



Date creation	28/10/2020	Tools advised
Date last change	04/30/2021	Link video
No. TUTO sheet	TROTT_T02_V1_281020	
Time of achievement	/	
Products concerned	Range : LITE, SPEED, MAX, CROSS, IVELO	References : FX1L, FX2L, FX8, FX10, IVELO, FX1000, FX1100, FX1600

WATERTIGHTNESS INDEX

IP 5 4

The IP54 or IPX4 rating of a product means that the product is suitable for all weather conditions and is resistant to strong water splashes.

Most of our products have an IP54 rating, please check the product's manual or technical document for full details.

Points to watch out for :

- Your PMD is a complex assembled object, so your product is subject to natural wear and tear which will make it increasingly permeable as a result of its age and wear.
- If your PMD is left parked on the street in the rain, it may suffer electrical and mechanical damage.
- With your PMD you can drive in puddles less than 3 cm thick.
- If your PMD shows signs of water or moisture in the structure or battery compartment, your product will not be eligible for warranty.

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Protection against physical contact with dangerous elements - wire
Protection against dust (sand, road dust etc.).

Splash water protection - each direction

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0		No protection against physical contact and object penetration	No protection against water		0
1		Protection against physical contact with hazardous materials - bare hands. Protection against foreign objects 50 mm in diameter or larger.	Protection against water drops		1
2		Protection against physical contact with dangerous elements - fingers. Protection against foreign objects 12.5 mm in diameter or larger.	Protection against water drops, bonnet tilt up to 15 degrees from vertical - both sides		2
3		Protection against physical contact with dangerous elements - tools. Protection against foreign bodies 2.5 mm in diameter or larger.	Water shower protection, bonnet tilt up to 60 degrees from vertical - both sides		3
4		Protection against physical contact with dangerous elements - iron wire. Protection against foreign objects 1 mm in diameter or larger.	Splash water protection - each direction		4
5		Protection against physical contact with dangerous elements - wire. Protection against dust (sand, road dust etc.).	Protection against torrential water (12.5 l/min)- poured on the cover of each direction		5
6		Protection against physical contact with dangerous elements - wire. Protection against dust (sand, road dust etc.).	Protection against high force water torrent- (100 l/min)- poured on the cover of each direction		6
			Protected against the effects of immersion.		7
			Protected against the prolonged effects of immersion under pressure.		8

Attention : The battery of our electric scooters are located in the platform, at ground level.