



ELECTRIC WHEELCHAIR USER MANUAL

CAUTIONS

Please read the instructions before using the wheelchair in order to operate and maintain it properly.

PLEASE PAY ATTENTION TO THE FOLLOWING CONTENT WITH THE WARNING SIGNAL SHOWN HERE.

FAILURE TO TAKE PRECAUTIONS COULD RESULT IN SERIOUS INJURIES.

IT CAN DAMAGE THE WHEELCHAIR OR SHORTEN THE SERVICE LIFE OF THE WHEELCHAIR.

Precautions and warnings

Please read the user manual carefully when operating it for the first time.

Please consult your local dealer or the relevant technician if you have any questions about the tips or warnings in this manual. Operating the electric wheelchair without fully understanding the manual may result in accidental injury or damage.

Warning and attention

In this manual, "Warning" and "Caution" apply to potential hazards and operations that may result in unsafe personal injury or property damage.

1. Notes before use:

You need lots of practice to grasp the skill before you ride wheelchair safely. If you are not skilled, or fail to follow the user guide of this product, it may cause rider or others injury or property loss. Our company only takes the responsibility for product defects or damage, and we are NOT responsible for physical injury or property loss related with using products.

- Get familiar with local traffic rules.
- Wheelchair belongs to non-motor vehicle, being designed especially for the old and the people with mobility problem. No driving license is needed in accordance with traffic law, but driver of wheelchair should observe the same traffic rules that are applied to pedestrians. Please drive the wheelchair in pedestrian lane or bike lane.

Get familiar with all the traffic signals and marks used for pedestrians.

Do not turn direction or cross road suddenly when driving on road.

- Check the maximum load of wheelchair. Do not overload.
- It can carry only 1 person each time and should not carry any passenger when driving.
- Operation Practice : Before your first time to operate the wheelchair , please get familiar with all the functions of this wheelchair. Practice the operations like moving forward, increasing speed, reducing speed, stopping, moving backward, moving uphill, moving downhill and turning direction in a safe pace with less people and good road condition. Then you can officially drive on road after getting familiar with all these operations.
- If possible, please find a person familiar with this wheelchair to accompany you to ensure your safety during first on-road operation.
- Do not drive the wheelchair after you drink, are exhausted or are not consciously clear to guarantee your safety.
- Please confirm that the operator of this wheelchair is not suffered from any mental disease or other diseases that may attack during driving and result in the driver's incompetence of driving the wheelchair safely.

- If you are taking medicine, please confirm from your doctor that if such medicine will have adverse influence on your ability to operate the wheelchair.
- Please decelerate when in some difficult conditions such as entering the door or turning.
- Check the wheelchair condition to confirm if the brake and various properties are normal, if the seat belt is locked and if the battery capacity is enough.
- Do not refit the wheelchair without the authorization of our company.

2. Attention in use:

Driving on slope

The wheelchair has passed the test requirements for climbing a slope of no more than 10°. Please do not try to climb a slope of more than 10°. When going up and down the slope, please pay attention, fasten the seat belt, go straight at a lower speed, and do not climb the slope that is beyond limitation.

The climbing ability and driving distance are affected by the battery and the following conditions: user's weight, terrain, hilly steepness, battery power and service life, temperature, use and weight of accessories.

Brake

Simply release the joystick to stop the electric wheelchair from moving forward. Place both of your hands on the armrests when braking. The wheelchair will be stopped in a few seconds after releasing the joystick.

Note: The electromagnetic brake is not instantaneous and will take effect after the wheels turned half round.

Emergency braking

If the wheelchair is in an emergency of moving at undesired condition, please press the power switch to make it stop. Even though it is effective, but this kind of emergency must be avoided in the future, and it is not suggested to stop like this during normal situations.

Note: Frequent use of emergency brakes may cause the malfunction of the motor which makes the wheelchair cannot perform well.

Driving on road

The wheelchair should not climb any steps or barrier that is over 4CM. It is not capable of stepping over it and moving forward, please release the joystick immediately in this case.

Do not cross a groove that is over 10 cm wide. When you have to cross a groove that is less than 10cm, please control the joystick carefully and drive straightly. Please stay at the sidewalk that is 30-60cm from the motorway

before crossing it, and drive it at top speed without stopping after making sure everything is under safe condition. Please observe the traffic rules.



When you release the operation handle during driving and the handle has returned to the central position, but the wheelchair does not stop, please cut off electricity supply as soon as possible and contact the nearest dealer.

3. Attentions after Operation:

- If you are not going to use the wheelchair for over 48 hours, Please turn off the power switch.
- When bring wheelchair to other vehicles, make sure the battery is fixed.

4. Specific warnings (please read carefully)

- Don't try to bend over to pick up the stuff on the ground while sitting on the wheelchair, otherwise it may tip over and the user may get hurt.
- Do not use an escalator to transfer electric wheelchair which may increase the risk of injury.
- Do not drive it on motorway or non-motorized vehicle lane.
- Please pay attention to slow down when driving on uneven or soft ground (such as grass), turning, driving at crowded areas such as busy streets, shopping centers or parks, etc..
- Do not drive in deserts, beaches, mud, water, iced slippery, or saline-alkali roads, otherwise, it will affect the driving performance of the wheelchair, causing accidents and personal injury.
- Do not attempt to climb over 40mm obstacles and ditches which may result in personal injury.
- Don't drive in zigzag or make a sharp turn at high speed, don't move your body sideways to avoid tipping.
- The wheelchair is designed with a single seat and not allowed to carry any passenger.
- This wheelchair cannot be used to carry or towing cargos.
- Do not use wireless communication devices such as mobile phones while driving, please stop the wheelchair at a safe place and turn off the power before using them.
- Please make sure all the fasteners, connectors, and detachable components are well connected and fastened before using the electric wheelchair, and please always pay attention to its surroundings.
- Do not repair the various components, accessories and adapters of the electric wheelchair without authorization.

- When getting into or out of the electric wheelchair, the wheelchair control must be switched off.
- Do not connect other medical equipment (such as life support equipment, ventilators, etc.) to the electronic system of the electric wheelchair.
- Do not drive the wheelchair under bad weather conditions, such as rain, snow, fog, strong wind, etc. Driving the wheelchair under these conditions may damage the electrical system and cause control failure.
- Do not attempt to operate the electric wheelchair in the event of a sudden body discomfort.
- Do not operate the electric wheelchair if your vision is severely impaired.
- Do not attempt to operate the electric wheelchair when standing by its side.
- Please always make sure it is available to operate all the functions on the wheelchair when sitting on it.
- Do not stand on any part of the wheelchair except for the footplate.
- Do not stand on the seat of the wheelchair.
- The user should face forward while operating the wheelchair.
- Do not attempt to climb up or climb down slopes of over 10°.
- Do not reverse on a slope that exceeds 10°.
- Make sure all the electrical components are connected reliably before using the electric wheelchair.
- Do not disconnect, cut, or modify any harness components that have been installed or connected to the electric wheelchair. Failure to comply with the above requirements may result in an unpredictable damage.
- Do not use other batteries that do not meet the requirements, such as non-recyclable lead-acid batteries, etc.

Note: Please read the battery and charger information carefully before installation.

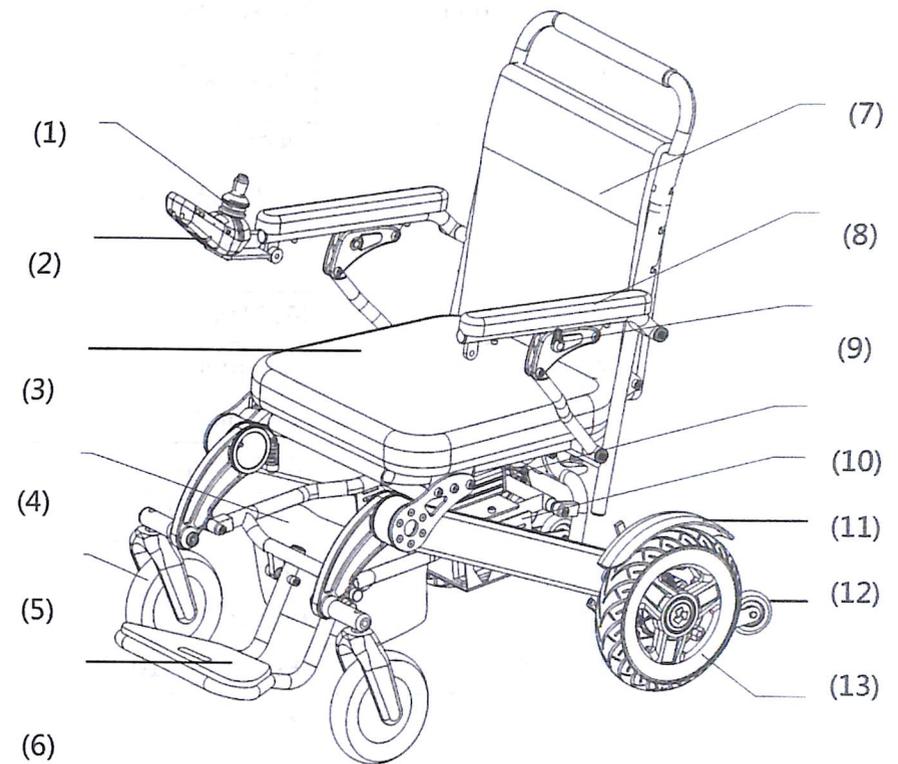
- Do not use the electric wheelchair while bathing or put the wheelchair in a damp bathroom or sauna room.
- Do not spray, rinse, or wash the electric wheelchair with an automatic car wash machine.

Note: If you have any questions about your ability to operate the electric wheelchair, your medical conditions, health issues, and treatment, please contact your doctor.

Note: We hereby declare that we will not be held liable for any injury caused by violation of local or international laws

WHEELCHAIR PARAMETERS

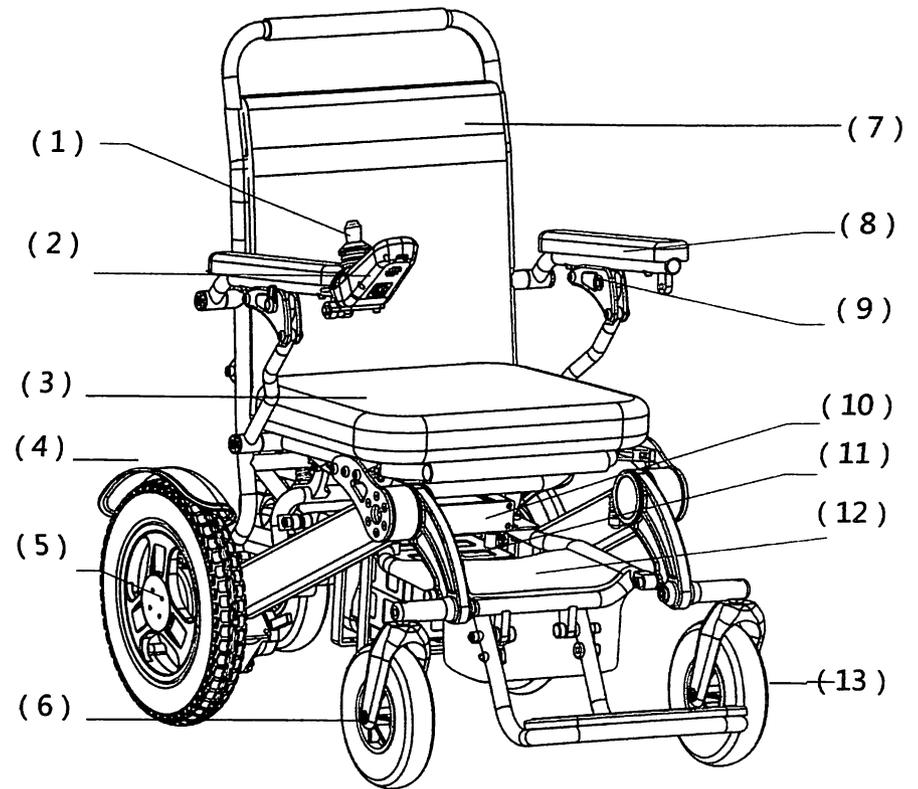
Model 1



(1)	Joystick	(8)	Armrest
(2)	Controller	(9)	Lock Knob
(3)	Seat Cushion	(10)	Under Controller
(4)	Bag	(11)	Battery
(5)	Front Wheel	(12)	Fender
(6)	Pedal	(13)	Anti-tip
(7)	Backrest	(14)	Rear wheel/Motor

Material	6061 Aluminum Alloy	
Unfolded Dimension (LxWxH)	850X600X935mm	33.5x23.6x36.8inch
Folded Dimension (LxWxH)	680x600x360mm	26.8x23.6x14.2inch
Packing Dimension (LxWxH)	700x430x860mm	27.6x17x33.9inch
Width of Armrests	480mm	18.9"
Seat Size	450x420mm	17.7x16.5inch
N.W. (Without battery)	26kg	57.3lbs
Gross Weight (1 Batt)	28kg	61.7lbs
Max Speed	7km/h	4.35mph
Load Capacity	120kg	264.6lbs
Motor	DC Brushless Motor	180Wx2pc
Battery	Lithium Battery	24V/10AH 240WH
Battery Weight	1.8kg	4lbs
Driving Range	20km	12.4miles
Tires	Front Tires: 7" PU	Rear Tires: 10" PU
Ground Clearance	59mm	2.32"
Turning Radius	850mm	33.5inch
Grade Ability	10°	

Model 2:



(1)	Joystick	(8)	Armrest
(2)	Controller	(9)	Lock Knob
(3)	Seat Cushion	(10)	Under Controller
(4)	Fender	(11)	Battery
(5)	Rear wheel/Motor	(12)	Bag
(6)	Front wheel	(13)	Pedal
(7)	Backrest		

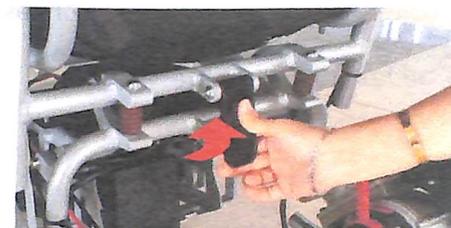
Material	6061 Aluminum Alloy	
Unfolded Dimension (LxWxH)	915X600X940mm	36x23.6x37inch
Folded Dimension (LxWxH)	730x600x370mm	28.7x23.6x14.6inch
Packing Dimension (LxWxH)	700x430x860mm	27.6x17x33.9inch
Width of Armrests	480mm	18.9"
Seat Size	450x420mm	17.7x16.5inch
N.W. (Without battery)	26kg	57.3lbs
Gross Weight	28kg	61.7lbs
Max Speed	6km/h	3.75mph
Load Capacity	180kg	396.8lbs
Motor	DC Brushless Motor	250Wx2pc
Battery	Lithium Battery	24V/10AH 240WH
Battery Weight	1.8kg	4lbs
Driving Range	20km	12.4miles
Tires	Front Tires: 8" PU	Rear Tires: 12" PU
Ground Clearance	63mm	2.5"
Turning Radius	850mm	33.5inch
Grade Ability	10°	

FOLD & UNFOLD

How to Fold

STEP 1

Open the safety clip as shown on the right photo.



STEP 2

While one hand holds the seat cushion, the other hand grabs the backrest, then push forward to fold down.

Stand chair upright, loosen the joystick and fold to protect joystick.



How to unfold

STEP 1

Hold the backrest handle and lift it to open.



STEP 2

Lock the safety clip as shown on the right photo.



HOW TO INSTALL CONTROLLER

STEP 1

Untighten the knob and put the controller to the right position as shown on the right photo.
Can be left or right side.



STEP 2

Tighten the knob to fix the controller as shown on the right photo.



HOW TO ADJUST ARMREST & PEDAL

Adjust Armrest

STEP 1

For side mounting and dismounting, turn lock screw anticlockwise as shown on the right photo.



STEP 1

Lift the armrest as shown on the right photo.



Adjust Pedal

Tools Supplied: M8 Allen wrench & M8 open end spanner as shown on the right photo.



Unscrew the screw anticlockwise as shown on the right photo.



Align the holes, place the gasket in the middle, and tighten the screw clockwise as shown on the right photo.



HOW TO OPERATE YOUR CHAIR

Manual & drive Modes

Pull back the red lever to put into drive mode as shown on the right photo. Push forward will allow wheels to move freely for someone to push the wheelchair.



If the user operates the wheelchair without assistance, the electromagnetic brake should be put at the engaged position as shown on the right photo. Otherwise, the user will not have control over the wheelchair.



Controller Operation



- (1) Power on/off: Press this button to turn on the power.
- (2) Horn button: press this button and the horn will ring.
- (3) Slow down button: Press this button to reduce the speed.
- (4) Battery indicator: Displays the remaining battery.
- (5) Speed up button: Press this button to speed up.

NOTE: The controller is brushless so no maintenance is required.

CHARGING INSTRUCTIONS

On-Board Charging:

Insert the three pin charger plug into the controller socket (as shown on the right photo), while being mindful of the plug orientation.



Insert the charger into an electrical outlet, which will cause the charging light to TURN ON. Red indicator light means the battery is being charged.



Green indicator light means the battery is fully charged. Please unplug the charger after it's fully charged, otherwise it could lead to battery damage.

Off-board Charging (Note:use the transfer plug that is optional accessory):

Remove the wires on the battery. (Extra battery and battery connecting cable are optional accessories)



Pull out the battery you want to charge.



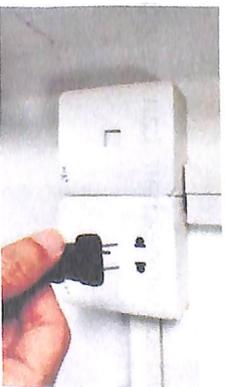
Connect the transfer plug to the charger as shown on the right photo.



Insert the charger into the battery socket (as shown on the right photo), while being mindful of the plug orientation.



Insert the charger into an electrical outlet, which will cause the charging light to TURN ON. Red indicator light means the battery is being charged.



Green indicator light means the battery is fully charged. Please unplug the charger after it is fully charged, otherwise it could lead to battery damage.



TRANSPORT & STORAGE

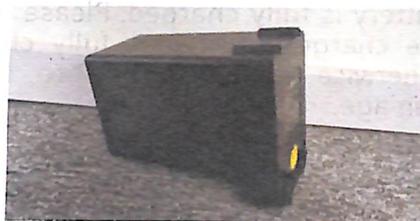
To pick up the wheelchair, stand it up when it is folded. Carefully hold both ends, lift and rotate into back of vehicle



Folded wheelchair can be put into car trunk.



The battery needs to be charged to full at the beginning and about 1/3 before empty to keep the Li-ion battery healthy.



SAFETY GUIDE



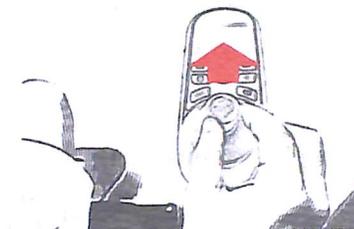
The user must be of sound mind and judgment. The user must read the USER MANUAL carefully and completely and get familiar with the components and the features before using the wheelchair.

The user should practice driving skills with assistance on open, flat, and safe grounds before normal use.

USING THE JOYSTICK

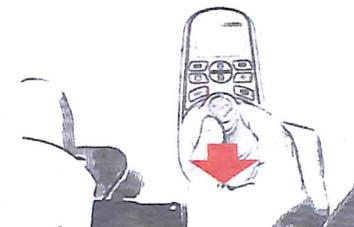
To move forward and parking:

To move forward, push the joystick forward lightly; To stop, release the joystick.



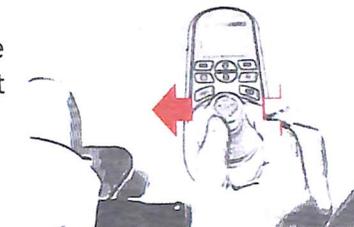
Moving backward

The user must be aware of what is behind them before moving backward to avoid collisions. To move backward, push the joystick backward lightly.



Turning

To turn, push the joystick to the left or to the right. Please be aware of what is to the left or the right to avoid collisions.



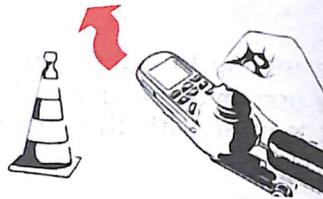
Driving on bends

Lightly push the joystick in the direction of the bend and practice speed control.



Practice avoiding obstacles

Lightly push the joystick in either directions to avoid and maneuver around the obstacles and practice speed control.



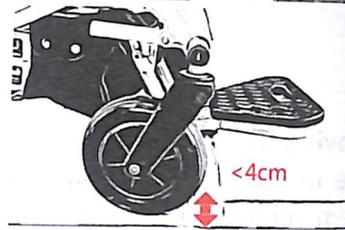
Driving fast

Push the joystick all the way in the direction you want to go. Pull the joystick back to the middle if you do not feel 100% in control.



Driving over small curbs

Lightly push the joystick and drive slowly over the curb. The step should not be higher than 4 centimeters. Driving over too high of a curb/step (more than 4cm) could result in rollover.



Driving uphill

Keep your body tilted forward to keep the center of gravity stable and drive slowly. The slope should be less than 10 degrees for proper performance. Driving on too steep of an incline could result in a rollover or an accident.



Enter & Exit elevator

The user should pay attention to the opening and closing intervals of the elevator door to avoid collisions while entering or exiting the elevator.



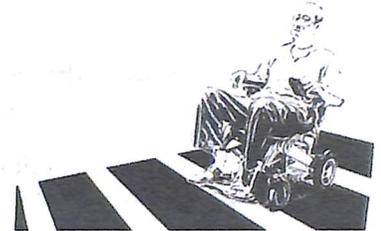
Driving on sidewalks

The user should stay on the sidewalk and avoid entering the motor vehicle lanes unless to cross the street. Pay attention to obstacles and avoid contacting with them.



Crossing the street

Pay attention to avoid cars and only cross when you can.



WARNING

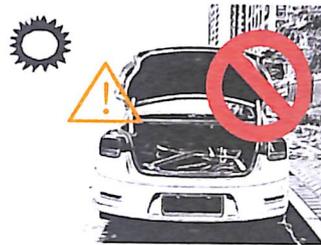
Do not allow children to access the wheelchair, otherwise it may lead to product damage and even endanger the child.



Do not hose down the wheelchair with water or any liquids. It will cause damage to the wheelchair and could also harm or endanger your personal safety. To clean the wheelchair, please wipe it with a damp cloth.



Do not leave the battery or electrical components of the wheelchair in a car that is baking in the sun. Or it may cause permanent damage. So please keep it away from fire and heat sources.



Do not attempt to repair the wheelchair on your own. It may cause permanent damage to the wheelchair and could put yourself at risk of injury or death. It should be repaired by professional personnel.

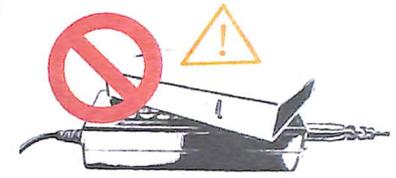


Do not cross train/railroad tracks alone.

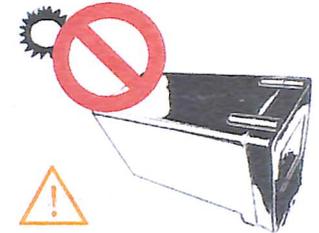
We highly recommend you should be accompanied by an assistant, friend or loved one.



Do not place any item over or on the charger while it's charging. If the battery becomes hot, deformed, or emits an odor while being charged, please stop the charging immediately.



Do not store the battery in direct sunlight. It should be stored in cool, dry, and ventilated place where children have no access to it.



Do not store in severe cold environments to avoid possible damage.

AFTER-SALES SERVICE

Warranty policy

ITEM	WARRANTY TIME	REMARKS
CUSHION TIRES	3 MONTHS	NON-DELIBERATE DAMAGE
MOTOR CONTROLLER	12 MONTHS	Manufacturer fault only.
BATTERY	18 MONTHS	Manufacturer fault only.
FRAME	24 MONTHS	Manufacturer fault only.

Remarks: Warranty is void on burnt out motor due to water saturation.

Warranty card

USER INFOTMATION	NAME:	MOBILE:
	EMAIL:	
	ADDRESS:	
PRODUCT INFOTMATION	MODEL:	PURCHAS DATE:
	SERIAL NUMBERS:	
DEALER	NAME:	
	CONTACT No:	
	CONTACT NAME:	DATE:

Contact information:

If you want to obtain the address of the maintenance center or have other questions, please contact.