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HEALTHCARE EQUIPMENT



Clinical Assistance Guide

Aspire Aerolite Powerchair

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Aspire Aerolite Carbon Fibre Powerchair

The AeroLite Powerchair is an ultra-light, foldable powerchair, that offers an ideal solution for those requiring mobility support to remain active both in the home or when out and about. Its modern, lightweight carbon fibre, cross folding frame provides a powerchair that is exceptionally easy to fold and lift into a car or to store when not in use.

It comes with two lithium-ion batteries. Only one battery is utilised for power at a time providing versatility for use and extending range when out and about. Batteries are easily removed and fitted, allowing the wheelchair user to swap batteries from the storage position to the powering position when the battery gauge on the controller indicates low charge.

Intuitive joystick control, contoured comfort seating and puncture-proof tyres make for confident travel on different surfaces, indoors and out.









FEATURES

Ultra-lightweight, Carbon Fibre Frame	• 13.2kg minimum frame weight (batteries and legrests removed) • Ideal for travel and easy to lift into the car
Foldable Design	• Side folding design means the frame can stand vertically on its own when folded. Convenient for storage and easier and safer for carers to lift (better for backs)
Tool-free Assembly and Disassembly	• Make setup quick and hassle-free
Two Lightweight Lithium-ion Batteries	• 2 x 24V 12Ah Lithium-Ion batteries are included providing a market leading 30km driving range • Only one battery is used at a time providing versatility of use – leave one on charge and venture out with one battery or carry second battery as a spare to extend driving range when out and about • Batteries are easily able to be swapped from “storage” position to “powering” position by the user seated in the Aerolite • Batteries can be charged on-board the wheelchair or off-board via an external charger • Compliant to UN 38.3. Certificate available on request

Ergonomic Seat and Backrest	• Contoured for comfort
Flip-up Footplates	• Improves safety for transfers and assists with transport and storage
Solid Puncture-proof Tyres	• Low-maintenance, allowing users to travel confidently on different surfaces
Intuitive Joystick	• Provides effortless control and simplifies navigation, reducing strain and promoting greater comfort and efficiency in daily activities • Adjustable positioning for left or right-handed use • Joystick position can be extended for forearm comfort if required
Tight Turning Radius	• Narrow footprint enable use in indoor locations such as the home and shopping aisles, as well as for suitable outdoor surfaces with level, even terrain
Safe Working Load	• 120kg maximum weight capacity
Safety Belt	• Included as standard
Flip-up Armrests	• Assist with side transfers
Audible Horn	• Reverse beeper for alerting nearby pedestrians
Anti-tippers	• Improve safety during transfers and on inclines; provide 25mm clearance over obstacles

ACCESSORIES



Cup Holder
SCA669200



Phone Holder
SCA669210

IDEAL USER CONDITIONS

Ambulant wheelchair users whose mobility may be limited due to:

- Pain
- Fatigue
- Reduced balance or
- Endurance

The Aerolite can assist independence within the home and endurance when out and about.

Considerations:

The Aerolite Carbon Fibre Powerchair

- Is NOT designed or tested to carry an occupant for transportation in a motor vehicle. When travelling in a motor vehicle the occupant should sit in the vehicle seat with seat belt fastened and the powerchair should be folded and securely stored in the luggage compartment
- Is not suitable for use on slippery or soft surfaces, such as wet tiles, mud, sand, grass, etc.
- Is designed for use on flat, level surfaces. If a slope or uneven terrain is encountered, it is advised that an alternative route is sought. It has a maximum obstacle height of 25mm and a maximum climbing angle of 9°, however, climbing ability is affected by factors such as user weight, and speed. These factors should be taken into consideration when assessing and instructing wheelchair users

CLIENT OUTCOMES

Independent mobility within the home:

- Compact lightweight, powerchair with a tight turning radius of 900mm; suitable for use within a level access home to support those with limited mobility and endurance

Independent community access and holiday travel:

- The lightweight folding powerchair 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 traveling
- Can be left in car boot with batteries only being removed for charging
- The lithium-ion batteries can be removed and taken onboard airlines, enabling use of the powerchair for domestic or international travel. The AeroLite's Lithium-Ion battery is compliant with UN 38.3. Please check with airlines well in advance of travel for requirements specific to the airline/jurisdiction.

Improved manual handling and safety:

- Cross-folding design with folding backrest creates a taller, flatter frame, enabling carers to position the frame closer to their body, placing less strain on the lower back and allowing safer lifting into a car boot. Side folding, as opposed to front folding design, reduces the need to bend to lift the wheelchair into an upright position before lifting, and the free standing, folded frame enables carers to adopt correct positioning for safe manual handling. Batteries can easily be removed to reduce the lifting load
- Flip-up footrests allow users to position themselves directly against the seat, creating safer entry and exit transfers and better positioning on the seat

Carer support:

- The 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. The lightweight frame reduces the load the carer is required to push.
- The lightweight carbon fibre frame reduces the weight that the carer is required to lift into the vehicle

SPECIFICATIONS

	Overall L x W x H	Folded L x W x H	Seat Depth	Seat Width	Seat Height Anterior & Posterior	Backrest Height & Width	Armrest Height & Length	Max Obstacle Height	Min Turning Radius	Max Climbing Angle	Max Driving Speed	Drive Range	Wheels Front & Rear
	mm	mm	mm	mm	mm	mm	mm	mm	mm	°	km/h	km	mm
Blue (400mm) PWS654145	960 x 580 x 895	960 x 315 x 800	400	400	480& 440	420& 400	235& 350	25	900	9	6	30	180& 300
Red (450mm) PWS654150	960 x 630 x 895	960 x 315 x 800	400	450	480& 440	420& 450	235& 350	25	900	9	6	30	180& 300

ELECTRONICS

Lithium-ion Battery	Battery Charger	Motor/ Drive System
V / AH	A	W
1 x 24V 12Ah, plus 1 x 24V 12Ah spare	2.6	150

WEIGHTS

Min Product Weight*	Total Weight	Battery Weight	Footplate Weight
kg	kg	kg	kg
13.2	16.6	1.45 (each)	0.5

*Excluding battery and foot plate

SAFE WORKING LOAD



WARRANTY

2 YEAR WARRANTY Frame

1 YEAR WARRANTY Components

MAINTENANCE

- Check tyre condition at least twice per month
- Charge your battery regularly
- If the powerchair is not being used for a prolonged period, both batteries must be removed from the powerchair and stored separately with full charge

Preventative Maintenance

- It is recommended that a yearly service is completed by an authorised Aspire service agent

AIDACARE KNOWLEDGE HUB

Aidacare Website
Aspire Aerolite Carbon Fibre Powerchair

PDF Library
Aidacare Aspire Aerolite Carbon Fibre Powerchair Flyer
Aidacare Aspire Aerolite Carbon Fibre Powerchair User Manual

Video Library
Aspire Aerolite Carbon Fibre Powerchair Video

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