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Recommended tools Headset x 1



Gloves x 2



[Link video](#)

No TUTO FX1000_T01_V1_14062021

Completion time 20 to 25 2h

Products concerned Range : CROSS References : FX1000, FX1000-S

AUTONOMY SCOOTER BEEPER CROSS

It is difficult to communicate clearly about the range of an electric vehicle. Autonomy is a topic sensitive and he does not exist not of repository accurate allowing a value indisputable. BEEPER wants to observe complete transparency on the information transmitted and this is why we have carried out numerous tests in laboratory conditions or in real conditions in order to give you a realistic vision of the autonomy of your PMD*.

Testing in laboratory



Testing realized on a roll odometer (calculation of the distance) for recreate them terms of one journey real

- Temperature : 20°C
- Date : 28-03-2019
- Test at empty : Without weight, speed constant 12 kph
- Ideal test: Weight 60 pounds, constant speed 12 kph
- Intensive test : Weight 90kg
Sessions repeated:
 - 5 min in speed maximum (25 kph)
 - Deceleration fast
 - Acceleration maximum for reach the speed maximum

AUTONOMY	Distance	Duration
No-load test	96.7 miles	8 hours
Ideal test	25 miles	1 hour 48min
Intensive testing	5.5 miles	30min

For reminder, autonomy is addicted of numerous factors at take in account during of use of your PMD*. The variation of autonomy may go of 1 at 5 according them terms optimal Where unfavorable listed below :

- The user : weight, build
- The weather report : temperature, presence of rain, of wind
- The quality of the road : asphalt, gravel, pavers
- The Powerful from engine Where the unlocking of this Powerful**
- The routes made : uneven, slopes Where dish
- Type of driving: sporty (violent acceleration and braking), gentle (speed slow, recurrent braking), economical (constant speed, appropriate braking depending on the situation)
- The quality of the battery : Powerful, age, level of charge

* EDP = Personal Mobility Device

** We do not provide autonomy for unbridled vehicles, which should only be used in enclosed and private areas and are not allowed on the public highway

