

ezW160M+



- ✓ ez-Wheel® autonomous wheel **ezW160M+** - Series 160
- ✓ developed for the medical environment
- ✓ suitable for:
 - catering trolleys
 - transfer chairs and beds
 - rolling equipment for hospitals
 - (...)



Technical characteristics

Diameter	158 mm
Type of Tyre	PU 70 sh.A - Flat profile
Speed range (traction)	0 to 5 km/h
Peak pushing effort	27 daN Moves 750 kg
Nominal performance	9 daN at 5 km/h
Maximum rolling speed	8 km/h
Battery capacity	0/70/140 Wh
Option(s)	Additional battery

Component specifications

Motor



Technology	BLDC PM
Gearbox	2-stage helical
Indicative lifespan*	2 000 h / 5 000 km 600 000 starts/stops
Nominal speed	167 rpm (5 km/h)
Nominal power	130 W (S1)
Peak torque	22 Nm

Battery



Electrochemistry	Ni-MH
Energy	70 Wh (1 battery) 140 Wh (2 batteries)
Indicative lifespan*	2-3 years
Recharge mode	Charger or external power
Minimum charging time*	1.5 hours (to 90%)

Interface



Wired	Analog or Serial
Wireless	-

Conditions of use



Temperatures	-10 to +40 °C
IP index	IP66
Maintenance period*	2-3 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	6 kg
Maximum vertical load	50 kg up to 5 km/h

The robust assembly can withstand knocks and severe vibration. The wheel is designed to be installed as a fifth wheel with a suspension.

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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