

SMOOV one

ELECTRIC DRIVE UNIT FOR ACTIVE WHEELCHAIRS



The SMOOV one is a modern, unobtrusive and lightweight electric power assist drive unit for active wheelchairs which significantly increases the driver's mobility and flexibility. Travel up to 20 km with one battery charging thanks to a highly efficient direct drive combined with state-of-the-art lithium ion technology.



SMOOV

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The SMOOV one was designed to be combined with rigid-frame wheelchairs. For this purpose, a small bracket must be fitted to the wheelchair crossbar. This is available for all current tube diameters. To attach the SMOOV one to folding wheelchairs, an optional adapter axle is required. This is fitted between the stub axles. The SMOOV one can be combined with folding wheelchairs with a wheel camber of up to 2°.

- Swivelling drive wheel for dynamic driving
- Extremely swift, turns itself on the spot
- Efficient, high-performance drive unit
- Tilted driving is also possible with the SMOOV one
- Intuitive docking and undocking of the drive unit and control unit
- Easy to use thanks to the ergonomic, wireless control unit
- Individual adjustment and extension of the scope of functions possible via the SMOOV Mobility App

Features

Drive Unit



Control Unit



Tech Specs

General:

Max User weight	140kg
Permissible total weight:	170kg
Climbing capacity:	Up to 16%

Drive Unit:

Motor power rating :	250 W
Max. motor power:	450 W
Operating voltage:	36 V
Speed:	0-6 km/h (option up to 10 km/h)

Battery pack (drive unit):

Battery cells:
36 V; 6.2 Ah Lithium ion cells, leakproof and maintenance-free. 24 months guarantee

Battery power:
224 Wh. Safe for air transportation according to IATA

Range:
Up to 20 km, depending on the ground surface, the weight of the person, temperature and terrain

Battery charger:

Input voltage:	100-240 V
Frequency range:	50-60 Hz
Output voltage:	48 V (DC)
Charging current:	1 A
Charging time Approx.:	6 hours

Weight:

Drive unit:	7.2 kg
Control unit:	250 g
Battery charger:	500 g
Control unit bracket:	Approx. 100 g
Crossbar/camber tube bracket:	Approx. 230 g

FOR FURTHER INFORMATION:

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Australia: Freephone 1800 460 460, email orders@invacare.com.au or visit www.invacare.com.au

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