



User Manual

[Revision 3.0]

THE BATTERY MAY HAVE SOME CHARGE ON ARRIVAL, IT IS IMPORTANT HOWEVER THAT THE BATTERY IS CHARGED PRIOR TO USE.

Safety

Safety messages are designed to alert you to possible dangers or hazards that could cause death, injury or equipment or property damage if not understood or followed. Safety messages have the following symbols:



You **WILL** be **KILLED** or **SERIOUSLY INJURED** if you do not follow instructions.



You **CAN** be **KILLED** or **SERIOUSLY INJURED** if you do not follow instructions.



You **CAN** be **INJURED** if you do not follow instructions or equipment damage may occur.

It is vital that you read and understand this user manual before using the product, including safety warnings, and any assembly and operating instructions. Keep the manual for future reference.

Safety precautions and recommendations detailed here must be fully understood and followed to reduce the risk of injury, fire, explosion, electrical hazard, and/or property damage.

Safety information presented here is generic in nature – some advice may not be applicable to every product. The term "equipment" refers to the product, be it electrical mains powered, battery powered or combustion engine powered.

- **Before Use** - If you are not familiar with the safe operation/handling of the equipment or are in any way unsure of any aspect of suitability or correct use for your application, you should complete training conducted by a person or organization qualified in safe use and operation of this equipment, including fuel/electrical handling and safety.
- Do NOT operate the equipment in flammable or explosive environments, such as in the presence of flammable liquids, gases, or dust. The equipment may create sparks or heat that may ignite flammable substances.
- Keep clear of moving parts.
- Equipment may be a potential source of electric shock or injury if misused.
- Do NOT operate the equipment if it is damaged, malfunctioning or is in an excessively worn state.
- Do NOT allow others to use the equipment unless they have read this manual and are adequately trained.
- Keep packaging away from children - risk of suffocation! Operators must use the equipment correctly. When using the equipment, consider conditions and pay due care to persons and property.

General Work Area Safety

- Work areas should be clean and well lit.
- Do not operate the equipment if bystanders, animals etc are within operating range of the equipment or the general work area.
- If devices are provided for connecting dust extraction / collection facilities, ensure these are connected and used properly. Dust collection can reduce dust-related hazards.

General Personal Safety

- Wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect from eye and ear injury, poisoning, burns, cutting and crush injuries. Protective equipment such as safety goggles, respirators, non-slip safety footwear, hard hat, hearing protection etc should be used for appropriate equipment / conditions. Other people nearby should also wear appropriate personal protective equipment. Do not wear loose clothing or jewellery, which can be caught in moving parts. Keep hair and clothing away from the equipment.
- Stay alert and use common sense when operating the equipment. Do not over-reach. Always maintain secure footing and balance.
- Do not use the equipment if tired or under the influence of drugs, alcohol, or medication.
- This equipment is not intended for use by persons with reduced physical, sensory, or mental capabilities.

General Fuel Safety

- Petrol/fuel/gasoline is extremely flammable – keep clear of naked flames or other ignition sources.
- Do not spill fuel. If you spill fuel, wipe it off the equipment immediately – if fuel gets on your clothing, change clothing.
- Do NOT smoke near fuel or when refuelling.
- Always shut off the engine before refuelling.
- Do NOT refuel a hot engine.
- Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly.
- Always refuel in well-ventilated areas.
- Always check for fuel leakage. If fuel leakage is found, do not start, or run the engine until all leaks are fixed.

General Carbon-Monoxide Safety

- Using a combustion engine indoors **CAN KILL IN MINUTES**. Engine exhaust contains carbon-monoxide – a poison you cannot smell or see.
- Use combustion engines **OUTSIDE** only, and far away from windows, doors, and vents.

General Equipment Use and Care

- Keep packaging away from children and pets, potential risk of suffocation or choking.
- The equipment is designed for domestic use only.
- Handle the equipment safely and carefully.
- Before use, inspect the equipment for misalignment or binding of moving parts, loose components, damage, or any other condition that may affect its operation. If damaged, have the equipment repaired by an authorised service centre or technician before use.
- Prevent unintentional starting of the equipment - ensure equipment and power switches are in the OFF position before connecting or moving equipment. Do not carry equipment with hands or fingers touching any controls. Remove any tools or other items that are not a part of the equipment from it before starting or switching on.
- Do not force the equipment. Use the correct equipment for your application. Equipment will perform better and be safer when used within its design and usage parameters.
- Use the equipment and accessories etc. in accordance with these instructions, considering working conditions and the work to be performed. Using the equipment for operations different from those intended could result in hazardous situations.
- Always keep equipment components (engines, hoses, handles, controls, frames, housings, guards etc) and accessories (cutting tools, nozzles, bits etc) properly maintained. Keep the equipment clean and, where applicable, properly lubricated.
- Store the equipment out of reach of children or untrained persons. To avoid burns or fire hazards, let the equipment cool completely before transporting or storing. Never place or store the equipment near flammable materials, combustible gases, or liquids etc.
- The equipment is not weather-proof, and should not be stored in direct sunlight, at high ambient temperatures or locations that are damp or humid.
- Do not clean equipment with solvents, flammable liquids, or harsh abrasives.
- For specific equipment safety use and care, see Equipment Safety.

General Electrical Safety

- Inspect electrical equipment, extension cords, power bars, and electrical fittings for damage or wear before each use. Repair or replace damaged equipment immediately.
- Ensure all power sources conform to equipment voltage requirements and are disconnected before connecting or disconnecting equipment.
- When wiring electrically powered equipment, follow all electrical and safety codes.
- Always use a Residual Current Device (RCD) (GFCI) / Earth Leakage Circuit Breaker / Safety Switch when operating this item (electrical items only).
- High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.

General Electrical Safety

- Electrically grounded equipment must have an approved cord and plug and be connected to a grounded electrical outlet.
- Do NOT bypass the ON/OFF switch and operate equipment by connecting and disconnecting the electrical cord.
- Do NOT use equipment that has exposed wiring, damaged switches, covers or guards.
- Do NOT use electrical equipment in wet conditions or in damp locations.
- Do NOT use electrical cords to lift, move or carry equipment.
- Do NOT coil or knot electrical cords, and ensure electrical cords are not trip hazards.

General Service Information

- The equipment must be serviced or repaired at authorised service centres by qualified personnel only.
- Replacement parts must be original equipment manufacturer (OEM) to ensure equipment safety is maintained.
- Do NOT attempt any maintenance or repair work not described in this manual.
- After use, the equipment and components may still be hot – allow the equipment to cool and disconnect spark plugs and/or electrical power sources and/or batteries from it before adjusting, changing accessories, or performing repair or maintenance.
- Do NOT adjust while the equipment is running.
- Perform service-related activities in suitable conditions, such as a workshop.
- Replace worn, damaged or missing warning/safety labels immediately.

Child Choking Hazard!**• WARNING: CHOKING HAZARD - CHILDREN UNDER 8 YRS. CAN CHOKE OR SUFFOCATE ON SMALL PARTS. ADULT SUPERVISION REQUIRED.**

- Carefully inspect anything a baby or child could gain access to, including this product & packaging.
- Dangers include anything of a size that could become stuck or lodged in a baby or child's airway.
- Dangers include things like raw, hard fruit and vegetable pieces, large pieces of meat, bones or sausage skins, popcorn, nuts, hard lollies and corn chips, small magnets and batteries, coins, beads, marbles and small uninflated balloons, broken toys and smaller toys, buttons, keys, and coins. But there are also many more.
- Pay particular attention to accessories, nuts, bolts, screws, washers, caps, covers, loose parts, parts that could be removed or break off, pieces of packaging, staples, tape etc.
- In the case of any doubt, secure the item of concern in an appropriate manner, or completely remove the possibility of access by a baby or child.

Important Wheelchair Safety

- When attempting to stand you must ensure the footrests have been flipped up prior to attempting to exit the chair.
- Assistance may be required to exit the chair. A qualified carer is recommended when traveling up or down an incline.
- Do not stand directly on the wheels, do not place any weight directly on the wheels.
- When sitting on the seat ensure the brakes are engaged and the user is balanced towards the back of the seat. Do not lean forward.
- The wheelchair is not designed for transiting a patient through long distances or for use on rough, uneven surfaces.

Other Wheelchair Safety Reminders

- Please read and follow all instructions, warnings, and notes in this manual before attempting to operate your power wheelchair for the first time. If there is any information in this manual which you do not understand, or if you require additional assistance for assembly or operation, please contact your authorised local provider. The safe use of your product depends on whether you follow the instructions, cautions, and warnings in this manual. We are not liable for any damage and/or injuries resulting from unsafe operation or failure to follow the instructions, cautions, and warnings in this manual. The symbols below in this manual are used to identify warnings and important information. All of them are very important for your safety. It is strongly recommended that you read and understand them completely.
- Please read the user manual carefully and follow riding requirements during the power chair ride. Do not use it until riders have read the user manual carefully and learned the performance well. Do not lend it to those who cannot operate the power chair.
- You need lots of practice to grasp the skill before you ride the power chair safely. If you are not skilled or fail to follow the user guide of this product, it may cause injury to the rider or others, or property loss. Our company is only responsible for product defects or damage, and we are NOT responsible for physical injury or property loss related to using the product.

Attentions Before Operation

- Get familiar with local traffic rules.
- The power chair is classified as a non-motor vehicle, designed especially for the elderly and people with mobility issues. No driving licence is needed in accordance with traffic law, but the driver of the power chair should observe the same traffic rules that apply to pedestrians.
- Please drive the power chair in pedestrian lanes or bike lanes:
- Get familiar with all the traffic signals and marks used for pedestrians.
- Do not change direction or cross the road suddenly when driving.

Operation Practice

- Before operating this power chair for the first time, please become familiar with all the functions of the vehicle. Practise operations such as moving forward, increasing speed, reducing speed, stopping, moving backward, moving uphill, moving downhill, and turning in a safe place with fewer people and good road conditions. Once familiar with these operations, you can drive on the road.
- Do not drive the power chair if you have consumed alcohol, are exhausted, or are not fully conscious to ensure your safety.
- Please confirm that the operator of this power chair does not suffer from any mental illness or other conditions that may cause an attack while driving and result in the driver being unable to operate the vehicle safely.
- If you are taking medication, please confirm with your doctor whether the medication will adversely affect your ability to operate the electric wheelchair.
- Check the vehicle's condition to confirm that the brake and various functions are normal, the seat is locked, and the battery charge is sufficient.
- Never expose the electrical system of this vehicle to humid environments (such as rain, snow, or fog). Do not wash this vehicle with water, as it will damage the electrical system. If the power chair becomes wet, it should only be used after it has dried and its condition is confirmed to be good.
- Do not drive the power chair under hostile weather conditions, such as rain, snow, fog, strong winds, or temperatures below -20°C or above 40°C. The electrical system may be damaged under these conditions, causing control failures.
- Do not drive the power chair on deserts, beaches, muddy roads, roads with pooled water, icy roads, excessively smooth roads, or saline and alkaline lands to prevent impairing the vehicle's driving capability.

Attentions After Operation

- If you are not going to use the power chair for over 48 hours, please turn off the power switch.
- When transporting the power chair in other vehicles, ensure the battery is securely fixed.

Battery Usage

- **Auxiliary Charge:** If the delivery time is short, users can directly use the battery. If the delivery time is longer (2 months or more), the battery will lose power during storage and transport. It is better to charge the battery before use. To charge it, plug the exclusive charger into the battery-charging hole and connect to an AC100-240V power source for 6-8 hours until the charger indicates it is fully charged.
- **Normal Charge:** The operation of the power chair discharges the battery. The battery should be charged immediately after using the power-assisted vehicle. Please turn off the power if the chair is not being ridden.
- **Battery Connection:** The connectors of the battery box should be tightly fixed according to the requirements (the battery box connecting line has been reliably connected before leaving the factory). Loose or incorrect connections will cause the related parts to function abnormally and may lead to serious damage.
- **Handling Lithium Batteries:** Lithium batteries must not be near open flames or high-temperature heat sources, should not be thrown into water, and should not be exposed to the sun during high-temperature seasons.
- **Disassembly:** Do not disassemble or decompose the lithium battery, as its internal components are packaged securely.
- **Battery Disposal:** The waste lithium battery of the product should be recycled by the enterprise, dealer, or government-designated outlets. Please do not throw away the waste battery to prevent environmental pollution.

Other Safety Instructions

- Check all screws and ensure they are tight every three months.
- Do not carry passengers.
- Do not drive across a slope.
- Do not drive under the influence of alcohol.
- Do not trail or attach the wheelchair to other vehicles.
- Do not turn on or use hand-held personal communication devices such as radios or cellular phones while driving.
- Do not drive the power wheelchair without thoroughly reading this instruction manual.
- Do not exceed the safe climbing maximum angle.
- Do not use the joystick in an erratic manner when going up or down inclines.
- Do not carry any passengers or exceed the maximum user weight limit when driving the power wheelchair.
- Do not press the On/Off button of the controller while the power wheelchair is moving. This can cause the electromagnetic brakes to fail or damage the joystick controller.
- Do not drive over deep and soft terrain such as soft dirt, loose gravel, or deep grass.
- Do not attempt to climb stairs higher than 50mm (2") unless a slide way is installed.
- Do not disassemble the power wheelchair unless the electromagnetic brakes are engaged, and the joystick controller is turned off.
- Do not operate the power wheelchair if there is no one sitting on it.
- Do not drive the power wheelchair on the roadway; use the footpath only.
- Do not change direction or reverse until the power wheelchair has come to a complete stop.
- Always engage a slow speed when going down gradients by moving the joystick to the central position.
- Always use the safety belt while operating the wheelchair.
- Keep your feet on the footrest while driving.
- Ensure the batteries are fully charged before starting your journey.
- Charge the power wheelchair in a well-ventilated area to prevent any possible risk.
- If the screw in the centre of the wheel is loose, replace it with the same screw from the standard configuration using a wrench.

PowerCruise Venture+ Recline Wheelchair





















- When passing a slope, move the seat as far back as possible for stability.
- As a driver of an electric wheelchair, you must follow all regulations applicable to drivers.
- Ensure there is no obstacle behind you when braking.
- It is recommended to keep the speed at the lowest setting when reversing.
- Avoid emergency braking, irregular shaking, or emergency turning.
- Keep your arms on or in the armrest and your feet on the footrest while operating the wheelchair.
- Do not cross curbs or roadsides higher than 5mm.
- Do not cross gaps wider than 10cm.

Precautions When Driving on Slopes

- Driving on a slope is much more dangerous than driving on a flat road. Please observe the following precautions to prevent falling or losing control, which can cause serious harm to users and others.
 - Do not climb slopes that exceed 12°.
 - Do not reverse when climbing a slope as it may cause a rollover.
 - Do not drive on slopes with a side angle greater than 3°. Driving on such slopes can easily lead to rollovers.
 - Avoid driving on soft, uneven, or unprotected surfaces such as grass and gravel.
 - Slow down when going downhill. It takes longer to stop the wheelchair completely when braking downhill.
 - Do not attempt to climb up and down slopes abruptly.
 - Always stop the wheelchair before getting on or off.

Safety Symbols

The product may have safety warning labels attached to it, explained below. Understand the symbols on your product and their meanings. If any stickers become unreadable, unattached etc., replace them.

 <p>Flammable Material Hazard Flammable liquids, gases, or substances etc may present. Avoid ignition sources and open flames. Danger of fire.</p>	 <p>Read User Manual Read and fully understand product safety warnings, operation, procedures etc before using the product.</p>	 <p>Use Hand Protection Wear appropriate hand protection and take due care as the product or use of the product may present hand hazards.</p>	 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>
 <p>Electrocution / Electrical Shock Hazard High voltage or high current electricity may be present or required by the product. Take due care when handling electrical products, cables, plugs and leads. Electrical shock can be fatal.</p>	 <p>Toxic Fumes / Dust Hazard Using the product or by-products from use may produce fumes, smoke or particles that could be harmful if inhaled. Wear appropriate breathing protection and have adequate ventilation.</p>	 <p>Explosive Material Hazard Combustible liquids, gases, or substances etc may be present. Avoid ignition sources and open flames. Danger of explosion.</p>	 <p>Cutting / Amputation Hazard The product may have blades, edges or mechanical devices that can cause severe cut injury to fingers, limbs etc. Take due care when handling and using the product.</p>
 <p>Crush Hazard The product may have blades, edges or mechanical devices that can cause severe crush injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Single Operator Only The product must be operated by a single person only. More than one person operating the product may introduce additional hazards.</p>	 <p>Use Face Protection Wear appropriate full-face protection and take due care as the product or use of the product may present face and eye hazards.</p>	 <p>Use Foot Protection Wear appropriate foot protection and take due care as the product or use of the product may present foot hazards.</p>
 <p>Use Eye / Ear / Head Protection Wear appropriate eye and / or ear and / or head protection and take due care as the product or use of the product may present eye, hearing, and head hazards.</p>	 <p>Running Hazard Do not run on or near the product as doing so may present a fall hazard.</p>	 <p>Diving Hazard Do not dive into the product as doing so may present a neck / head injury hazard.</p>	 <p>Adult Supervision Required Always supervise children and other users of a product to prevent drowning or injury.</p>
 <p>Skin Penetration / Puncture Hazard The product may produce pressure, emit liquids or objects that can cause severe injury to fingers, limbs, blood etc. Take due care when handling and using the product.</p>	 <p>Hot Surface Hazard Be aware that the product may produce high temperatures and hot surfaces that can cause burn injuries.</p>	 <p>Flying Debris Hazard Be aware that the product or use of the product may present hazards produced by flying debris. Wear appropriate clothing and protective devices.</p>	 <p>Moving Parts Hazard Be aware that the product contains or uses mechanical devices that move or rotate. Always wait for moving parts to stop fully before handling the product, adjusting, maintenance etc.</p>

















 <p>Carbon-Monoxide Hazard Do not use the product in confined areas or without adequate ventilation. Carbon-monoxide poisoning can be fatal.</p>	 <p>Pull Hazard Be aware that the product contains or uses mechanical devices that can pull in objects and can cause severe injury to fingers, limbs etc. Take due care when handling and using the product.</p>	 <p>Slope / Fall Injury Hazard Be aware that using the product on sloping surfaces or in slippery conditions may present additional dangers from falls and contact with blades, moving parts, hot surfaces etc.</p>	 <p>"Slam Dunk" Warning Do NOT attempt "slam dunk" manoeuvres as this may result in severe injury due to falling, product breakage or collapse etc.</p>
 <p>Electrocution / Electrical Shock Hazard - Outdoor High voltage or high current electricity may be present or required by the product. Do NOT use in rain, damp, or wet conditions. Electrical shock can be fatal.</p>	 <p>Electrocution / Electrical Shock Hazard - Disconnect High voltage or high current electricity may be present or required by the product. Always disconnect the product from the electrical supply before handling the product, adjusting, maintenance etc.</p>	 <p>Power Line Electrocution Hazard High voltage / high current power lines may be present. Use extreme caution to avoid contact or interference with power lines. Electrical shock can be fatal.</p>	 <p>"Kick-Back" Hazard High level of "kick-back" hazard that can cause the machine to suddenly rotate towards operator. Kick-back injury can be fatal.</p>
 <p>Winch Operator Position Hazard Do NOT stand between winch and load. Do NOT use winch to move people.</p>	 <p>Winch Lift Hazard Do NOT LIFT load vertically. Use machine to PULL only.</p>	 <p>Cable Hazard Ensure that load bearing cable is not kinked or knotted.</p>	 <p>Winch Cable Hazard Ensure that there is a minimum number of cable coils on winching mechanism.</p>
 <p>Winch Hook Hazard Carry hook to load – do NOT throw or run.</p>	 <p>Flash / Blinding Hazard Wear appropriate eye protection for welding. Direct exposure to weld arcs may cause permanent eye injury.</p>	 <p>Laser Hazard Laser may be in use – do NOT look directly at laser or allow others to.</p>	 <p>Choking Hazard Children under 8 yrs. Can choke or suffocate on small parts. Adult supervision required.</p>

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Specifications.....

Parts Identification



No.	Name
1	Headrest
2	Manual recline latch
3	Battery
4	12" rear wheel
5	8" front wheel
6	Armrest
7	Safe belt
8	Adjustable footrest
9	Pedal

Spare parts available for purchase, scan QR code below:



No.	Name
10	Headrest fixing bolt
11	Backrest adjustment air rod
12	Folding latch
13	Manual & power latch
14	Anti-tip wheel
15	Joystick

Assembly

Headrest Installation

1. Take out the headrest from the carton.



2. Insert the headrest into the back rest.



Star bolt

3. Lock the headrest.

Using the Reclining lever



Reclining the Backrest:

1. **Initiate Recline:** Pull back the backrest recline handle.
2. **Lie Down:** As you pull the handle, simultaneously lie down to adjust the backrest to your desired reclining position.

Sitting Up:

1. **Initiate Sitting Up:** Pull the recline handle again.
2. **Sit Up:** While pulling the handle, sit up to return the backrest to its upright position. The backrest will reset automatically.

Ensure to use the recline and pull rod carefully to maintain comfort and avoid damage to the mechanism. Regularly check that the handle and rod are functioning correctly and smoothly.

Footrest Options

You can choose between a normal non-adjustable footrest or an adjustable and detachable footrest.



Adjustable and Detachable Footrest:

- **Installing the Footrest:** Plug the footrest into the base of the power chair.



- **Adjusting the Footrest:** Adjust the footrest by tightening or loosening the quick-release screws.



- **Levelling the Footrest:** Adjust until the footrest is level and at a comfortable height.



Ensure the footrest is securely attached and properly adjusted for comfort and safety. Regularly check the screws and connections to maintain the footrest's stability.

Joystick Installation

1. This is the joystick controller.



2. Take the wheelchair and spare parts out of the packing box.

3. Attach the controller to the right or left armrest of the power chair, according to the user's preference.



Ensure the joystick is securely attached and easily accessible to the user for comfortable and efficient operation. Regularly check the attachment to ensure it remains secure.

Operation

IMPORTANT! When attempting to stand you must ensure the footrests have been flipped up prior to attempting to exit the chair. Assistance may be required to exit the chair. A qualified carer is recommended when traveling up or down an incline. Do not stand directly on the wheels, do not place any weight directly on the wheels. When sitting on the seat ensure the brakes are engaged and the user is balanced towards the back of the seat. Do not lean forward. The wheelchair is not designed for transiting a patient through long distances or for use on rough, uneven surfaces.

Practice Before Operation

WARNING! Failure to follow the instructions below may result in damage to the electric wheelchair or serious injury.

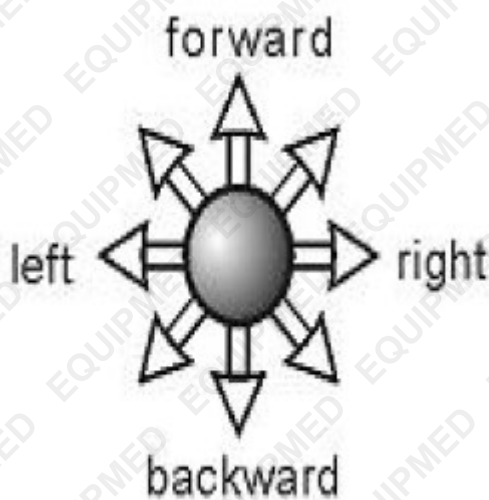
- Choose an open area such as a park for your practice. Having an assistant to help you is recommended.
- Ensure the power is off before getting on or off the seat.
- Adjust the speed control button to the appropriate speed you need for your driving.
- We recommend keeping the speed at the slowest setting until you are familiar with the driving characteristics of the vehicle.

Stop, Forward, and Reverse Operation Practice

To practice operating your electric wheelchair:

- **Push the Joystick Forward:** Move the joystick forward to drive the wheelchair forward.
- **Pull the Joystick Backward:** Pull the joystick backward to drive the wheelchair in reverse.
- **Release the Joystick:** Release the joystick to stop the wheelchair.

Refer to the directional diagram below for visual guidance on joystick operation. Practice these movements in a safe, open area until you are comfortable with the controls.



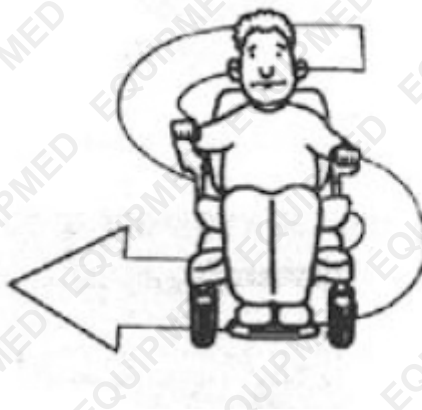
Move Forward

- Set the speed to the lowest setting.
- Practice moving forward until you are comfortable with the controls.



Practice "S" Turns

- Once familiar with moving forward, practice making "S" turns.
- Ensure you are comfortable manoeuvring the wheelchair in both directions.



Practice Reversing

- After mastering forward movement and turns, practice moving backward.
- Pay attention to speed control when reversing to ensure safe operation.



ATTENTION: Electric wheelchair buyers or users should use the wheelchair in the electromagnetic environment specified in tables 201, 202, 204, and 206. Failure to do so may result in improper operation of the electric wheelchair.

Portable and mobile radio frequency communications equipment may affect the normal use of the electric wheelchair. Please use the wheelchair in the recommended electromagnetic environment.

WARNING! Using accessories and cables other than those provided by the manufacturer may increase emissions or decrease immunity of the electric wheelchair.

The electric wheelchair should not be placed close to or stacked with other equipment. If it is necessary, observe its proper functioning using the recommended configuration.

Follow the instructions below to reduce the risk of brake failure or serious damage to the electric wheelchair:

- Do not turn on hand-held personal communication devices, such as citizens band (CB) radios and cellular phones, while the powered wheelchair is turned on.
- Be aware of nearby transmitters, such as radio or TV stations, and try to avoid coming close to them.
- If unintended movement or brake release occurs, turn the powered wheelchair off immediately to ensure safety.
- Adding accessories or components, or modifying the powered wheelchair, may make it more susceptible to interference from radio wave sources. Note that there is no easy way to evaluate the effect on the overall immunity of the powered wheelchair.
- Report all incidents of unintended movement or brake release to the powered wheelchair seller and investigate whether there is a nearby radio wave source.

Immediate Action Required! Turn off the electric wheelchair power supply immediately if the following occurs:

- Sudden movement
- Uncontrolled operation direction
- Brake failure

Terminologies

- Joystick: The device used to move the power chair.
- Controller: The device that allows the joystick to function.
- Armrests: Supports where arms can rest during time spent on the power chair.
- Footrest: A support where feet can rest during time spent on the power chair.
- Anti-tip Wheels: Wheels that allow slight tipping or prevent tipping while driving.
- Drive Wheel: The main wheels that move the power chair.
- Caster Wheel: The front wheels of the power chair.

WARNING! Do not use the electric wheelchair if the motor is unlocked. Do not disassemble the motor as it may cause the vehicle's performance to decline, resulting in damage.

Joystick Features



Joystick Controller Operation Instructions

Assembling the Controller:

1. Install the controller on the controller connection.
2. Adjust the controller connection tube to the appropriate length, then tighten the star bolt.
3. Plug the connectors into the left and right motors and the battery.

① Joystick

② Front control panel

③ Charging Port

**Operation of the Controller:**

- Try to avoid knocking the controller, especially the joystick.
- Do not beat the controller and the joystick while travelling.
- Do not hit the controller.
- When operating the wheelchair, ensure that the control system is safe and reliable.

Operating environment:

- Do not keep the control system and its components in a humid environment for long periods of time.
- If the control system comes into contact with food or drink, clean it up promptly.

Cleaning:

- Dilute deodorant cleaner and use a cloth to wipe the control system and the joystick.
- Be particularly careful when wiping the joystick.
- Do not use abrasives or similar cleaners.

On/Off Button and Power Display**On/Off Button:**

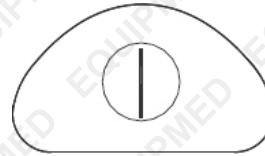
- The on/off button supplies power to the electronic components of the control system and the wheelchair motor.
- In emergency situations, you can use the on/off button to stop the wheelchair.

Power Display:

- The power display shows the current battery power of the wheelchair.
- The indicator light shows that the wheelchair is turned on.
- The power display also indicates the status of the wheelchair. Refer to the "Controller Status Indication" for details.

Turning On the Power:

1. Press the power button.
2. Each indicator will light up.
3. The display will show the current battery charge status.



Turning Off the Power:

1. Press the power button.
2. The indicator light will turn off.

Joystick

- The main function of the joystick is to control the speed and direction of the wheelchair.
- The joystick can control the wheelchair to travel in any direction. The extent of the joystick's movement will determine the wheelchair's speed in that direction.
- The farther the joystick is moved from the centre, the faster the wheelchair runs.
- When you release the joystick, the wheelchair automatically brakes.

Speed Display (S1-S5)

- The speed display indicates the wheelchair's speed setting, with a total of 5 levels.
- S1 is the lowest speed, and S5 is the highest speed.

Horn

- Press the horn button to produce a sound.

Deceleration Button

- This button reduces the speed setting. The corresponding speed indicator lights will turn off.
- This button has no effect while the wheelchair is moving.

Acceleration Button

- This button increases the speed setting. The corresponding speed indicator lights will turn on.
- This button has no effect while the wheelchair is moving.

Self-Help Guidance

If a system failure occurs, check the position of the flashing light on the speed display and battery indicator. Refer to the "Controller Status Indication Description" list to identify the issue based on the corresponding abnormal sound and follow the recommended steps for troubleshooting.

Error Indication	Malfunction	Solution
All LED lights are off, no sound	The power is off or in standby, and the power cord is in poor contact.	Check if the power plug is disconnected.
All LED lights are on	The power supply is turned on and the power-on self-test passes. The product can be used normally.	
The leftmost red LED is on, and the voice alarm sounds	Extremely low power supply	Charge in time or replace the bad battery.
Two long sounds after two short sounds	Left motor failure	Check whether the left motor connector is plugged in and the connection is good.
Four long sounds after two short sounds	Right motor failure	Check whether the right motor connector is plugged in and the connection is good.
Six long sounds after two short sounds	Controller over-current status	After a heavy load, check whether the vehicle exceeds the rated load, then turn it off and restart.
Seven long sounds after two short sounds	Joystick problem	When the controller switch is turned on, ensure the joystick is released and in the centre position. After adjusting the joystick, turn off and on again.
Eight long sounds after two short sounds	The controller itself is faulty	Replace the controller.
Nine long sounds after two short sounds	The controller itself is faulty	Replace the controller.

Power to Manual Mode

- **Manual Mode:** Push the handles down on both sides of the motor to enable manual mode, allowing you to push the wheelchair manually.
- **Power Mode:** Pull the handles up to switch back to power mode, enabling joystick control.



Folding Your Power Wheelchair

1. Locate the folding latch on the backrest and press it.



2. Grab the push handle and push it forward.



3. As you push the handle forward, the power wheelchair will fold.



Voice Feedback

To turn OFF, press and hold the + button for 3 seconds, then press the horn button. Now restart the unit by pressing the power button and the voice feedback will be disabled.

Adjusting the Controller Length

1. Locate the star bolts under the armrest and loosen them.
2. Pull the controller bracket outwards to the desired length.
3. Once the bracket is at the proper position, lock the star bolts to secure it.

Installing the Controller on the Left Side:

1. Remove the controller bracket from its current position.
2. Install the controller bracket on the left armrest as needed.
3. Adjust the controller bracket to the proper length and lock the star bolts as described above.



Back Flip Rotating Armrest

1. **Unlock the Armrests:** Push the small button on the outside of the left and right armrests down. This will put the armrests in a loose state.
2. **Rotate the Armrests:** Once the armrests are loose, they can be turned back.



Assistance for Users:

- **For Users Unable to Bear Weight on Their Legs:** If the user's legs cannot bear any weight or if they cannot turn the armrest independently, an assistant should help turn the armrest of the wheelchair.
- **Training for Assistants:** Any assistant helping a wheelchair user must undergo appropriate training in handling wheelchairs to ensure safe and proper assistance.

Removing the Battery

1. Disconnect the power plug from the battery.



2. Hold down the locking catch to disengage the battery from the frame. Pull out the battery compartment.



Battery Use

The electric wheelchair uses a 24V battery. This is a maintenance-free, sealed lithium battery designed to handle deep discharges. Although they are similar in performance to car batteries, they are not interchangeable. Car batteries are not designed for long periods of deep discharge and are not safe for use in electric wheelchairs.

Battery Charge and Discharge

To maximize the efficiency of your wheelchair battery, follow these guidelines:



- Fully charge the battery during initial use to achieve 90% efficiency.
- When using the electric wheelchair at home or in your yard, start slowly and do not drive too far away until you adapt to the control system and the battery discharge is complete.
- Charge the battery for 6 - 8 hours, then re-operate the wheelchair. The battery can now use more than 90% of its potential.

- After 4-5 cycles of complete charge and discharge, the battery will reach 100% efficiency and continue to perform well over a long period.

Important Information About the Battery

- **Frequent Charging:** Frequently charged batteries provide reliable performance and a long battery life. Try to keep your battery fully charged as much as possible, and regularly discharge it. Not charging often or not fully charging can cause permanent damage to the battery, resulting in unreliable operation and reduced battery life.
- **Infrequent Use:** If you do not use your electric wheelchair often, you must charge it once every week to ensure battery activity.
- **Shipping Your Wheelchair:** If you plan to ship your wheelchair, contact the shipping company in advance to ensure the wheelchair meets their special transportation requirements.
- **Maintenance-Free Batteries:** The fully enclosed lithium batteries are designed for wheelchairs and other mobile vehicles. These batteries are safe, green, and environmentally friendly. For specific packaging and shipping instructions, contact the public transport department.
- **Battery Replacement and Disposal:** Replace and dispose of used batteries according to relevant state regulations.

Charger

The charger is a crucial part of your wheelchair, providing energy through a safe, fast, and easy process. Even though your electric wheelchair is designed to be maintenance-free, we recommend performing the following checks regularly:

- **Motor Carbon Brush:** Every six months, have the local dealer check the motor carbon brush.
- **Joystick/Controller:** Keep the controller away from damp air, as moist air can easily damage it and void the warranty.
- **Battery Cable:** Check the battery cables to ensure they are not corroded.
- **Cleaning Your Wheelchair:** Clean your wheelchair with a damp cloth. Do not use water to clean your wheelchair.

Charger Usage:




- Ensure the charger's rated input voltage (AC100-240V) matches the grid voltage.
- Connecting for Charging:
 1. First, connect the battery to the charger.
 2. Then, connect the charger to an AC power source.
 3. The charging indicator will turn red, indicating it is charging.
 4. When the indicator turns green, it will take an additional 15 minutes to be fully charged.
 5. The total charging time is about 6-8 hours, depending on the remaining battery level.
- Place the charger in a safe location where children cannot touch it.
- It is advised not to use the wheelchair until the battery is fully charged.
- Do not use chargers or batteries from other brands, as they may not be compatible.
- Do not disassemble the charger, as it contains high-voltage circuits.

PowerCruise Venture+ Recline Wheelchair

- Prevent liquids and metal particles from penetrating the charger.
- Avoid dropping or impacting the charger to prevent damage during use and storage.
- Do not place any items on the charger while it is charging.
- Fully charge the battery and turn off the power before storing the wheelchair.
- Charge the battery every three months if the wheelchair is not in regular use.

Lithium Battery Care and Maintenance

Top 3 Battery Care Requirements

1. **Charge battery before first use.** The battery may arrive with some charge, regardless of this the battery must be charged for 6 - 8 hours on the initial charge and 6 - 8 hours for each subsequent charge. 
2. **Charge battery immediately when it is depleted.** Do not store a depleted battery. This will permanently impact the life of the battery. If the battery is going to be stored for a period of time, fully charge the battery before storing. 
3. **Disconnect battery when not in use.** To prolong the life of a battery, disconnect it from the unit when not in use. Disconnect chargers from the battery once charged. 

To ensure the battery maintains optimum performance, follow the guidelines outlined below.

- For best results, charge batteries in temperatures between 10°C and 30°C
- When battery is charged, disconnect the charger from the power supply and remove the battery from the charger.
- If a battery is stored or otherwise unused for an extended period, and the battery has no charge remaining when you check it, consider it to be damaged. Do not attempt to recharge it or to use it. Replace it with a new battery.
- Use only with the battery charger specified by the manufacturer.
- Ensure that the battery charger electrical cord is not subjected to damage or stress. Do not operate the battery charger if it has a damaged electrical cord or plug.
- Do not use the charger in wet areas or expose it to rain or water.
- The typical estimated life of a Lithium-Ion battery is about two to three years or 300 to 500 charge cycles, whichever occurs first. One charge cycle is a period of use from fully charged, to fully discharged, and fully recharged again.
- Explosion hazard – protect the battery against heat, for example, direct sunlight and fire. Do not store batteries in vehicles or locations subject to heat.
- Batteries can explode in the presence of an ignition source, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. Exploding batteries can propel debris and chemicals.
- Do not open the battery – danger of short-circuiting and/or explosion.
- Do not attempt to destroy or disassemble the battery pack or remove any of its components.
- Do not touch the battery terminals with metal objects and/or body parts as short-circuit and/or personal injury may result.
- Explosion hazard – do not open and/or short-circuit the battery.
- Poison hazard – battery leakage (liquid ejection). Under extreme conditions, liquid may be ejected from the battery – avoid contact. If contact accidentally occurs, immediately seek medical attention, and flush with water. If liquid contacts eyes, immediately seek medical attention, flush with clean water for at least 10 minutes. Liquid ejected from the battery may cause irritation or burns.
- Dispose of non-serviceable batteries in an environmentally responsible manner and according to local regulations.

Failure to adhere to the requirements above may result in the battery becoming inoperative or battery life being reduced. In extreme cases or abuse, battery overheating, or fire may result.

DANGER - BATTERY CHARGING, USE AND STORAGE

Like mobile phones, laptops, cordless vacuum cleaners etc, this product may contain or be related to a lithium ion battery pack (lithium ion batteries and lithium ion battery related items only). Lithium ion batteries allow fast charging and high capacities, however care must be taken to reduce chances of a fault, and increase safety in case a fault occurs. Catastrophic incidents involving lithium ion batteries have a tendency to result in large amounts of smoke and fire. Be sure to follow the points below to reduce the likelihood of danger whenever you use, charge or store any lithium ion battery.

- Never charge a battery that has been damaged or subjected to a forceful impact.
- Never charge a battery that has been exposed to moisture or water.
- Never charge a battery with a charger that wasn't supplied with the battery.
- Never use a battery in a device that it wasn't specifically designed for.
- Never use a battery with a modified or damaged device.
- Never modify the battery, product, charger, circuitry or wiring.
- Never charge a battery in an exit path that may be used by people to leave a room or building in case of an emergency, for example, the hallway or foyer of a residence.
- Never charge a battery in an area or building that doesn't have the recommended number of working smoke detectors that have been tested in accordance with local guidelines.
- Never charge a battery when the battery or charger is displaying a problem or charging incorrectly.
- Always charge batteries on a non-combustible surface, for example, on a concrete floor.
- Always charge batteries at least 3m away from anything combustible, such as floors, wall surfaces, furniture, storage shelves etc.
- Always charge batteries in an open area (outside if possible) ensuring the battery and charger are away from moisture and water.
- Always disconnect batteries from the charger after charging.
- Always remove or disconnect batteries from the device/product when not in use.
- Always ensure batteries are charged under adult supervision. Do not charge unattended. Do not charge batteries while no one is home or while people are sleeping.
- Keep batteries away from heat and moisture.
- Damaged batteries should be disposed of through your local e-waste collection service.
- Avoid mixing and matching chargers. Unplug products when fully charged, and charge batteries in a cool, dry place away from combustible materials like beds, lounges, or carpet.
- During charging and use, check your lithium-ion batteries for overheating, signs of swelling, leaking, or venting gas. Immediately stop using your product if these signs are present.
- Allow batteries to cool after use and before charging.

Maintenance

Your electric wheelchair is designed to be maintenance-free. However, we recommend performing the following checks on a regular basis:

Motor Carbon Brush

- Every six months, have the motor carbon brush checked by a local dealer.

Joystick/Controller

- Ensure that the controller is kept away from damp air, as moisture can easily damage it and void the warranty.

Battery Cable

- Check the battery cables regularly to ensure they are not corroded.

Cleaning

- Clean your wheelchair with a damp cloth.
- Do not use water to clean your wheelchair.

Tyre Pressure



The tyre pressure should be checked every 30 days. If the tyre is going flat, unscrew the cap on the Schrader valve and inflate the tyre to the required psi. The required psi is typically printed on the sidewall of the wheelchair's tyres.

**Not applicable to solid rubber tyres.*

Troubleshooting

Area	Tasks
B area	<ul style="list-style-type: none"> - Check the following parts monthly to avoid original parts becoming loose or worn out: <ul style="list-style-type: none"> ▪ If screws are loose ▪ Brakes ▪ Clutch for manual mode and power mode ▪ The tyres and their tread pattern depth ▪ Connectors for controller and charger
C area	<p>For safety considerations, an overall maintenance check is needed semi-annually.</p>
A area	<ul style="list-style-type: none"> - Before each use, check the following parts to ensure they are properly placed: <ul style="list-style-type: none"> ▪ Backrest ▪ Armrest ▪ Controller position ▪ Foot stand ▪ Clutch for conversion between manual mode and power mode ▪ Checking the power status of the controller

Specifications

Frame	Aluminium
Motor	2 x 250W
Seat Width	45cm
Battery	24V 12Ah Lithium
Charge Time	6 - 8 Hours
Brake	Electronic magnetic brakes
Rear Wheels	12" Pneumatic
Front Wheels	8" PVC
Safety Features	Seat belt, Anti-tip wheels
Storage	Folding back, flip up armrest, detachable battery
Max Load	130kg
Seat Height	50cm
Turning Radius	100cm
Maximum Range	15 km (condition dependent)
Maximum Climbing Gradient	13 degrees
Charger	24V 2A
Approvals	CE (battery), SAA (Charger and Power Cord)
Recommended User Height	120-190cm (4'0"-6'2")

Disclaimers: ALWAYS READ THE LABEL AND FOLLOW THE DIRECTIONS FOR USE.

Note: Minimal assembly is required



Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see www.datastreamserver.com/safety

- Consult all documentation, packaging, and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear, or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear, or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business, or employee, or financially affect the user, business, or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement, or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.

