proLite

# EVISU MAX POWERCHAIR

WATCH NOW

Scan me on your phone camera to watch our assembly video.

## USER MANUAL

PRODUCT CODE: PC02010015

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CareCo

# INTRODUCING THE PROLITE EVISU MAX POWERCHAIR

The proLite Evisu Max Powerchair has been designed to provide a comfortable and safe solution for individuals that experience difficulty in walking.

Due to CareCo's commitment to continuous product improvement, product information and designs are subject to change without notice. No claims can be made based on the data and illustrations in this user manual.

The Evisu Max is a Class I Medical Device: Class A Powered Wheelchair, limited to a maximum speed of 4MPH.

It is the responsibility of the user and/or attendant to determine if they are mentally and physically capable of using the powerchair safely. A risk assessment should be completed by a competent individual before operating the powerchair.

The latest/current version of this user manual is available on our website.

CareCo

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Thank you for choosing CareCo.

This manual can be viewed in PDF format at the following URL: **www.careco.co.uk**

## FIRST USE

Take the time to understand the powerchair's stopping duration, turning radius, joystick sensitivity and manoeuvrability.

We recommend practicing using the powerchair in an open area until confident enough to operate in smaller and/or public areas.

Operate the powerchair at a low speed before gradually increasing to a higher speed.

If any additional assembly, disassembly and/or operation assistance is required, please contact CareCo.

Keep this user manual in a safe place for future reference.

## KEY DEFINITIONS

This user manual contains warnings and suggestions marked with the following symbols:

⚠ **WARNING!** Highlights a potentially hazardous condition/situation for the user and/or product.

**SUGGESTION** General suggestions and advice for operating the product.

## Need help with assembly?

We've put together a step-by-step assembly guide to help you get your product set up safely and correctly. Just scan the QR code with your phone camera to play the video.

WATCH NOW

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# GETTING STARTED

## CARTON CONTENTS

| ITEM NUMBER | DESCRIPTION | QUANTITY |
|---|---|---|
| 1 | proLite Evisu Max Powerchair | 1 |
| 2 | Joystick Assembly | 1 |
| 3 | Seat Cushion | 1 |
| 4 | Battery | 2 |
| 5 | Charger | 1 |
| 6 | Lap Belt | 1 |
| 7 | General Maintenance Tool Kit | 1 |

We strongly recommend that you keep the box and internal packaging for the duration of your warranty period.

## PRODUCT COMPONENTS

1. Joystick
2. Armrest
3. Back Rest
4. Seat Base
5. Battery
6. Front Wheel
7. Rear Wheel
8. Footplate

## SETTING UP YOUR EVISU MAX POWERCHAIR

1. Remove all powerchair components from the outer packaging and place them onto a level surface.

2. Place the folded powerchair upright.

3. Gradually separate the backrest and base sections to open the powerchair.

4. An audible “click” will confirm the powerchair is secure.

5. Place the seat cushion onto the base of the powerchair.

6. Insert the joystick bracket into the underside of the armrest, then secure using the bolt provided.

7. Connect the joystick cables together.

8. Lower the footplate.

9. Insert both batteries into the lower frame holders.

   An audible “click” will confirm the battery is secure.

10. Lower the red lever(s) downwards to lock the armrest(s) into position.

11. Pull & hold the anti-tip wheel(s) to unhook the locking pin.

12. Lower the anti-tip wheel(s), then release to secure the position.

13. Loop the lap belt through the frame at the base of the backrest to attach it to the powerchair.

14. Charge the battery for 8-12 hours before first use.

**SUGGESTION** Subsequent charging times range from 6-8 hours. Visit "Charging your Powerchair" for more information.

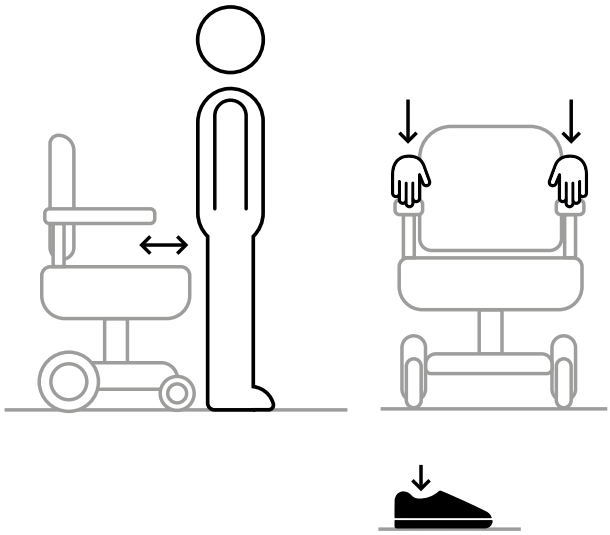
# HOW TO USE YOUR POWERCHAIR

## USER INSTRUCTIONS

TRANSFERRING TO & FROM

Always ensure the powerchair is switched [OFF] and in [DRIVE] mode before getting in/out of the powerchair.

**METHOD 1**



**TRANSFER TO**

Position your body as close to the powerchair as possible.

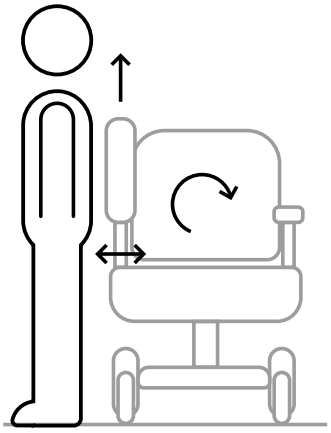
Support your body using the armrests, before lowering into the seat.

**TRANSFER FROM**

Support your body using the armrests and place your feet on the ground.

Push upwards to lift out of the seat.

**METHOD 2**



**TRANSFER TO**

Position your body as close to the powerchair as possible.

Raise the armrests.

Slide your body onto the seat then rotate.

Lower the armrests.

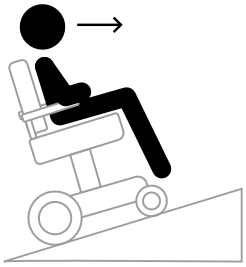
**TRANSFER FROM**

Raise the armrests.

Rotate your body and lift out of the seat.

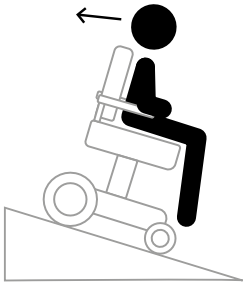
Lower the armrests.

## GRADIENTS



### Ascending Gradients

Tilt your upper body forward when travelling up gradients for increased stability.



### Descending Gradients

Tilt your upper body back when travelling down gradients for increased stability.

The maximum safe slope of incline is 6°.

## STAIRS, ESCALATORS AND LIFTS

The powerchair is not designed to travel up/down stairs and escalators. Use a lift whenever possible

## DOORS & GATES

Determine whether the door/gate opens towards or away from the user.

Reach for the handle and carefully accelerate forwards or backwards depending on the door/gate orientation.

## CORNERING

Approach corners at a speed that the user feels comfortable and in control of. If at any point the user feels like the powerchair may tip, reduce the powerchair speed.

## BRAKING TYPES

### REGENERATIVE BRAKING

- Slows the powerchair when the joystick returns to the centre position.
- Slows the powerchair when the speed limiter is exceeded.

### PARKING BRAKE

- Activates after the powerchair has come to a stop.
- Activates when the powerchair is in [DRIVE] mode and switched [OFF].

### EMERGENCY BRAKING

- Switch [OFF] the joystick while moving to immediately stop the powerchair.

> ⚠ **WARNING!** This method is for emergency situations only.
>
> Repeated use of the [ON/OFF] switch to stop the powerchair may shorten the life of the powerchair's components.

## BRAKING DISTANCE

On flat surfaces, braking distance is approximately equal to the length of the powerchair. Braking distance may increase when travelling downhill.

# JOYSTICK CONTROLS

### ⏻ ON/OFF BUTTON

Push to activate or deactivate the powerchair.

### ◀▶ ARROW BUTTONS

Push to navigate between different joystick menu options.

### − SPEED DECREASE BUTTON

Push to decrease the powerchair's speed setting.

### + SPEED INCREASE BUTTON

Push to increase the powerchair's speed setting.

## JOYSTICK

The joystick is used to control the powerchair's movement including its speed and direction (forwards, backwards, left, and right). The further the user pushes the joystick from the central position, the faster the powerchair moves.

When the user releases the joystick, it will return to the centre, and the brake will automatically engage.

**Wait for 5 seconds after switching [ON] the powerchair for the joystick to initialize.**

## UNDERSIDE OF JOYSTICK

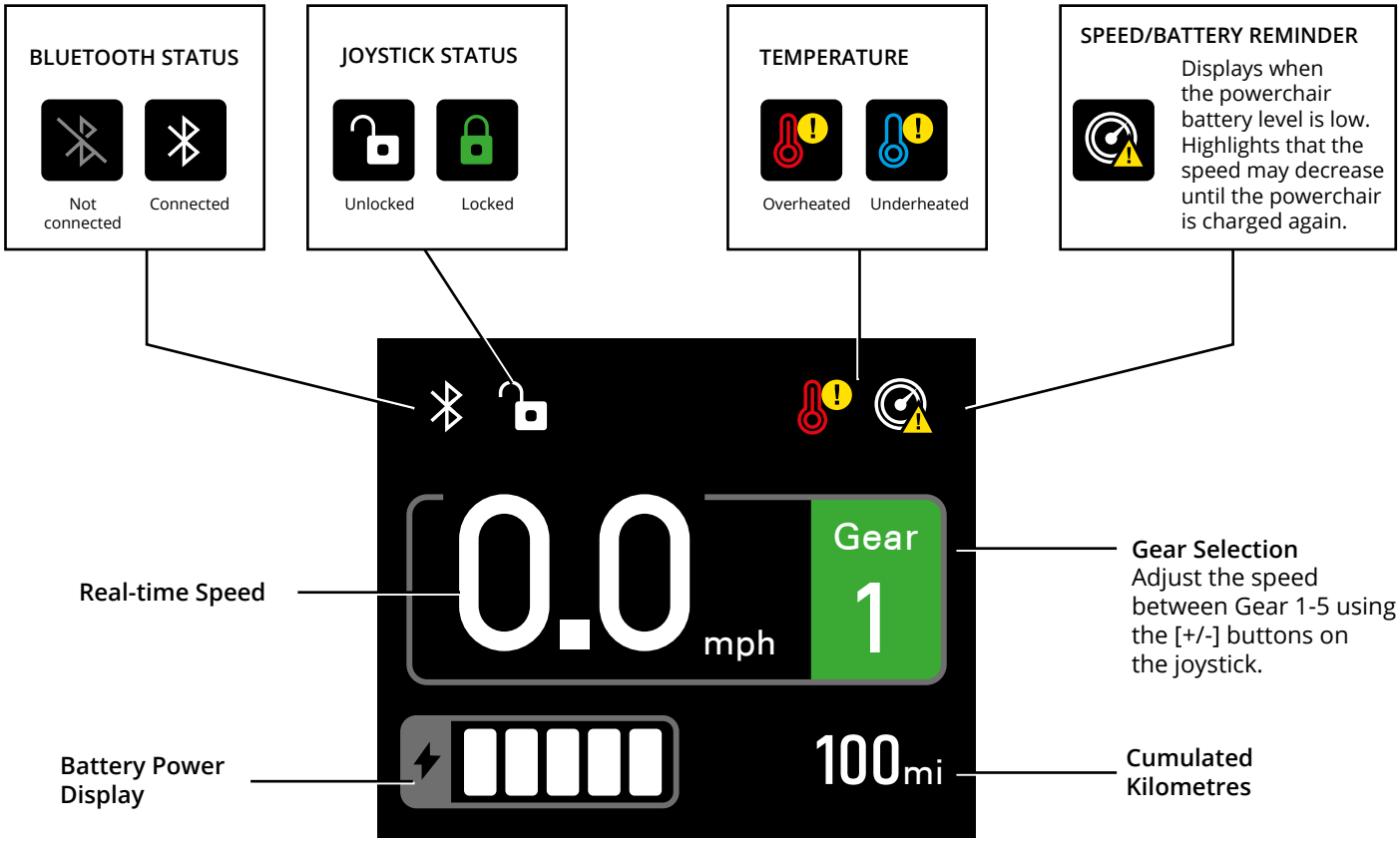
### 1. USB CHARGING PORT

Insert USB powered accessories and devices.

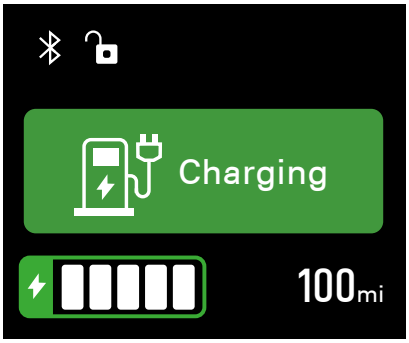
### 2. JOYSTICK CHARGING SOCKET

Insert the charger to charge the powerchair's battery.

## JOYSTICK DISPLAY

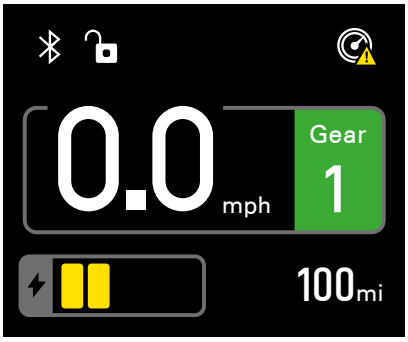



## BATTERY GAUGE



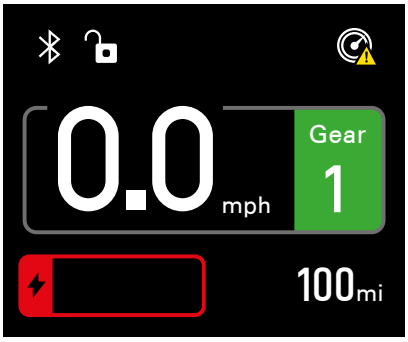

**FULLY CHARGED/CHARGING**

The 5-bar battery indicator shows that the battery is fully charged. When charging, the green icon flashes until the charger is removed from the powerchair.




**PARTLY CHARGED**

The battery indicator shows that the battery is at half capacity.




**LOW BATTERY**

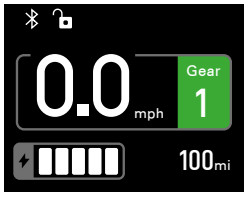
The battery indicator shows that the battery is low and should be charged soon.

## JOYSTICK MENU

Navigate between different menu options using the arrow buttons on the joystick.

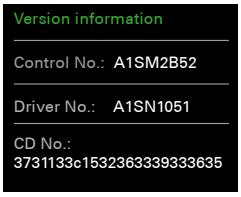
Press and hold the desired arrow button for 5 seconds to switch between three available options.

1




2

3




**1. HOME PAGE**

Displays the powerchairs real-time speed, speed setting, and remaining battery charge.

**2. QR CODE PAGE**

Displays the unique QR code which enables the user to connect the powerchair to a smart device.

**3. INFORMATION PAGE**

Displays firmware information for the powerchair.

## LAP BELT

### FASTENING

Insert the male buckle into the female buckle.

### RELEASING

Press the exposed side of the male buckle and push towards the centre while separating.

## ARMRESTS

The powerchair's armrests can be folded upwards to assist the user when transporting the powerchair, transferring, and when sitting at a desk or table.

### LIFTING

1. Lift the red lever upwards to unlock the armrest position.
2. Lift the armrest upwards.
3. Repeat on the other side.

### LOWERING

1. Lower the armrest.
2. Push the red lever downwards to lock the armrest into position.
3. Repeat on the other side.

> **SUGGESTION** When in the locked position, the powerchair is unable to fold. Ensure the armrests are unlocked whenever folding or unfolding the powerchair.

## FOOTPLATE

### LIFTING

Lift the footplate upwards to assist the user when leaving the powerchair and when storing.

### LOWERING

Lower the footplate to assist the user when travelling in the powerchair.

> **WARNING!** Do not stand on the footplate at any time.

## ANTI-TIP WHEELS

### LIFTING

This position disengages the anti-tip wheels.

1. Pull & hold the anti-tip wheel to unhook the locking pin.
2. Lift the wheel, then release to secure the position.
3. Repeat on the other side

### LOWERING

This position engages the anti-tip wheels.

1. Pull & hold the anti-tip wheel to unhook the locking pin.
2. Lower the wheel, then release to secure the position.
3. Repeat on the other side

**SUGGESTION** Anti-tip wheels improve powerchair stability and help reduce the risk of tipping. Their use is recommended for safe operation.

## POWERCHAIR MODES

### DRIVE MODE

(ELECTRONIC ASSISTED BRAKING)

Lower both red lever(s) downwards to engage Drive Mode.

(The powerchair will not be able to be moved manually).

### FREEWHEEL MODE

Lift both the red lever(s) upwards to engage Freewheel Mode.

(The powerchair will be able to be pushed manually).

⚠ **WARNING!** Do not change the powerchair's mode whilst on an incline.

**SUGGESTION** Switching [ON] the powerchair whilst in freewheel mode will activate the powerchair's automatic warning function.

# YOUR POWERCHAIR BATTERY

## BATTERY INSTALLATION & REMOVAL

### INSTALLING

Insert the battery into the lower frame holder.

An audible “click” will confirm the battery is secure.

### REMOVING

Lift the battery release clip whilst lifting the battery.

The battery will release from the frame holder.

### BATTERY INFORMATION (PER BATTERY)

| | |
|---|---|
| BATTERY TYPE | LITHIUM BATTERY |
| SPILLABLE/NON-SPILLABLE | NON-SPILLABLE |
| VOLTAGE | 24V |
| AMPAGE | 12AH |
| WATT HOURS | 288WH |

⚠ **WARNING!** Ensure the powerchair is switched [OFF] whenever installing or removing the battery pack.

# CHARGING YOUR POWERCHAIR

Your Evisu Max battery pack can be charged through your powerchair joystick (ON-BOARD) or away from the chair (OFF-BOARD) if required.

## ON-BOARD CHARGING

1. Connect the charger's 3-pin output to the socket on the underside of the joystick.
2. Connect the outlet plug to a wall socket.
3. Switch [ON] the wall socket.
4. Charge for 6-8 hours.

## OFF-BOARD CHARGING

1. Remove the battery from the powerchair frame following the instructions within this user manual.
2. Connect the charger's 3-pin output to the socket on the battery.
3. Connect the outlet plug to a wall socket.
4. Switch [ON] the wall socket.
5. Charge for 6-8 hours.

⚠ **WARNING!** Ensure the powerchair is switched [OFF] before charging.

**SUGGESTION** When charging is completed, switch [OFF] the wall socket and remove the outlet plug before removing the charger from the powerchair.

## CHARGING REGIME

Maintaining good charging habits for your powerchair will maximize battery life and range per charge.

Battery charging times range from 6-8 hours. This is dependent on powerchair usage, ambient temperature, and operating habits.

| | |
|---|---|
| **Daily Use** | If the powerchair is used daily, charge the battery at the end of each day for 6-8 hours OR until the chargers LED indicator turns green. |
| **Weekly Use** | If the powerchair is used once or twice a week, charge the battery for at least 6-8 hours once a week OR until the chargers LED indicator turns green. |
| **Monthly Use** | If the powerchair is stored for long periods of time, preserve the life of the battery by charging once every two weeks for 6-8 hours OR until the chargers LED indicator turns green. |

**SUGGESTION** The provided charging information is to be used as a general guide. Increased/decreased powerchair usage may require more/less frequent charging.

## CHARGER INFORMATION

The battery charger is fitted with a smart LED indicator that indicates when the battery is charging and when charging is complete.

| LED Indicator | Charging Status |
|---|---|
| GREEN | CHARGED |
| ORANGE | CHARGING |

**WARNING!** Do not use the supplied charger with any other electrical device.

Only charge the powerchair with the supplied charger or an official replacement.

Do not leave the powerchair on charge indefinitely.

**WARNING!** Only charge the lithium battery within the specified ambient temperature range of 5ºC to 25ºC. Charging outside this range may damage the battery, pose a safety risk, and cause the product to operate incorrectly or not work at all.

# FOLDING YOUR POWERCHAIR, TRANSPORTATION AND STORAGE

## FOLDING INSTRUCTIONS

⚠ **WARNING!** Ensure the powerchair is switched [OFF] and in [DRIVE] mode before folding and/or transporting.

**SUGGESTION** When in the locked position, the powerchair is unable to fold. Ensure the armrests are unlocked whenever folding or unfolding the powerchair.

1. Fold the footplate upwards.

2. Lift the red lever(s) upwards to unlock the armrest(s).

3. Push the rear red lever downwards whilst pushing the backrest forwards.

4. Continue to fold the powerchair until it is in the folded position.

## UNFOLDING INSTRUCTIONS

1. Place the folded powerchair upright.

2. Gradually separate the backrest and base sections to open the powerchair.

3. An audible “click” will confirm the powerchair is secure.

4. Lower the red lever(s) downwards to lock the armrest(s) into position.

## TRANSPORTATION

### CARRYING

Fold the powerchair, then carry it from the footplate/seat carry handle.

### PULLING ALONG

Push or pull the powerchair along on its wheels.

**SUGGESTION** Lift from areas that are clear from pinching points to avoid powerchair damage and personal injury.

## LAND TRANSPORT

### VEHICLE TRANSPORT

Securely stow the folded/disassembled components in the boot of a vehicle. Ensure any adjustable parts are properly secured before transport to avoid transit damage.

**WARNING!** This product cannot be used as a seat in a motor vehicle.

### PUBLIC TRANSPORT

Accessibility policies vary by operator and region. Size or weight limits may apply, and accessible spaces aren't always available. Always check with the transport provider prior to travel.

## AIR TRANSPORT

This powerchair is suitable for air transport. Before travelling, contact the airline provider to confirm their flight-specific requirements.

### AIRLINE SPECIFICATION GUIDE

The airline will require details about the powerchair and battery to determine if it is suitable for the aircraft. Acceptance is subject to airline approval and aircraft limitations.

### POWERCHAIR

| | |
|---|---|
| RETAILER | CareCo |
| MODEL | proLite Evisu Max |
| FOLDING (YES/NO) | YES |
| WEIGHT WITH BATTERIES (KG) | 27.95 |
| WEIGHT WITHOUT BATTERIES (KG) | 23.85 |
| FOLDED LENGTH (MM) | 350 |
| FOLDED WIDTH (MM) | 635 |
| FOLDED HEIGHT (MM) | 830 |

### BATTERY

| | |
|---|---|
| BATTERY TYPE | LITHIUM |
| QUANTITY | 2 |
| REMOVABLE (YES/NO) | YES |
| WEIGHT (KG, PER BATTERY) | 2.05 |
| VOLTAGE (PER BATTERY) | 24V |
| AMPAGE (PER BATTERY) | 12AH |
| WATT HOURS (PER BATTERY) | 288WH |

Additional specifications can be found at the back of this user manual.

Further manufacturer details can be found on the product identification label, located on the frame under the seat and illustrated in this user manual.

# STORING THE POWERCHAIR

## SHORT TERM STORAGE

Store the powerchair in a cool and dry environment. Do not store in extreme temperatures.

## LONG TERM STORAGE

Fully charge the battery before long term storage.

Store the powerchair in a cool and dry environment. Do not store in extreme temperatures.

Charge the battery once every two weeks to preserve the life of the battery.

## POWERCHAIR STORAGE TEMPERATURE

-5°C to 35°C

> ⚠ **WARNING!** Storing the powerchair in extreme temperatures can cause premature rusting & damage to the powerchair's electronic system.

## BATTERY STORAGE TEMPERATURE

5°C to 25°C

> ⚠ **WARNING!** Do not store the lithium battery outside the specified storage temperature range for prolonged periods. Doing so may result in reduced performance or failure to operate.

# COMFORT ADJUSTMENTS

## JOYSTICK POSITION

1. Loosen the securing knob by rotating it anticlockwise.
2. Move the joystick outwards/inwards until it is in a suitable and comfortable position.
3. Tighten the securing knob by rotating it clockwise.

⚠ **WARNING!** Ensure the joystick bracket is secure before using the powerchair.

# OPTIONAL EXTRAS

## POWERCHAIR ACCESSORY PACK

The Powerchair Accessory Pack includes everything you need to get started with your electric wheelchair.

Includes:

- Mobility Poncho
- Powerchair Joystick Cover
- Gel Comfort Cushion
- Crutch Walking Stick Bag

Contact CareCo for more information.

# SMART DEVICE CONTROL

**Connect your smart device via Bluetooth to access product information like battery level, mileage and to control your powerchair.**

**SUGGESTION** Ensure Bluetooth is switched [ON], on your smart device before continuing with the below instructions.

## DOWNLOADING THE APP

Scan the QR Code on your smart device, then follow the onscreen instructions to successfully download the **JBH HEALTH** app.

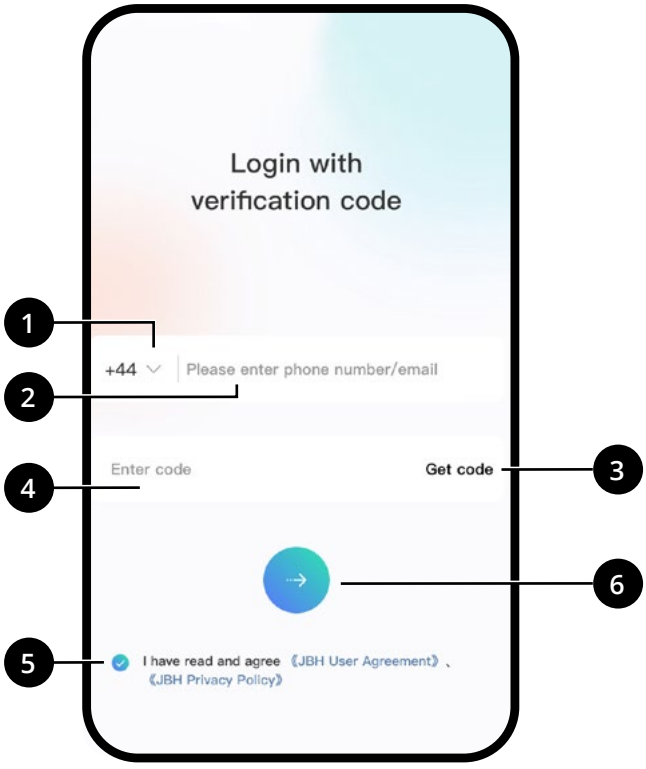
## REGISTRATION/SIGN UP

Load the app, then follow the instructions below to log in.

1. Select your country code from the dropdown list.
2. Enter your mobile phone number into the "**phone number**" box.
3. Tap "**Get Code**".

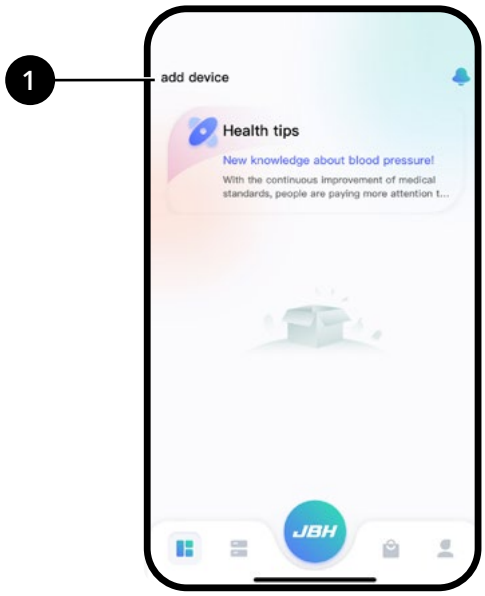
An SMS message will be sent to your mobile phone.

4. Enter the SMS code into the "**Enter Code**" box.
5. Read the user agreement policy and agree to continue.
6. Tap the arrow to log in.

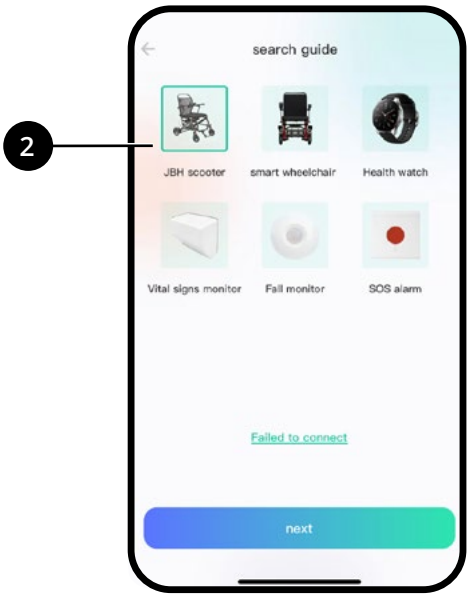


## PAIRING YOUR POWERCHAIR

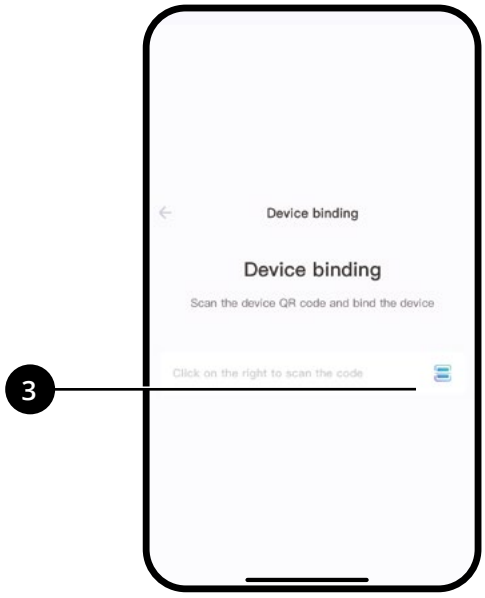
After logging in, follow the instructions below to successfully pair your Evisu Powerchair with your smart device.




1. Tap "**Add Device**" on the Main Menu home screen.

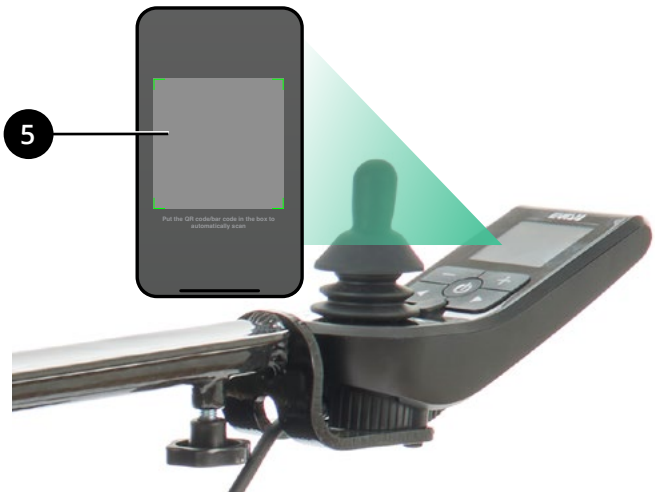


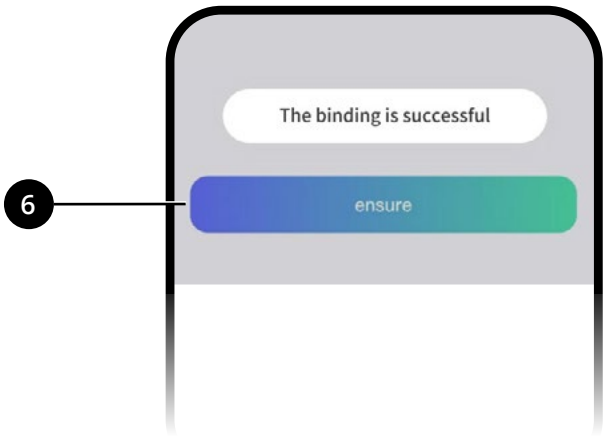

2. Select "**JBH Scooter**", then tap "**Next**".




3. Tap the "**Scan**" icon to load your smart device camera.

4. Navigate to the QR CODE PAGE on your Evisu joystick display by pressing the arrow buttons.




5. Scan the QR code on your Evisu joystick display using your smart device.

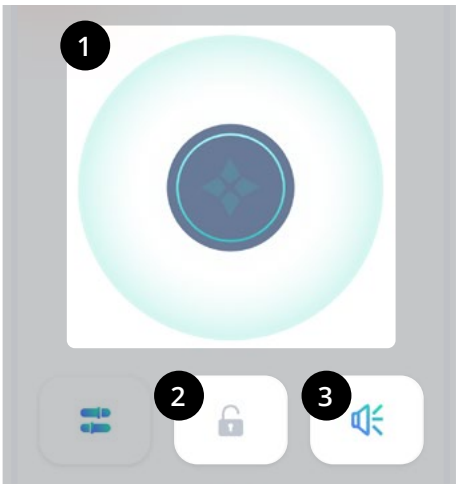
6. Tap "**Ensure**" to successfully pair your Evisu powerchair with your smart device.

**SUGGESTION** If for any reason the pairing procedure fails, switch [OFF/ON] Bluetooth on your smart device, then retry.

# DEVICE HOMEPAGE

Tap the “ ” icon within the app to access the device homepage. From this screen, you can control your powerchair as well as accessing device specific features.

## VIRTUAL JOYSTICK CONTROLS




### VIRTUAL JOYSTICK

Tap and hold the circle to control the powerchairs movement. Release to stop the powerchair at any time.

### PADLOCK

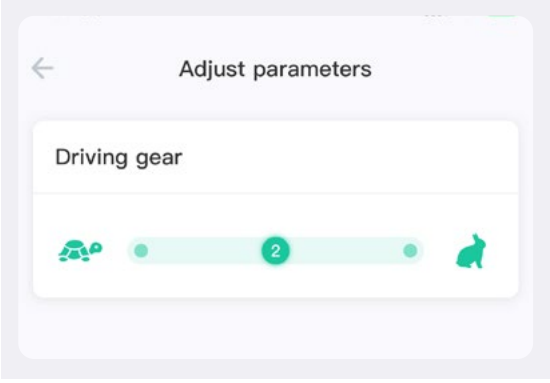
Tap to [LOCK/UNLOCK] the virtual and physical joystick at any time.

### HORN

Tap to sound the horn.

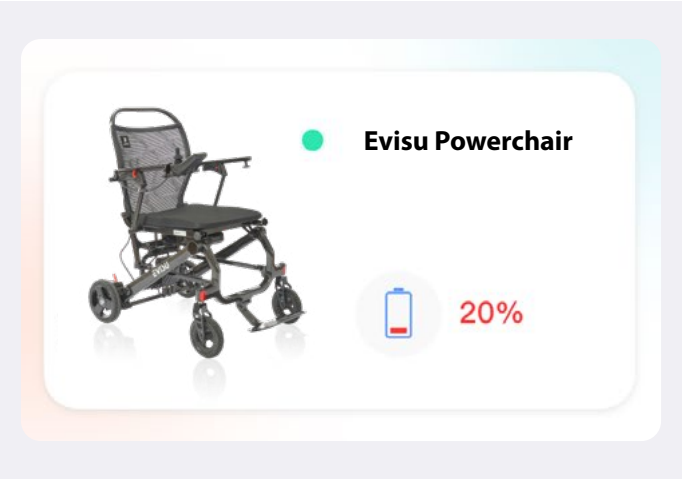
### SPEED SETTINGS

Tap the “ ” icon to access powerchair speed settings.

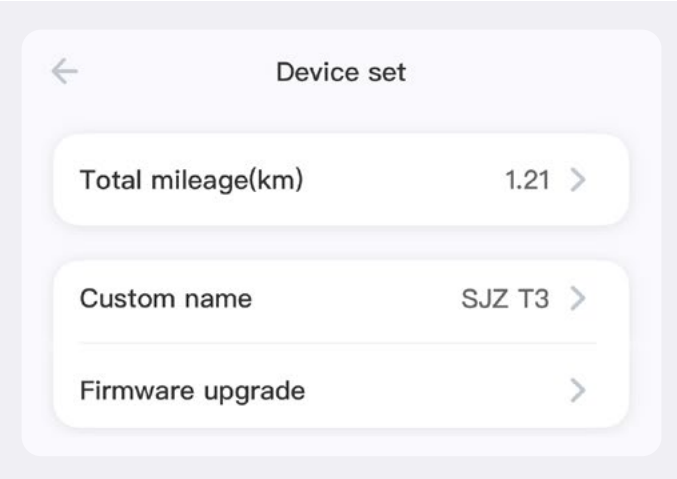



Swipe from left to right to adjust the maximum speed.

## DEVICE SETTINGS

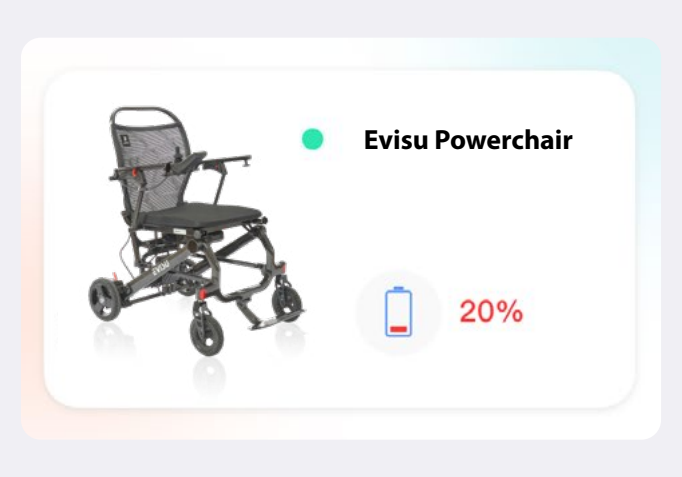



1. On the Device Homepage, tap on the powerchair to access device settings.




2. From this screen, the user can view total mileage, add a custom name for their device, and update firmware if required.

## UNPAIRING YOUR POWERCHAIR




1. On the Device Homepage, tap on the powerchair to access device settings.

2. At the bottom of the screen, tap "**Unbind**" to successfully unpair your Evisu powerchair from your smart device.

**SUGGESTION** Your Evisu powerchair can only be connected to one smart device at a time. Before connecting to another device or re-issuing, ensure the powerchair has been successfully unpaired.

# LOOKING AFTER YOUR POWERCHAIR

## PRELIMINARY CHECKS

- Ensure the powerchair is in [DRIVE] mode before setting off.
- Ensure the powerchair is switched [OFF] before getting in or out.
- Check tyres for wear.
- Check all fixings are secure.

## CLEANING

Regular use of the product will accumulate dirt and debris over time.

Use a damp cloth and mild soap to clean the powerchair before drying thoroughly with a towel.

> ⚠ **WARNING!** Do not use bleach or strong chemicals to clean the powerchair.
>
> Ensure the powerchair is [OFF] and disconnected from mains prior to cleaning.

> **SUGGESTION** Regular cleaning & maintenance can help prolong the powerchairs lifespan.

## MAINTENANCE

The powerchair is made up of components which over time will become susceptible to wear and tear.

Knowing how to properly care and maintain your powerchair will not only ensure peak performance and safe operation but will also help maintain operation for years to come.

## MAINTENANCE SCHEDULE

Carry out regular inspections to keep the powerchair in optimum condition.

| COMPONENT | INSPECTION DESCRIPTION | AT ANY TIME | WEEKLY | MONTHLY | QUARTERLY |
|---|---|---|---|---|---|
| JOYSTICK CONTROLS | Ensure the joystick controls function as intended. | O | | | |
| DRIVE/BRAKE SYSTEM | Ensure the powerchair moves normally and the brake is responsive. | O | | | |
| CONNECTIONS | Ensure the powerchair connections are free from damage and corrosion. | O | | | |
| BATTERY | Ensure the battery and any relevant connections are free from damage and corrosion. | | | | O |
| TYRES | Ensure tyres have sufficient tread and are in a good condition. | | | | O |
| FRAMEWORK | Ensure the framework is clear from debris, damage, and disassembles without issue. | O | | | |
| FASTENERS | Ensure all fasteners are tight and components are not loose. | | | | O |
| WHEELS | Ensure the wheels are aligned and drive straight. | | | | O |
| UPHOLSTERY | Check for wear and tear. | | O | | |
| OVERALL | Overall check for wear and residue build-up. Cleaning if required. | | | O | |

## REPAIRS

Certain powerchair components can be repaired by the user with guidance provided by CareCo.

Other components can only be repaired/replaced by a service technician.

If for any reason the powerchair requires repair due to a defect, contact CareCo immediately.

# TROUBLESHOOTING

The powerchair features an automatic fault warning function.

If there is an internal issue with the powerchair, the joystick will display a flash code, and the horn will sound.

| FLASH CODE | POSSIBLE CAUSE | POSSIBLE REMEDY |
|---|---|---|
| 1 | OONAPU (Out of neutral at power up). | 1. Switch [OFF] the powerchair.<br>2. Return the joystick to the centre position.<br>3. Switch [ON] the powerchair. |
| 2 | The LHS/RHS brake is in [FREEWHEEL] mode. | 1. Switch [OFF] the powerchair.<br>2. Ensure both brake levers are in the [DRIVE] position. (Downwards)<br>3. Switch [ON] the powerchair. |
| 12-14 | The joystick and/or its associated wiring has a fault. | 1. Switch [OFF] the powerchair.<br>2. Disconnect, then reconnect the joystick power cables.<br>3. Switch [ON] the powerchair. |
| 22 | Battery signal communication error. | 1. Switch [OFF] the powerchair.<br>2. Remove the battery, then reinsert it into the battery tray.<br>3. Switch [ON] the powerchair. |
| 23-24 | Low temperature charging fault. | Charge the powerchair for 6-8 hours. |
| 25 | Charging temperature is too high. | 1. Switch [OFF] the powerchair.<br>2. Wait for 10 minutes.<br>3. Switch [ON] the powerchair. |
| 26 | Charging current fault. | Contact CareCo. |
| 27 | Discharge temperature is too high. | 1. Switch [OFF] the powerchair.<br>2. Wait for 10 minutes.<br>3. Switch [ON] the powerchair. |
| 28 | Discharge current fault. | Contact CareCo. |
| 29 | Over voltage fault. | 1. Switch [OFF] the powerchair.<br>2. Wait for 10 minutes.<br>3. Switch [ON] the powerchair. |
| 30 | Under voltage fault. | Charge the powerchair for 6-8 hours. |
| 31 | Charging error. | Contact CareCo. |

| FLASH CODE | POSSIBLE CAUSE | POSSIBLE REMEDY |
|---|---|---|
| 41 | The powerchair/battery is outside of the recommended operating temperature range. | 1. Switch [OFF] the Powerchair.<br>2. Move the product/battery within the recommended temperature range.<br>3. Wait for 1 hour.<br>4. Switch [ON] the powerchair. |
| 42 | The controller and/or its associated wiring has a fault. | Contact CareCo. |
| 43-53 | The LHS motor and/or its associated wiring has a fault. | Contact CareCo. |
| 54-64 | The RHS motor and/or its associated wiring has a fault. | Contact CareCo. |
| 65 | Power stall. | 1. Switch [OFF] the powerchair.<br>2. Wait for 10 minutes.<br>3. Switch [ON] the powerchair. |
| 66 | The joystick and/or its associated wiring has a fault. | 1. Switch [OFF] the powerchair.<br>2. Disonnect, then reconnect the joystick power cables.<br>3. Switch [ON] the powerchair. |
| 72-99 | Miscellaneous error. | Contact CareCo. |

**SUGGESTION** It is normal for the powerchair to make audible noise during action. If you notice an unusual noise, please contact CareCo.

# WARNINGS & TECHNICAL INFORMATION

## SPECIFICATIONS

| | |
|---|---|
| OVERALL LENGTH (MM) | 1115 |
| OVERALL WIDTH (MM) | 635 |
| OVERALL HEIGHT (MM) | 1000 |
| FOLDED LENGTH (MM) | 350 |
| FOLDED WIDTH (MM) | 635 |
| FOLDED HEIGHT (MM) | 830 |
| FRONT WHEEL DIAMETER (IN) | 7 |
| REAR WHEEL DIAMETER (IN) | 12 |
| TOTAL WEIGHT INCLUDING BATTERIES (KG) | 27.95 |
| WEIGHTS OF HEAVIEST COMPONENT (KG) | 23.85 |
| MAXIMUM SPEED (MPH) | 4 |
| MAXIMUM REVERSE SPEED (MPH) | 2 |
| REVERSING WIDTH (MM) | 700 |
| WEIGHT CAPACITY (KG) | 180 |
| GROUND CLEARANCE (MM) | 42 |
| MAXIMUM CLIMBABLE ANGLE (_°) | 8 |
| MAXIMUM CURB HEIGHT CLIMBABLE (MM) | 25 |
| TURNING RADIUS (MM) | 700 |
| SUSPENSION (YES/NO) | YES |
| SEAT HEIGHT (MM) | 540 |
| SEAT WIDTH (MM) | 500 |
| BATTERY SPECIFICATION | 24V 12AH |
| MOTOR SPECIFICATION | 24V 250W x2 |
| CHARGER SPECIFICATION | 24V 2AH |
| CONTROLLER SPECIFICATION | DC 24V |
| OFF-BOARD CHARGING (YES/NO) | YES |
| BATTERY WEIGHT (KG) | 2.05 (Per Battery) |
| MAXIMUM POTENTIAL RANGE (KM) | 40 (20 per battery) |
| STOPPING DISTANCE FROM MAX SPEED (MM) | 1000 |
| MOISTURE RESISTANCE RATING | IPX4 |
| MIN/MAX POWERCHAIR OPERATING TEMPERATURE (_°C) | -10°C / 50°C |
| MIN/MAX POWERCHAIR STORAGE TEMPERATURE (_°C) | -5°C / 35°C |
| MIN/MAX BATTERY STORAGE TEMPERATURE (_°C) | 5 °C / 25 °C |
| TYRE TYPE | PU SOLID |
| EXPECTED SERVICE LIFE (YEARS) | 5 |
| HAS SAFETY BELT (YES/NO) | YES |

The maximum weight limit for this product includes both the user and any other accessories fitted to the powerchair.

Due to manufacturing tolerances and continued product improvement, this specification can be subject to a variance of (+ or -) 3%.

## ELECTROMAGNETIC INTERFERENCE (EMI)

Powerchairs and mobility scooters may be susceptible to electromagnetic interference (EMI).

Electromagnetic energy (EM) is emitted from sources such a radio stations, TV stations, amateur radio (HAM) transmitters, two-way radios, and cellular phones.

The interference (from radio wave sources) can cause the powerchair/mobility scooter to release its brakes, move by itself, or move in unintended directions. It can also permanently damage the powerchair/mobility scooter's control system.

Each powerchair/mobility scooter can resist EMI up to certain intensity. The intensity of the interfering EM energy can be measured in volts per meter (V/m).

If the powerchair is operating abnormally, turn off the powerchair and/or the equipment that is believed to be causing the interference.

⚠ **WARNING!** Do not operate portable personal communication devices, such as citizen band (CB) radios and mobile phones when the powerchair is powered [ON].

If use of a personal communication device is required, ensure the powerchair operates as intended.

Avoid using the powerchair near transmitters, such as radio or television stations.

Adding unauthorised accessories, parts, or modification can make the powerchair more susceptible to interference from radio wave sources.

The immunity level of the powerchair is 20 V/m.

## PROGRAMMING

The powerchair can be programmed using computer-based software and/or using a handheld programming device.

Programming should only be completed by a qualified service technician. Unauthorised modifications will affect driving performance and other parameters.

## PRODUCT RE-ISSUING

Ensure the product is safe and functions as intended before re-issuing.

## RECYCLING & DISPOSAL

Powerchair components should not be disposed of with normal household waste as they can cause harm to the environment.

When disposing of the powerchair and/or its components, users should follow Waste Electrical and Electronic Equipment policies (W.E.E.E).

For battery disposal, users should follow local disposal/recycling regulations.

Contact CareCo if further advice is needed regarding recycling & disposal.

## INTENDED USE

To aid a user with mobility limitations to move around independently and safely.

## INTENDED USER

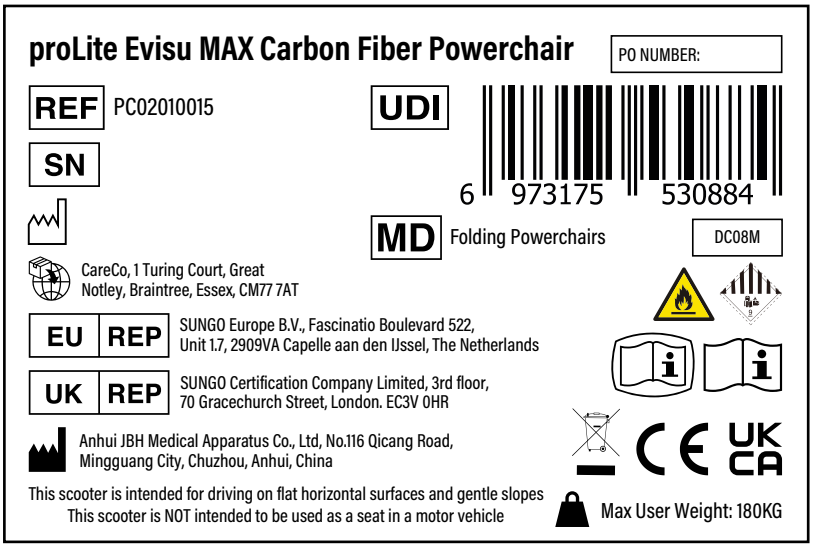
This product is intended for users who experience difficulty in walking and/or have reduced mobility.

## INTENDED ENVIRONMENT

This powerchair is designed to be used both indoors and outdoors on firm, level ground. Take care when using the powerchair in inclement weather conditions.

## PRODUCT IDENTIFICATION

The product identification label is located on the cross frame beneath the seat.




## DEFINITIONS

| | |
|---|---|
| # | Model number |
| LOT | Batch code |
| | Date of manufacturer |
| | Manufacturer's address |
| | Product expiry date |
| UK REP | UK responsible person |
| UK CA | UKCA Mark |
| NON STERILE | Non sterile |
| | Refer to instruction manual |
| | Caution |
| | Indicates electrical / electronic equipment must be disposed of in accordance with the WEEE regulation. |
| | Keep away from rain |
| | Keep away from sunlight |

## GENERAL WARNINGS

- Powerchair users should take appropriate safety measures and obey local pedestrian traffic rules. CareCo are not responsible for personal injury and/or product damage caused by improper use
- Use safety equipment such as reflectors, reflective clothing, and lighting when in low lit areas.
- If the user is taking over-the-counter medications, prescriptions or if physical activity is limited, please consult a physician. Some medications and medical conditions may limit the user's ability to operate the powerchair.
- Do not operate the powerchair after consuming alcohol as this can affect the safe operation of the powerchair.
- Do not use the powerchair for any other purpose other than its intended use. Incorrect use of the powerchair can cause a safety hazard to the product and the user.
- The powerchair is intended for one user at a time
- Do not place the powerchair in freewheel mode when on an incline.
- Turn the powerchair [OFF] when sat in a fixed position for extended periods of time.
- Avoid using accessories that could interfere with the safe operation of the joystick.
- Do not alter the products wiring.
- Prolonged exposure to hot and cold environments may damage the powerchair's upholstery and electrical components.
- Keep body, clothing, and any other objects away from moving parts to avoid trap hazards.
- Prolonged storage at low or high temperatures can damage the powerchair.
- Do not attempt to climb over obstacles on slopes.
- The maximum driving distance will be significantly reduced when travelling on slopes and uneven ground.
- This product cannot be used as a seat in a motor vehicle.

# EXPECTED LIFETIME

The Expected Lifetime is the estimated period of time for which the powerchair is expected to function according to its intended use.

Various items such as weight capacity, user behaviour, external conditions and intensity of use can affect the expected lifetime.

## WEIGHT CAPACITY

If the user exceeds the weight limit specified, it may affect the powerchair's expected lifetime.

## EXTERNAL CONDITIONS

Extreme temperatures, humidity and exposure to harsh weather conditions can accelerate the deterioration of the powerchair.

## USER BEHAVIOUR

Using excessive force, rough handling or dropping components can significantly shorten the powerchair's expected lifetime.

## USAGE

A powerchair that is used daily may experience more wear and tear compared to a powerchair that is used occasionally.

The expected lifetime for the powerchair is 5 years providing the instructions and information within this user manual are followed.

Regular cleaning, lubrication of moving parts, and tightening of loose fixings will prevent premature wear and damage and extend the product's lifetime.

The expected lifetime is not related to the product warranty.

# WARRANTY

If a component requires repair or replacement due to a specific manufacturing or material defect within its warranty period, it will be repaired or replaced free of charge by CareCo.

- **FRAME: 5 YEAR LIMITED WARRANTY**
- **JOYSTICK: 2-YEAR LIMITED WARRANTY**
- **ELECTRONIC COMPONENTS: 1-YEAR WARRANTY**
- **BATTERY: 6-MONTH WARRANTY**

Consumables are not covered under normal warranty circumstances unless they have clearly suffered excessive wear or damage as a direct result of a manufacturing defect. These items include grips, tyres, and rubber accessories.

Parts that have been previously replaced that require subsequent repair or replacement due to manufacturing defects will be honoured for the remainder of the powerchair's warranty period.

Parts that have been purchased by the end user after the original warranty period has expired have a warranty period of 12 months.

CareCo is not responsible if the powerchair requires repair or replacement as a direct result of:

- Changes or modifications made to the product that fall outside of the manufacturer's specifications
- The product not being serviced or maintained according to the manufacturer's recommendations contained in this user manual.
- Negligence, Accidental Damage, and Improper use
- Repairs attempted before CareCo have been notified
- The product being purposely damaged or mistreated

**I**n the unlikely event that this product is recalled, CareCo will notify the user.

Please ensure that your contact information is up to date.

Alternatively, please visit our website for any product alerts: www.CareCo.co.uk

# NOTES

CareCo

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Great Notley, Braintree, CM77 7AT

2602-03

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