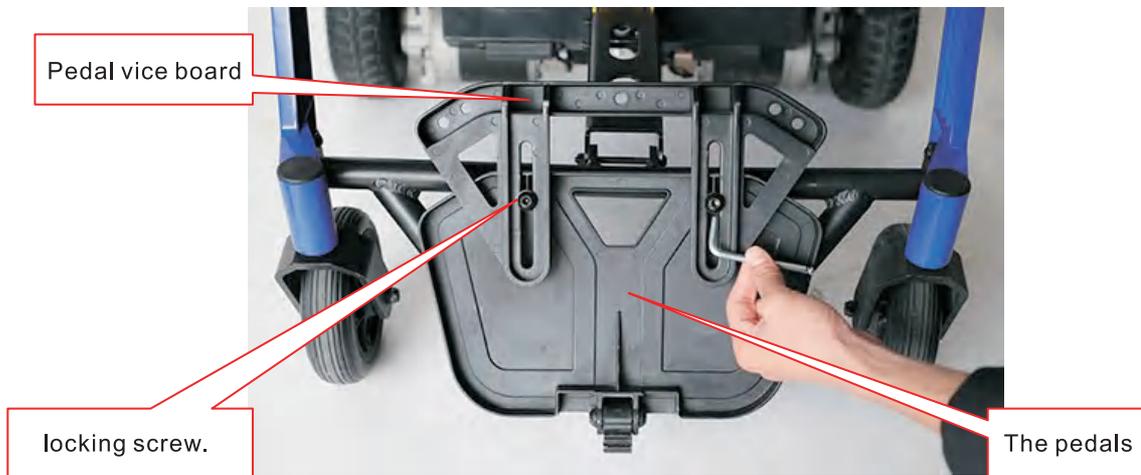


4.6 The pedals

When you need to get on and off, you can fold up the pedals up to 90 to make it easier to get on and off.

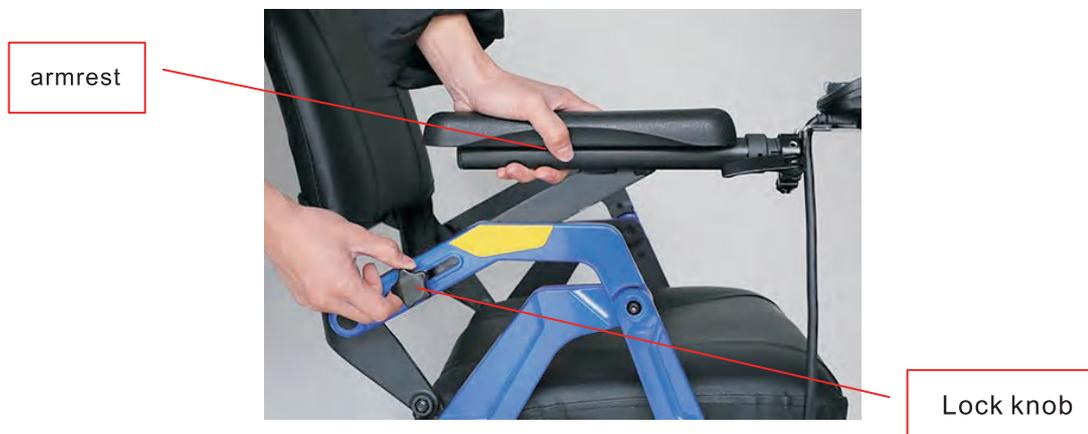


4.7 Pedal secondary board adjustment



1. Release two pairs of sub-plate locking screws.
2. Adjust the side plate to the position you need.
3. Then tighten the secondary plate fixing screw.

4.8 Height adjustment of arm rest



1. Loosen the locking knob.
2. Hold the handrail and pull up and down, adjust the lock knob tightly when adjusting to your suitable position.

After folding

Folded the wheelchair when you want to move within the short distance, you can take advantage of the controller to control, open the power of the controller, you stand in the front, on the control controller joystick, and vice versa, you can move on a small scale.

Upper Controller



5. Instructions and precautions for battery use.

The lithium ion battery, 2pieces easy maintenance and long service life, may charged

When the battery is used for the first time, the battery must be fully used up and then recharged until it is full;

To make the solax-folding motorized wheelchair smooth, it should be fully charged before traveling.

When charging, please according to the region in the country of the voltage and the plug configuration, unavailable too low or too high voltage charging with does not match the plug, in case of charging is damaged.

if you do not use this car for a long time, please cut off the battery power of this car, and the power switch is on the battery shell

5.1 Battery Charged

After the battery is used for a period of time, the battery should be checked in time. When the battery is unsaturated or very low, the battery should be charged in time, otherwise the car will not operate properly



Charging steps:

5.1.1 Make sure your wheelchair power has been turned off.

5.1.2 Shut off the power switch on the charger

5.1.3 Charger control device plug into the socket, household power outlet hole end inserted the other end, determine the connected and then open the power switch, the red light, prove that the charger has entered the charging mode, orange lights, said it was charging, When saturated, the orange light turns green.

Warning:

the battery must be protected under freezing temperatures, and it is forbidden to charge the frozen battery, otherwise it will damage the battery and cause personal injury.

5.14 After charging saturation, unplug AC input power plug, then unplug DC charging connection plug, charging work is completed;

5.15 When the main power switch is turned on, if the red light is not bright, check whether the power plug is inserted or the fuse is burnt.

5.16 The charging time is usually 6-8 hours.

Warning:

If Solax-Ant is not used for a long time, the battery may be frozen. If you need to re-use the car, please do not rush to charge. Heat up the battery and keep it in place for a few days before charging.

6. Basic maintenance

6.1 Failure to start the car:

Whether the button is bright or not;

If the button lamp flickers, check whether the contact is poor;

Check to see if the battery is saturated.

6.2 Stop as you walk.

The battery ages.

Check whether the battery electrode is corroded or loose;

A motor carbon brush may be damaged (requiring professional maintenance)

6.3 The speed of the car slowed sharply during the walk.

Low battery

6.4 Folding and unfolding are not smooth.

Check for obstacles around the front caster.

Whether the folding electric putter has movement.

7. Maintenance and maintenance

7.1 clean

The control panel, car shell and so on, are made of durable ABS plastic, surface baking paint.

Do not use oil or other chemical liquids when wiping the car.

Do not use sharp brush to prevent surface scratches.

Do not flush the tap directly to prevent damage to the electrical components.

Only use clean rags to wipe the surface directly, or wipe with clean rag and wipe with clean water.

Low wheels in cleaning the car, not with oil or other chemical liquid, cannot wash water tap

directly, only can use a clean cloth or soft brush wipe can be directly to the appearance, or with a clean cloth or soft brush with water after dry or dry cleaning.

The seats can only be used to wipe the surface directly, or wipe with a clean rag.

7.2 maintenance

Avoid moisture in all electrical components.

Such as control panel, charger, electrical controller and other components.

If part of the component is damp, it must be dried before it can be used.

7.2.1 Basic maintenance of daily use.

If you need to use it every day, check it before you use it. Just check to see if the car is damaged on the right side of the car.

Occasionally, there will be some electrical failures, and most of the cases can be solved by themselves.

7.2.2 Basic maintenance every month or year.

7.2.2.1 Battery electrode connection

Monthly: Confirm that the electrode on the battery box is closely connected with the electrode in the body, and is free of corrosion;

Per Year: The battery must be placed in the battery box and the electrode is tightly connected(do not open the battery box at will).

7.2.2.2 Wire connection

Monthly: Check all exposed wiring connections regularly;

Regularly check all exposed wire insulation, including the charger power plug;

Per Year: Repair or replace damaged connections and connections

7.2.2.3 Key screws or nuts.

Monthly: Check all exposed screws or nuts regularly for loosening.

7.2.2.4 Solax-folding electric wheelchair bearing and motor/drive parts.

The component is lubricated, closed and no longer needed to be injected.

8.Product warranty card.

Solax- folding electric Wheelchair. Product Warranty Card.

Name		ID No.	
Address		Tel No.	
Model		Ser. No.	
Purchase	y m d		
Period	12 months since Purchasing (6 months for Battery)		
Manufacturer	Dongguan Prestige Sporting Goods Company Limited		
Agency (Stamp or Sign)			
Tel (Address)			

8.1Warranty scope description

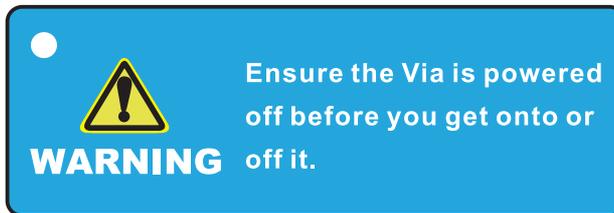
In the normal use case, the parts are in the material, manufacturing or assembly quality problems, the agent is in charge of repair or replacement parts.

8.2 The following cases are not guaraneteed.

- 1.Fallure to operate, use and maintain the operation according to instruction manual;
- 2.Fallure to use the spare parts produced by the regular manufacturer, resulting in the fallure of solax-folding electric wheelchair;
- 3.Damage caused by accident;
- 4.Modified Solax-folding electric wheelchair design without the consent of the company;
- 5.Damage caused by typhoon, flood, earthquake and other natural disasters.

9. Product labeling

9.1 Power warning label:



9.2 Driving warning label:



9.3 Clip hand warning label.



9.4 Battery instructions label.



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