

ezW300M/ST/W



Technical characteristics

Diameter	304 mm
Type of Tyre	PU 70 sh.A - Bomb profile
Speed range (traction)	0 to 9 km/h
Peak pushing effort	35 daN Moves 1000 kg
Nominal performance	12 daN at 6 km/h
Maximum rolling speed	12 km/h
Battery capacity	240 Wh
Option(s)	Stainless Steel recharge per contact

- ✓ ez-Wheel® autonomous wheel **ezW300M/ST/W** - Series 300
- ✓ developed for the medical environment
- ✓ suitable for:
 - medical devices
 - clean room material
 - pusher/pullers
 - (...)

Component specifications

Motor



Technology	BLDC PM
Gearbox	1-stage helical
Indicative lifespan*	5 000 h / 15 000 km 1 500 000 starts/stops
Nominal speed	110 rpm (6,2 km/h)
Nominal power	200 W (S1)
Peak torque	52 Nm

Battery



Electrochemistry	Ni-MH long life
Energy	240 Wh
Indicative lifespan*	5-8 years
Recharge mode	Charger
Minimum charging time*	2.5 hours (to 90%)

Interface



Wired	-
Wireless	LR WPAN 2.4 GHz IEEE 802.15.4

Conditions of use



Temperatures	-20 to +60 °C
IP index	IP65
Maintenance period*	5-7 years

The wheel can be used inside or outside, over a wide range of temperatures. The components – including the battery – do not need any inspection or maintenance over the product's whole lifespan.

Weight



Wheel weight	17 kg
Maximum vertical load	300 kg 260 kg at 4 km/h 130 kg at 12 km/h

The robust assembly can withstand the stresses of knocks and severe vibration and enables the wheel to carry some load.

ez-Wheel products are guaranteed 1 year from the date of purchase and 2 years against production defects. Consult the general conditions of sale for more information.

All values are subject to changes without prior notice.

*: Values for reference, based on standard condition testing, may vary with different application cases.

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