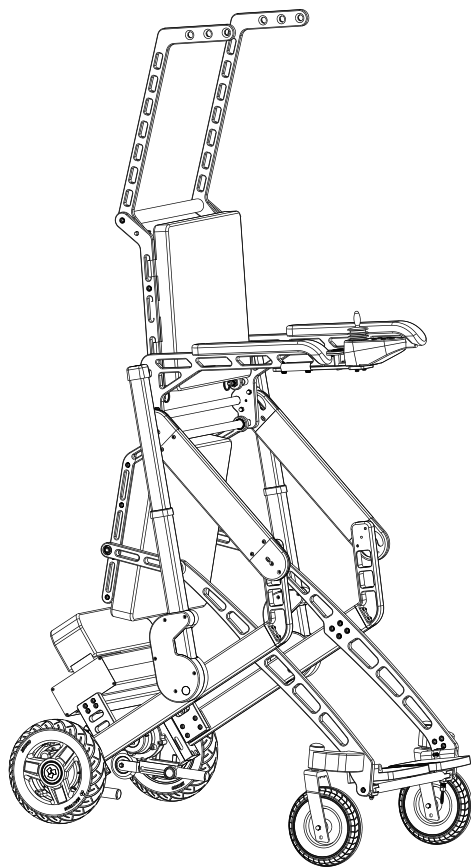


Model: ZW518



USER MANUAL WALKING REHABILITATION TRAINING ELECTRIC WHEELCHAIR

Before using this product, please read this manual carefully and save for further reference.

Release date: 28/11/2024

Version: A0



Read Before Use

- Please read the instructions carefully before using, check whether the parts are intact completely to ensure your safety.
- Please follow the traffic rules consciously and drive in the non-motorized lane to ensure you and others are safe.
- Slow driving, please do not ride with other people.
- Do not disassemble the power motor and controller by yourself. If you need to replace them, please purchase the original parts from the authorized agent. (Retrofitted, non-original parts will be exempted from warranty).
- To ensure the safety, please do not let anyone who cannot operate electric wheelchair to use it. Do not give it to young, pregnant women or other people who are not suitable to use electric wheelchair.

Contents

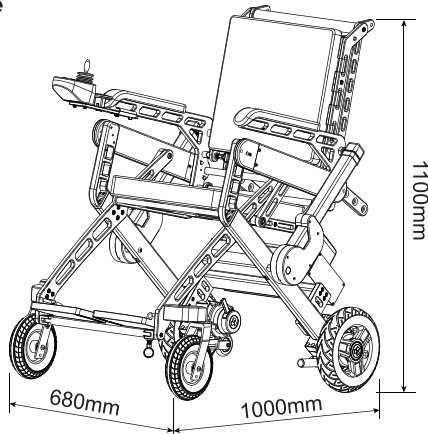
1. Product information.....	02
2. Use the controller.....	06
3. Assisting Standing Function.....	07
4. Manual folding of the seat backrest	10
5. Manual Mode Switching.....	10
6. The removal and installation of the battery.....	11
7. Battery instructions and precautions.....	11
8. Troubleshooting.....	12
9. Maintenance.....	13
10. Symbols.....	14
10. Product Warranty.....	15
11. Accessories List	16

1.Product information

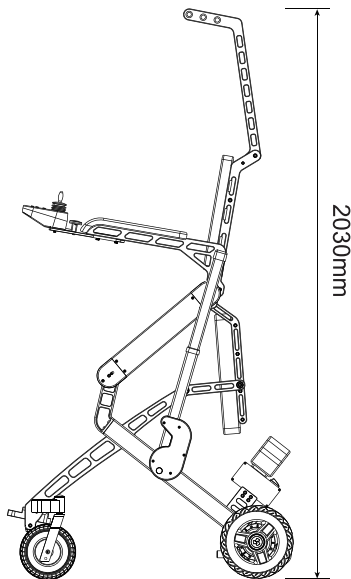
1. Indications for Use

This electric wheelchair provides transport for the disabled and the elderly. It can also provide the gait training and walking auxiliary to the users.

2. Product Structure

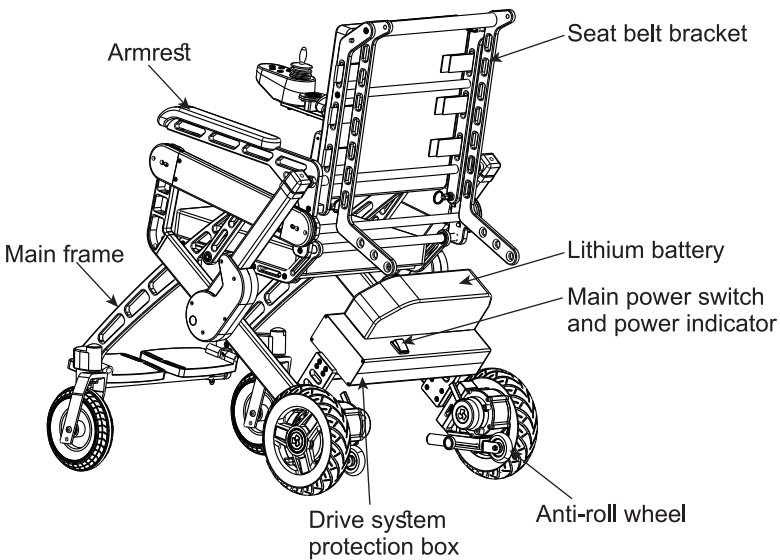
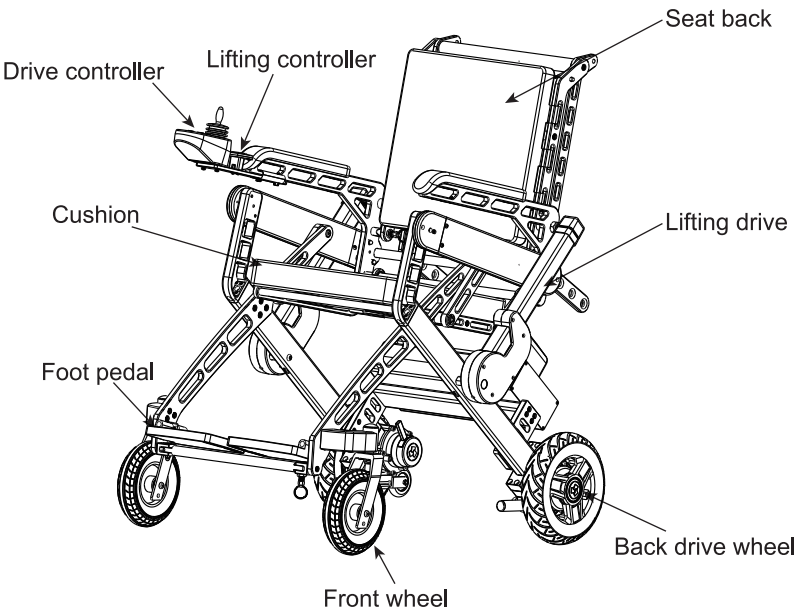


Sitting posture - lowest



Standing posture - highest

Product structure



3. Specification

Product Name	Walking Rehabilitation Training Electric Wheelchair		
Model	ZW518		
Mileage	20 km		
Battery	Rated Capacity15.6Ah	Rated Voltage 25.2V	
Motor	Motor Rated Voltage 24V	Rated power 250Wx2	
Charger	Charger Power 220V, 50Hz	Output Voltage 29.4V	Output Current 2A
Other parameters	Seat height from the ground: 600mm Seat size:420*420mm Backrest height: 500mm		
Minimum radius of gyration	≤1200 mm		
Maximum speed	≤6 km/h		
Gradeability	≤8°		
Braking performance	Horizontal road braking <l.5m, maximum safe slope braking <3 .6m (6°)		
Obstacle clearance height	≤40 mm (The obstacle crossing surface is inclined and the obtuse angle is >140°)		
Corssing-ditch width	100 mm		
Temperature	-25 ℃~509 ℃		
Tire size	Front wheel 8 inches, rear wheel 10 inches		
Seat material	PU		

4. Warnings

1. Do not drive it on motorway.
2. Do not drive it after drinking .
3. Do not connect any mechanical or electronic devices to this product.
4. Do not cross ditch with a width exceeding 100mm.
5. Do not forcefully cross obstacles higher than 30mm.
6. Do not drive it on icy, slippery or saline ground.
7. Please turn off the power when not in use.
8. Do not use it to carry cargo.

5. Product features

1. Driven by two motors on the left and right, it can be operated forward, backward, left, and right with one hand. Since the drive motor is rear-mounted, there is no dizziness when turning.
2. The product is equipped with a lifting drive. Operating the drive controller can drive the armrests, backrest safety straps and brackets to rise and fall simultaneously to assist users in standing safely.
3. The product's backrest and seat belt bracket can be folded manually.
4. The electric wheelchair is light in weight and small in size after folding. The wheelchair can be transported slowly by operating the direction joystick.
5. The controller armrest can be installed on the left or right side to meet the needs of different people.
6. The front wheel of the product is a solid tire and does not need to be inflated. The rear wheel is hollow and cannot be removed.
7. The product is equipped with a power switch and a power indicator light. When the power switch is turned on, the power indicator light will light up. When the power switch is turned off, the power indicator light will go out.

2. Use the controller

The drive controller settings are shown as follow:

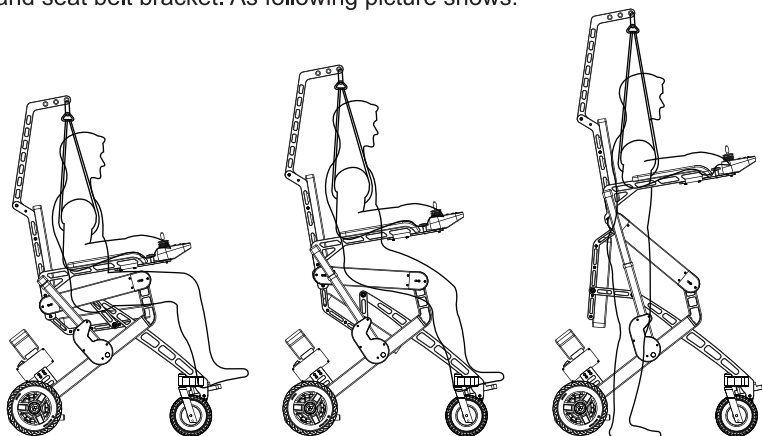


1. Battery indicator: A full green light means the battery is sufficient. Red light means the battery is low and the battery needs to be charged.
2. Press the controller power button to turn on and off the power.
3. Horn, press it there is a buzzer.
4. The direction of product is controlled by the direction joystick.
5. Press the Power Switch, when the power light is on, press the controller power button , then you can operate the wheelchair.

Warning: Do not place the controller in a humid environment.

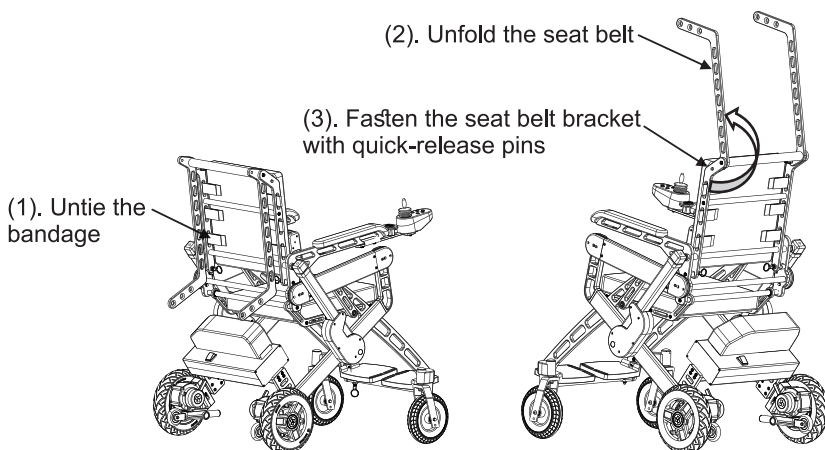
3. Assisting Standing Function

The wheelchair can assist the user to stand by drive controller, lifting controller, seat belt and seat belt bracket. As following picture shows:

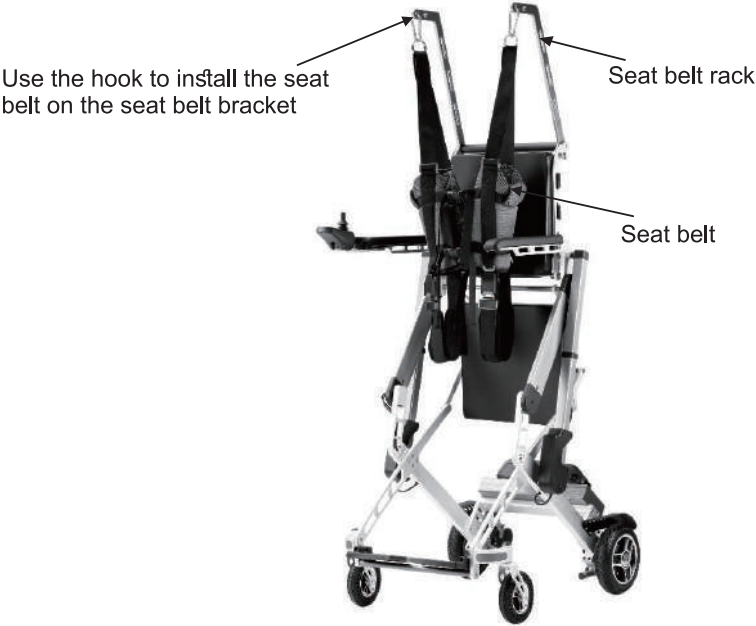


1. The usage of seat belts and seat belt brackets.

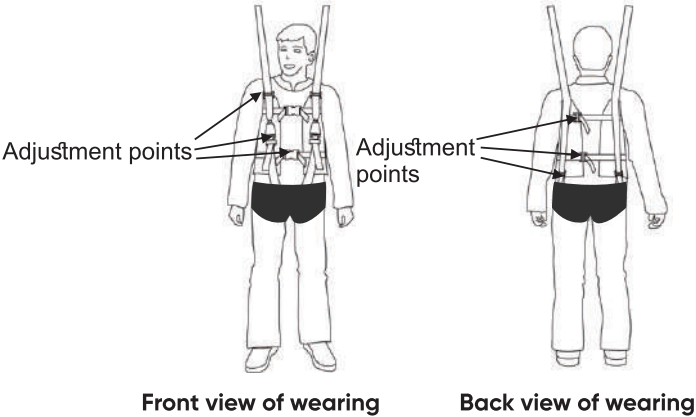
1.1 Open and fix the seat belt bracket. As shown below:



1.2 Install the seat belts. As shown below:

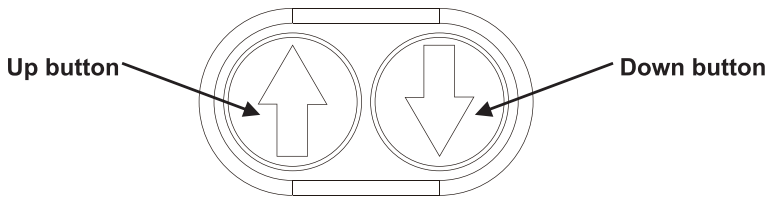


1.3 The correct way to wear the seat belts. As shown below:



1.4 There are several adjustable points on the seat belt, the user can adjust the seat belt to a suitable size or status according to his height or body shape.

2.Instructions of the lifting controller: as shown in the figure below:



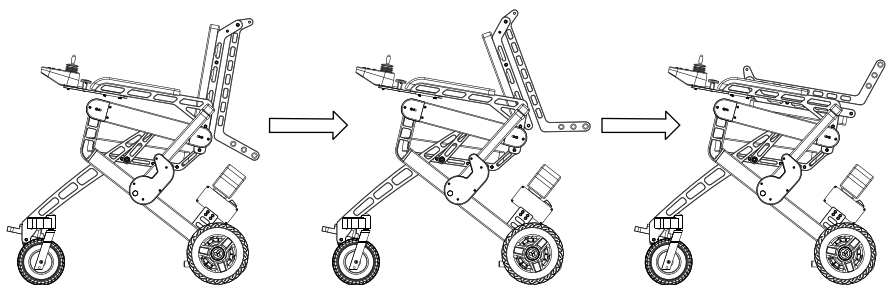
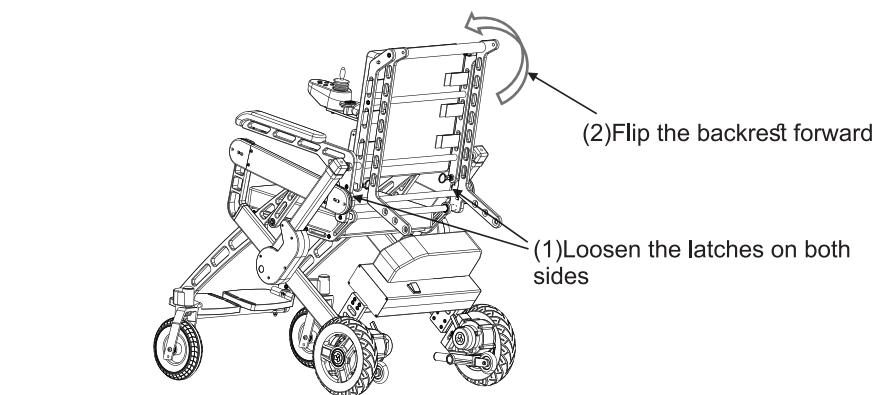
When it enters the locked state after the push rod stops working for 30 seconds, the handle indicator light will be off, and all key operations are invalid. In the locked state (when the handle indicator light is off), press and hold the "descent button" for 2 seconds, the key indicator light turns on, and it enters the unlocked state, and the functions of rise, descent, or reset operation can be performed.

Warnings:

- (1) This product must be used or operated on a flat ground to use the auxiliary standing function.
- (2) It is forbidden to use the auxiliary standing function when the battery power display is in an extremely low state to avoid accidents.
- (3) It is forbidden to use the auxiliary standing function without properly wearing the seat belt.
- (4) It is forbidden to use the auxiliary standing function who are not within the recommended height and weight range of the product.
- (5) It is forbidden to use the driving function of the wheelchair while the auxiliary standing function system is automatically restored to the initial settings.
- (6) It is forbidden to use the auxiliary standing function continuously for more than 5 minutes under overloaded situation, otherwise the lifting drive will be damaged due to overheating.

4. Manual folding of the seat backrest

Manual folding of the backrest: Loosen the latches on both sides of the backrest and turn the backrest forward. As shown below:

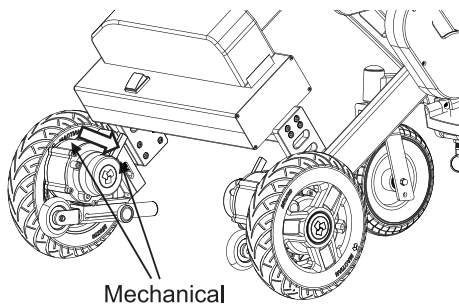


Operational diagrams

5. Manual Mode Switching

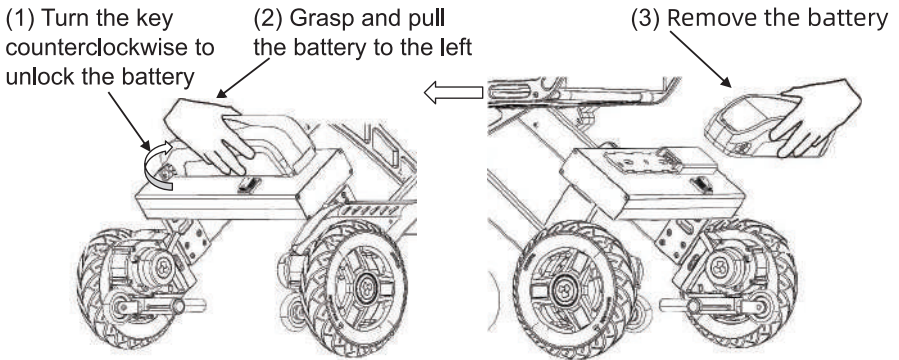
This product can switch from the electric mode to the manual mode.

1. Mechanical switching mode (same for left and right.)

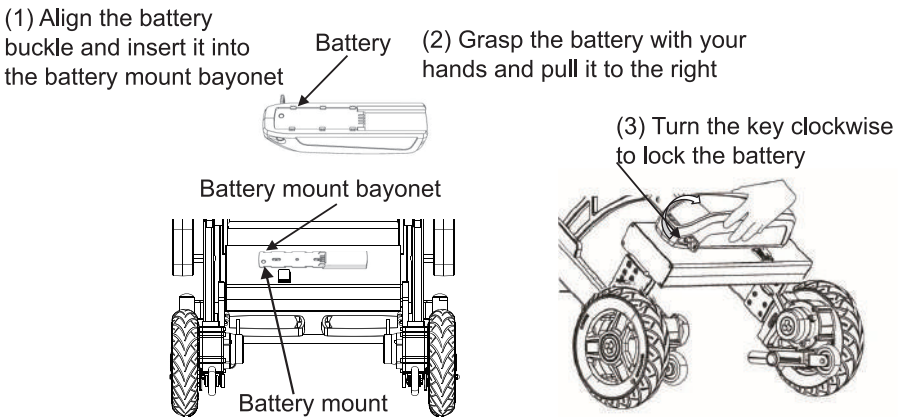


6. The removal and installation of the battery

1. Battery removal, As shown below:



2. Battery installation. As shown below:

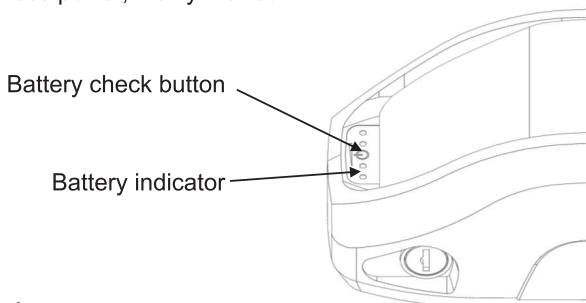


7. Battery instructions and precautions

1. This product is equipped with a 25.2V, 15.6Ah lithium battery.
2. When battery is first used, the battery must be run out of power, then charged it until full.
3. In order to drive successfully, battery must be charged full before go out.
4. If you don't use it for a long time, please cut off the power, and turn off the power master switch.

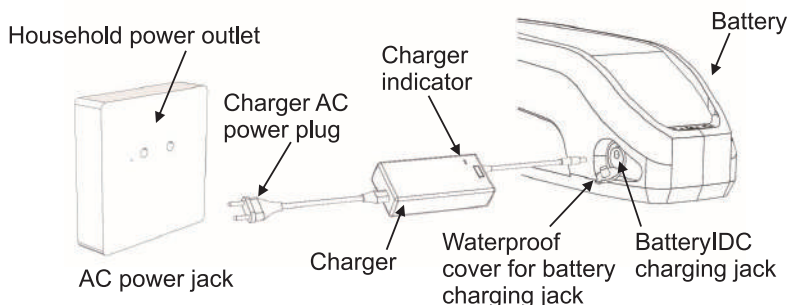
1. Charge the battery

Press the Battery check button, more green light means more power, less green light means less power, if only the red light up, please charge immediately.



Charging steps:

1. Confirm the assist standing function is in initial setting state, and power is off.
2. Remove the battery and connect the charger as shown below.
The indicator light is red when charging and green when full.
3. Charging time is about 4-6 hours



Warning: it is prohibited to charge when battery is not remove from the wheelchair.

8. Troubleshooting

1. The wheelchair cannot start.

- Press controller "on" button to check whether gear position light and power indicator light are on.

- If the lights are not on, check whether the power master switch is turned on.

Attention:

If the product is not used for a long time, please charge regularly to keep the power sufficient, otherwise the battery may fail.

- Turn on power master switch, if indicator light is not on, check whether the battery is charged.

2. The wheelchair works incoherently.

-Aging of battery.

3. The speed suddenly slow during operation.

-Low battery.

4. Lifting system is fault.

-If indicator light is flashing, please turn off the power switch and then turn it on again.

9. Maintenance

Make sure the battery is recharged at least every three months to avoid faults.

Regularly check the connection parts, whether there is loosening, falling out, rust and so on.

Waste batteries should be disposed of in accordance with local laws and regulations after the end of their service life.

Please place the product in a cool, dry, ventilate and non-corrosive gas place below 40°C.

Exposure to the sun in hot weather should be avoid.

Must use a standard charger.

Charger specification: 29.4V 2A.

When charging, please charge according to the voltage of area and the equipped charging plug.

Interpretation of symbols used in the medical device label.

10.Symbols

Symbol	Explanation	Symbol	Explanation
	Batch code		Caution
	Manufacture		Authorized representative in the European Community
	CE mark		Date of manufacture
	This way up		Keep away from sunlight
	Type BF applied part		Keep dry
	Handle with care		Refer to instruction manual
	Class-II equipment		Unique device identifier
	Use-by date		Medical device
	Serial number		"WEEE (Waste Electrical and Electronic Equipment)". The waste products should be handled legally.

11. Product Warranty

The warranty not cover :

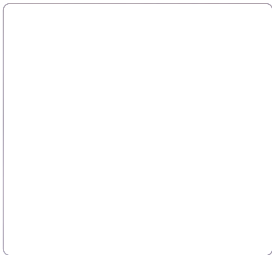
- 1. Not properly used in accordance with the instructions.
- 2. Not using parts manufactured by the Company.
- 3. Parts are damaged due to accidents.
- 4. Consumable goods are not included in the warranty scope, referto wheels,sling, etc.
- 5. Unauthorizedmodification of device Settingsis not allowed.
- 6. Typhoons, floods, earthquakes and other natural disasters.

Product Warranty card

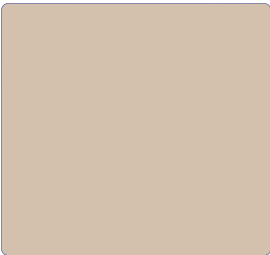
Please fill in the contents of the Product warranty card, and keep it properly

User Name		
Tel		
Address		
Product		
Maintenance record	Date	Failure cause and handling situation

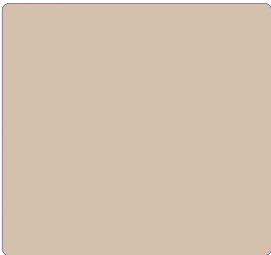
Packing List



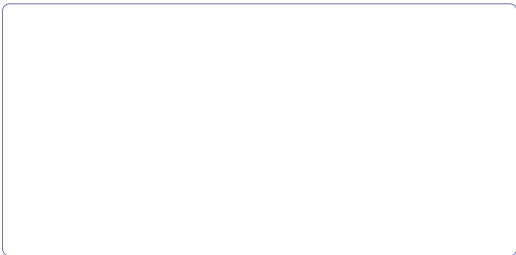
Safety belt * 1



Lithium battery * 1



Charger * 1



Manual * 1



Setting tools * 1

Install of Controller



Controller initial state



Right fixed position

Use the tool to completely loosen the screws (screws are already attached to the product, as shown on the left) and re-attach the controller to the correct position (as shown on the right).