




	Devices to assist/replace walking	Light electric vehicles	Bicycles	
			Electrically assisted bicycles	Motorised bicycles (L1e-A)
Examples	 Electric balance boards, electric scooters, electric skateboards, electric rollerblades and electric sledges	 Electric balance boards, electric scooters, and electric skateboards	 Electrically assisted and motorised bicycles	
Market surveillance authority	TUKES	TRAFICOM	TRAFICOM	
Primary legislation	Machinery Directive 2006/42/EC and Machinery Decree 400/2008	Machinery Directive 2006/42/EC and Machinery Decree 400/2008 Vehicles Act 1090/2002	Machinery Directive 2006/42/EC and Machinery Decree 400/2008 Vehicles Act 1090/2002	Vehicles Act 1090/2002 Regulation (EU) No 168/2013
Maximum speed and power	15 km/h and 1 kW	16–25 km/h and 1 kW	25 km/h and 250 W	25 km/h and 1 kW
Other requirements	² Maximum height of the seat on 2-wheelers 440 mm	² Maximum height of the seat on 2-wheelers 440 mm	The assistance may only work when the bicycle is being pedalled. Power supply must cut off when the speed reaches 25km/h.	The assistance may work without pedalling. A hand throttle is allowed. Power supply must cut off when the speed reaches 25km/h.
Requirements for lights, reflectors and sound signal		Front light, reflector at the back (must be used in dark and dusk, both may be worn by the driver), sound signalling device.	Front light (must be used in dark and dusk, both may be worn by the driver), reflectors in front, on both sides and at the back as well as a sound signalling device. In a type-approved L1e-A vehicle also a red back light.	
Size requirements		Maximum width 0.8 m	Maximum width: Two-wheelers 0.8 m Three wheels or more 1.25 m	Maximum width 1.0 m
¹ Placing on the market:	Technical file, declaration of conformity (i.e. a document declaring which provisions the device complies with), CE marking	Technical file, declaration of conformity (i.e. a document declaring which provisions the device complies with), CE marking	Technical file, declaration of conformity (i.e. a document declaring which provisions the device complies with), CE marking	³ Type-approval requirement
Insurance and registration:	Motor insurance if the weight is over 25 kg or the speed is over 25 km/h. No requirement for registration or driving license	Motor insurance if the weight is over 25 kg or the speed is over 25 km/h. No requirement for registration or driving license	No requirement for insurance, registration or driving licence	Motor insurance if the weight is over 25 kg or the speed is over 25 km/h. No requirement for registration or driving license
Applicable rules of the road	The device may be used on the footpath when travelling at walking speed, otherwise it should be used on cycle paths where the same rules of the road apply as to bicycles.	Mainly on a cycle path, the same rules of the road apply as to bicycles. Self-balancing devices may also be used on the footpath when travelling at walking speed.	On a cycle path, the same rules of the road apply as to bicycles.	

¹Placing on the market: Possible applicable provisions: Machinery Directive, Low Voltage Directive, EMC Directive, RoHS Directive, Medical Device Directive, Vehicles Act 1090/2002, Regulation (EU) No 168/2013, Traficom's Regulation TRAFI/147282/03.04.03.00/2018, Government Decree 1270/2014.

² Height limit of the seat: Deviation from the limit is only allowed when the vehicle falls outside the scope of Regulation (EU) No 168/2013 (e.g. vehicles exclusively intended for users with restricted mobility, vehicles primarily intended for off-road use and designed to travel on unpaved surfaces, and self-balancing vehicles).

³ Type-approval in accordance with Regulation (EU) No 168/2013. Unique, one-off vehicles in the category L1e-A do not need to be type-approved.

Additional information

- If a vehicle has a maximum speed that exceeds 25 km/h or maximum power over 1 kW (e.g. more powerful electric kickbikes/scooters, longboards or balance scooters), it cannot be regarded as a device to assist walking or as a light electric vehicle. If such a vehicle is intended to be used in traffic, it must be approved for a suitable category (e.g. as a moped, L1e-B), in accordance with Regulation (EU) No 168/2013. In that case, the product is also subject to type-approval, insurance and registration requirements as well as driving licence provisions.
- A vehicle is not a light electric vehicle if it has been type-approved as a category L vehicle (mopeds, motorcycles and light quadricycles) in accordance with Regulation (EU) No 168/2013.
- A vehicle is not roadworthy if it does not belong to any of the vehicle categories defined in the Vehicles Act 1090/2002 or Regulation (EU) No 168/2013.