



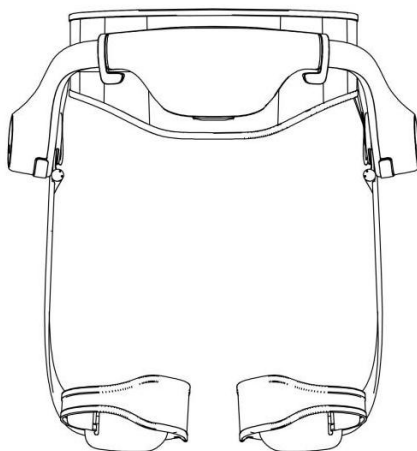
THE SMART WALKING ASSIST EXOSKELETON

PRODUCT SPECIFICATION



Product specification sheet

Smart Walking Assist Exoskeleton



Product Introduction



The Smart walking assist Exoskeleton is an intelligent wearable device that is worn outside the human body and provides assistance for walking through an external power unit. Can be used for outdoor walking and walking assistance, providing users with leg lifting assistance to help them walk faster and longer. It can also be used as a training device in specific rehabilitation programs. The exoskeleton body adopts a distributed multi-sensor layout, embedded with intelligent state monitoring algorithms, and driven by motor servo. By alternately applying bending and stretching moments similar to natural walking to the lower limbs of the human body through the power modules on both sides, the lower limb movement ability of the human body is enhanced, and the walking burden of the human body is reduced.

Technical Parameter

Name and Model	Smart Walking Assist Exoskeleton AwalkHS-N
Power source	Battery powered
Suitable for height	155cm ~190cm
Weight	≤2.8kg
Assist level	Adjustable from 1 to 5 levels, maximum power assist: 13Nm
Battery	21.6V 3250mAh Lithium battery pack supports quick change
Charging time	2~2.5 H
Endurance	2~4H
Mode type	Intelligent sports mode, intelligent soothing mode
Waterproof and dustproof	IP43
Internet of Things system	Android PP, WeChat Mini Program, IoT Management Platform

03 Specification and size

Waist circumference	65-120CM
------------------------	----------

Leg pole size	M:155-170CM
Corresponding height	L:165-190CM

Thigh binding (Thigh circumference)	33-82CM
--	---------

04 Usage environment

Operation temperature	-20°C ~ +50°C
--------------------------	---------------

Storage temperature	-30°C ~ +60°C
------------------------	---------------

Relative humidity at work	30% ~ 95%
------------------------------	-----------

Storage relative humidity	10% ~ 95%
------------------------------	-----------

Spare parts

Battery	× 1
---------	-----

Shoulder strap	× 1 (Non standard configuration)
----------------	----------------------------------

Packing list	× 1
--------------	-----

Whole machine charger	× 1
--------------------------	-----

Operation instructions	× 1
---------------------------	-----

Factory Inspection Certificate	× 1
-----------------------------------	-----

Disclaimer

Due to product configuration and manufacturing process, there may be differences in actual body size/weight. Please refer to the actual product.

The product images in this specification sheet are for illustration only. The actual product effects (including but not limited to appearance, color, size) may vary slightly. Please refer to the actual product.

In order to provide accurate specifications as much as possible, the text expression, image effects, and other content of this specification sheet may be adjusted and revised in real time to match the actual product performance, specifications, and other information.

If it is necessary to make the above modifications and adjustments, no special notice will be given.



dkn-technology.com



sales@dkn-technology.com



+32 52 21 03 15



**Langerode 17,B1
3460 Bekkevoort
Belgium**



DKN[®]