

AUTONOMY SCOOTER BEEPER MAX

Ref : FX10-G2-8

TOOLS REQUIRED or RECOMMENDED

Helmet x 1



Gloves x 2



Manufacturer's range communicated:

30 to 35 km

or about

2 h 30.

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*.

Laboratory Tests



Tests performed one year odometer Roller (distance calculation) to recreate the conditions of a real race

- Temperature : 20°C
- Date : 6-6-2020
- Empty test: Without weight, constant speed 12 km/h
- Ideal test: Weight 60 Pounds constant speed 12 km/h
- Intensive testing : Weight 90kg Repeated Sessions:
 - 5 Min maximum speed (25 km/h)
 - Rapid deceleration
 - Maximum Acceleration to Reach maximum speed

AUTONOMY	Distance	Duration
Vacuum test	184 Miles	3pm 15min
Ideal test	59.5 Miles	5h 15min

Real-world testing



- Temperature : 10°
- Date : 27-10-2020
- Regular average speed : 12km/h
- Rental : Villefranche-sur-Saône
- User weight : 60 Kg
- Urban road : 1.9 Miles (road completed 11.3 times)
- Height difference: Total 540 m. (270 m. Positive - 270 m. Negative)
- Public road with stops, give way , roundabouts, normal traffic
- Compliance with Road regulations



AUTONOMY	Distance	Duration
Real-world testing	28.5 Miles	2h

As a reminder, autonomy depends on many factors to take into account when using your PMD*. The variation in autonomy can range from 1 to 5 depending on the optimal gold unfavorable conditions listed below:

- The user : weight, Build
- The weather : temperature, presence of Rain wind
- The Quality of the Road : asphalt, Gravel
- cobblestones
- The journeys made : unevenness, slopes or flat
- Type of driving: Sporty (violent acceleration and braking), soft (slow speed, recurrent braking), economical (constant speed, braking Appropriate to the situation)
- Battery Quality : Power age load level

* 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