

### ezW10R /W

The ez-Wheel Series 10 **ezW10R** autonomous wheels are suitable for:

- Delivery carts
- Land drone
- ...

All the components necessary for traction are built into the wheel: an electric gear motor, high energy and long life batteries, a power controller ensuring optimum motor control and battery management and a control interface.

#### Motor

Technology	BLDC PM
Gearbox	1-stage helical
Indicative lifespan*	5000 h / 15000 km 1500 000 starts/stops
Nominal speed	240 rpm (18 km/h)
Nominal power	250 W (S1)
Peak torque	55 Nm

#### Battery

Electrochemistry	Ni-MH
Energy	240 Wh
Indicative lifespan*	>5 years
Recharge mode	Charger
Minimum charging time*	3 hours (to 90%)

#### Interface

Wired	no
Wireless	LR WPAN 2.4 GHz IEEE 802.15.4

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.

#### Conditions of use

Temperature	-20 to + 60 °C
IP index	IP54
Maintenance period*	5 years



<b>Diameter</b>	400 mm
<b>Type of Tyre</b>	10x4 road tyre
<b>Speed range (traction)</b>	0 to 18 km/h
<b>Peak pushing effort</b>	-
<b>Nominal performance</b>	-
<b>Maximum rolling speed</b>	18 km/h
<b>Battery capacity</b>	240 Wh
<b>Options</b>	-

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

#### Weight

Wheel weight	14.5 kg
Maximum load	150 kg per wheel / tyre on a 10% slope

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.



### ez-wheel SAS

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