



# SERVO

QUIET SIMPLE FLEXIBLE





## THE SERVO IN DETAIL

Total weight, approved	200 kg <sup>(1)</sup> (person, wheelchair, SERVO)
Possible wheel sizes	24"
Speed Forward   backward	supports up to 6 km/h   3 km/h
Range with one charge of the batteries	up to 55 km <sup>(2)</sup>
Braking-/climbing capacity	up to 20 % <sup>(3)</sup>
batteries	28.8 V / 16 Ah
Direct current motors	2 x 28.8 V / 70 W
Weight, powered wheels	10.1 kg each
Weight, battery pack	4.2 kg
Weight, bag for battery pack	0.2 kg
Weight, interface incl. cables	0.8 kg
Total weight	26.4 kg

- (1) Please note the maximum load stipulated by your wheelchair manufacturer.
- (2) According to ISO 7176-4 the range depends among other things, on the weight of the person to be transported, the surface of the ground, the topography, etc.
- (3) Up to 20 % at a total weight until 100 kg, and up to 14 % at a total weight of 101 - 150 kg. The braking- / climbing capacity also depends on the underground, the territory, the temperature, etc.



AAT Alber Antriebstechnik GmbH  
Postfach 10 05 60 · D-72426 Albstadt

Phone: +49.7431.1295-0 · Fax: 1295-35  
info@aat-online.de · www.aat-online.de

MOTION AND POWER

# NEWLY EXPERIENCED

## THE POWER-ASSISTED AUXILIARY DRIVE

The SERVO opens up the possibility for wheelchair users with limited strength to move around independently again and expand their personal radius of action. SERVO's advanced sensor technology detects and converts the impulses that the wheelchair user gives to the push rims.

With the standard hill climbing program and the intelligent braking function, inclines and declines can be negotiated safely. The drive concept of SERVO combines physical strength with active mobility and at the same time relieves joints and muscles.

Also during transportation in a vehicle, the SERVO demonstrates its advantages to the maximum. The drive wheels can be removed effortlessly without any tools and with just one movement of a hand. Thanks to its low weight, the SERVO is easily loaded into a vehicle without any great effort.



**THE POWER-ASSISTED  
AUXILIARY DRIVE**

WITH THE SERVO

# BENEFIT TO THE MAXIMUM



## **INNOVATIVE LOCKING SYSTEM**

Innovative and space-saving and locking system for the drive wheels without bulky quick-release axles, which make loading more difficult.



## **POWERFUL BATTERY PACK**

Our lithium-ion battery pack is characterized not only by its impressive range of up to range of up to 55 km but also by its long service life and fast charging fast charging time.



## **INDIVIDUAL DRIVING PROGRAMS**

Developed to offer you maximum flexibility and comfort comfort, the SERVO impresses with SERVO impresses with a variety of predefined driving profiles and programs.



booklet\_servo\_gb\_12\_2023 (1.1)

This brochure can also be displayed in big letters for easier readability. It is available for free download at [www.aat-online.de](http://www.aat-online.de). In addition, you will find product-specific user manuals with more technical data and further information on our homepage.



AAT online



Contact agents



Social Media



The add-on kits of AAT coincide with the guidelines of the European Union 2006/42/EG, 2007/47/EG and 93/42/EG.

In the interest of progress we reserve the right for technical changes

AAT is certified according to DIN EN ISO 9001:2015 and DIN EN ISO 13485:2016.



Engineered in germany

