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HEALTHCARE EQUIPMENT



# Clinical Assistance Guide

## Pride Litestream® Carbon Power Wheelchair

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# Pride Litestream® Carbon Power Wheelchair





## PRODUCT DESCRIPTION

The Litestream® Carbon is a new, stylish and lightweight, carbon fibre power wheelchair, designed to make travelling easy. With its strong and super lightweight carbon fibre frame and footboard, lightweight mesh seat and lithium-ion battery, this power wheelchair can be folded and unfolded quickly and easily, providing a great travel mobility aid for those travelling by car, train, plane or cruise ship.

One of the lightest power wheelchairs on the market (weighing only 16kg without the battery) the Litestream® Carbon also provides a maximum weight capacity of 136kg, a top speed of 6km and a range up to 15km. The Litestream® Carbon can be folded with or without the battery in place and can be left in the boot of the car at the end of an outing, with only the battery needing to be removed for charging.

Suitable for either left or right-hand use, the joystick controller can be positioned and adjusted on either armrest for function and comfort. Safety and convenience are enhanced with flip up armrests to assist side transfers, retractable anti-tippers and manual override for freewheeling or carer assistance. Providing the ease of “fold and go”, the Litestream® Carbon promotes function and independence.

## FEATURES

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| Lightweight carbon fibre frame | 16kg frame enable ease of lifting in and out of vehicles, facilitating portability and use |
| Easy folding for transportation | Folds quickly and easily in seconds<br>Lifting of latches is all that is required to fold the backrest<br>Remove the battery and retract the anti-tippers |
| Lightweight Lithium Battery | 1.8kg battery can be easily removed for lifting<br>Offboard charging and airplane travel |
| Joystick Controller | Adjustable positioning for left or right-handed use<br>Can be extended for forearm comfort if required |
| USB port | Located under the joystick |
| Flip-up arm rests | Assist with side transfers |
| Flip-up footplate | Assists with standing transfers, transport ad storage |
| Ergonomic backrest | A contoured, breathable mesh backrest provides comfort and support to assist with fatigue management |
| Under-seat storage | For storage of small items when on the go |

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|---|---|
| 120cm Turning radius | Small turning radius promotes independence for indoor spaces and narrow pathways |
| 15 km Range per Charge | Range varies with user weight, terrain type, battery amp hour (AH), battery charge, battery condition and tyre condition |
| Maximum speed | Maximum speed is 6km/hr |
| Safe Working Load | 136kg maximum weight capacity |
| Retractable anti-tippers | Improves safety on inclines.<br>Refer to user manual for maximum slope and safe use on inclines |
| Audible Horn | Effective horn and reverse beeper for alerting nearby pedestrians |
| Safety Belt | Ensures safety of occupant in power wheelchair |

## IDEAL USER CONDITIONS

The Litestream® Carbon Power Wheelchair:

- May be the ideal solution for enabling independent mobility for those who are limited by pain, fatigue, reduced balance or endurance
- Has a tight turning radius and narrow footprint to enable use in indoor locations such as the home and shopping centre, as well as for suitable outdoor surfaces with level, even terrain
- Has a compact, lightweight and easy folding frame that will fit into the boot of a car, making it suitable for local community outings or for travel. It facilitates independent access for shopping or appointments, and can also be switched to manual mode to enable a carer to push if required
- Is a great solution for those requiring a portable power wheelchair for car, train, plane or cruise travel. Please see the User Manual for details of battery requirements for different modes of travel
- Can assist carers reducing the need for them to push the wheelchair

### Considerations:

The Litestream® Carbon Power Wheelchair:

- Is not suitable for use on cut, wet or deep grass, gravel, large slopes or for wet, icy or snowing outdoor conditions
- Is not suitable for the user to remain seated in the wheelchair during transport. If using an accessible taxi, the user must be able to transfer onto the taxi seat
- Can manage slopes of 6°, however, climbing ability is affected by factors such as user weight, speed and the angle at which you approach the slope. These factors should be taken into consideration when assessing and instructing wheelchair users
- Wheelchair users or carers need to be able to lift 16kg for loading/unloading the wheelchair or explore options for transporting the power wheelchair e.g. taxi

## CLIENT OUTCOMES

### Independent mobility within the home:

- Compact lightweight, wheelchair with a tight turning radius of 120cm; suitable for use within a level access home to support those with limited mobility and endurance

### Independent community access and holiday travel:

- The folding wheelchair can be placed in the boot or back of a car for mobility support during community visits such as appointments, shopping trips or social outings

### Supported socialisation, health and wellbeing:

- The lightweight folding power wheelchair enables easy transport to local shopping areas or community buildings to enable continued engagement with community activities
- The folding wheelchair can be placed in the boot of a car to enable independent mobility when travelling
- Can be left in car boot with battery only being removed for charging
- The lithium-ion battery can be removed and taken on-board airlines, enabling use of the wheelchair for domestic or international travel. Airlines should be contacted to confirm travel policy on all legs of travel

### Carer Support:

- Power function frees the carer from pushing the wheelchair for all or part of the outing, reducing manual handing and enabling side-by-side mobility, interaction and shared enjoyment/involvement in an activity
- Placing the wheels in neutral or “free-wheel” enables a carer to push the wheelchair when the user becomes fatigued or requires assistance

## SPECIFICATIONS

| | Overall Length (mm) | Overall Width (mm) | Seat Width (mm) | Front / Rear Wheel Size (inch) | Max Speed (km/h) | Ground Clearance (mm) | Turning Radius (mm) | Travel Range (km) | Battery Size (V) | Product Weight incl. batteries (kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| **SCT671135** WHITE | 930 | 577 | 380 | 7/8.5 | 6 | 55 | 120 | 15 | 1 x 24V 12AH (Lithium) | 17.8 |

## COMPLIANCE

Conforms to Australian Standard AS 3695.2:2019

## WARRANTY

**2** YEARS WARRANTY
Frame and Electrical components

**1** YEAR WARRANTY
Battery

## MAINTENANCE

Preventive maintenance is very important. Annual or semi-annual services can be scheduled with our service department. Refer to the User Manual for full instructions.

### Maintenance and Repair

Like any motorised vehicle, the Litestream® Carbon Power Wheelchair also requires routine maintenance. Regular performance and safety checks should be completed by the user. Any repairs, replacement of parts or maintenance should be completed by an authorised service agent to meet Warranty requirements. For any questions regarding the maintenance or operation of the wheelchair, please contact our service department.

### Storage

The Litestream® Carbon Power Wheelchair should be stored in a clean indoor environment with relative humidity ≤80%, temperature between 0-50°, good ventilation and free from corrosive gas. Remove the battery from the wheelchair prior to storage, otherwise the frame may rust and the electronics may be damaged.

### Battery

When not using the Litestream® Carbon for an extended period, it is recommended to charge the battery and use it for more than 20 minutes, every two months to extend the life of the battery. Batteries should be replaced after three years of continuous use.

Batteries should be charged outside, in an open, clean, dry and ventilated place with no inflammable, explosive or chemical substances around. They can be charged on the wheelchair via the 3-pin charging port underneath the joystick or charged by removing the battery from the wheelchair by connecting the charger to the charging point on the battery box and connecting to a general power outlet.

### Cleaning

The surface of Litestream® Carbon wheelchair frame has a protective coating, requiring only wiping clean with a damp cloth only.

- **DO NOT** wash with water.
- Clean the seat and armrests with a damp cloth and neutral soapy water if required, and then dry thoroughly.
- **DO NOT** use chemicals as these may cause damage.

## AIDACARE KNOWLEDGE HUB

Aidacare Website:

- Pride Litestream Folding Carbon Fibre Power Wheelchair | Aidacare

PDF Resources:

- Pride Litestream Flyer
- Pride Litestream User Manual

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