



Date creation	06/14/2021
Date last modified	06/14/2021
No. form TUTO	FX1100_T01_V1_14062021
Time of achievement	25 to 30 km 2h 45min

Tools Recommended Helmet x 1



Gloves x 2



[Link video](#)

Products concerned

Range : CROSS

References : FX1100, FX1100-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
- Test ideal : Weight 60 pounds, speed constant 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	<b>140.6</b> miles	11 a.m. 30min
Test ideal	<b>31</b> miles	2h45
Test intensive	<b>10</b> miles	55min

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

