Cathégorie de véhicule[[1]](#footnote-1)

|  |  |
| --- | --- |
| L | Vhc moins de 4 roues avec vhc 4 roues légers |
| L1 | 2 roues, cylindrée max 50cm3, vitesse max 50km/h |
| L2 | 3 roues, cylindrée max 50cm3, vitesse max 50km/h |
| L3 | 2 roues, cylindrée plus que 50cm3, vitesse max 50km/h |
| L4 | 3 roues arrangé asymétriquement, cylindrée plus que 50cm3, vitesse max 50km/h (motor cycles with sidecars) |
| L5 | 3 roues, arrangée symétriquement, cylindrée plus que 50cm3, vitesse max 50km/h |
| L6 | 4 roues, poids à vide inférieur à 350kg (sans batteries, sans liquide), cylindrée max 50cm3, puisssance max 4kW, vitesse max 45km/h |
| L7 | 4 roues, autres que spécifié dans L6, poids à vide 400 kg (550 pour les véhicules de transport de marchandises), puissance max 15kW, vitesse max 45km/h |
| M | 4 roues, transport de puissonnes (2 à 4 portes) |

| **§** | **Category** | **Description** |
| --- | --- | --- |
| **2.1** | **L** | **Motor** [**vehicles**](https://en.wikipedia.org/wiki/Vehicle) **with less than four wheels** [but does include light four-wheelers] |
| **2.1.1** | **L1** | A two-wheeled [vehicle](https://en.wikipedia.org/wiki/Vehicle) with an engine [cylinder capacity](https://en.wikipedia.org/wiki/Engine_displacement) in the case of a thermic engine not exceeding 50 cm³ and whatever the means of propulsion a maximum design speed not exceeding 50 km/h. |
| **2.1.2** | **L2** | A three-wheeled [vehicle](https://en.wikipedia.org/wiki/Vehicle) of any wheel arrangement with an engine [cylinder capacity](https://en.wikipedia.org/wiki/Engine_displacement) in the case of a thermic engine not exceeding 50 cm³ and whatever the means of propulsion a maximum design speed not exceeding 50 km/h. |
| **2.1.3** | **L3** | A two-wheeled [vehicle](https://en.wikipedia.org/wiki/Vehicle) with an engine [cylinder capacity](https://en.wikipedia.org/wiki/Engine_displacement) in the case of a thermic engine exceeding 50 cm³ or whatever the means of propulsion a maximum design speed exceeding 50 km/h. |
| **2.1.4** | **L4** | A [vehicle](https://en.wikipedia.org/wiki/Vehicle) with three wheels asymmetrically arranged in relation to the longitudinal median plane with an engine [cylinder capacity](https://en.wikipedia.org/wiki/Engine_displacement) in the case of a thermic engine exceeding 50 cm³ or whatever the means of propulsion a maximum design speed exceeding 50 km/h (motor cycles with sidecars). |
| **2.1.5** | **L5** | A [vehicle](https://en.wikipedia.org/wiki/Vehicle) with three wheels symmetrically arranged in relation to the longitudinal median plane with an engine [cylinder capacity](https://en.wikipedia.org/wiki/Engine_displacement) in the case of a thermic engine exceeding 50 cm³ or whatever the means of propulsion a maximum design speed exceeding 50 km/h. |
| **2.1.6** | **L6** | A [vehicle](https://en.wikipedia.org/wiki/Vehicle) with four wheels whose unladen mass is not more than 350 kg, not including the mass of the batteries in case of electric vehicles, whose maximum design speed is not more than 45 km/h, and whose engine [cylinder capacity](https://en.wikipedia.org/wiki/Engine_displacement) does not exceed 50 cm³ for spark (positive) ignition engines, or whose maximum net power output does not exceed 4 kW in the case of other internal combustion engines, or whose maximum continuous rated power does not exceed 4 kW in the case of electric engines. |
| **2.1.7** | **L7** | A [vehicle](https://en.wikipedia.org/wiki/Vehicle) with four wheels, other than that classified for the category **L6**, whose unladen mass is not more than 400 kg (550 kg for [vehicles](https://en.wikipedia.org/wiki/Vehicle) intended for carrying goods), not including the mass of batteries in the case of electric [vehicles](https://en.wikipedia.org/wiki/Vehicle) and whose maximum continuous rated power does not exceed 15 kW. |
| **2.2** | **M** | [**Vehicles**](https://en.wikipedia.org/wiki/Vehicle) **having at least four wheels and used for the carriage of passengers** (e.g., standard car with 2, 3, 4 doors). |
| **2.2.1** | **M1** | [Vehicles](https://en.wikipedia.org/wiki/Vehicle) used for carriage of passengers, comprising not more than eight seats in addition to the driver's = 9.( Larger Than Standard Car eg: London Cab / E7 Type Vehicle 8 seat + Driver.) |
| **2.2.2** | **M2** | [Vehicles](https://en.wikipedia.org/wiki/Vehicle) used for the carriage of passengers, comprising more than eight seats in addition to the driver's seat, and having a maximum mass not exceeding 5 tonnes. ([Bus](https://en.wikipedia.org/wiki/Bus)) |
| **2.2.3** | **M3** | [Vehicles](https://en.wikipedia.org/wiki/Vehicle) used for the carriage of passengers, comprising more than eight seats in addition to the driver's seat, and having a maximum mass exceeding 5 tonnes. ([Bus](https://en.wikipedia.org/wiki/Bus)) |
| **2.3** | **N** | **Power-driven** [**vehicles**](https://en.wikipedia.org/wiki/Vehicle) **having at least four wheels and used for the carriage of goods** |
| **2.3.1** | **N1** | [Vehicles](https://en.wikipedia.org/wiki/Vehicle) used for the carriage of goods and having a maximum mass not exceeding 3.5 tonnes. ([Pick-up Truck](https://en.wikipedia.org/wiki/Car_classification), [Van](https://en.wikipedia.org/wiki/Truck_classification)) |
| **2.3.2** | **N2** | [Vehicles](https://en.wikipedia.org/wiki/Vehicle) used for the carriage of goods and having a maximum mass exceeding 3.5 tonnes but not exceeding 12 tonnes. ([Commercial Truck](https://en.wikipedia.org/wiki/Truck_classification)) |
| **2.3.3** | **N3** | [Vehicles](https://en.wikipedia.org/wiki/Vehicle) used for the carriage of goods and having a maximum mass exceeding 12 tonnes. ([Commercial Truck](https://en.wikipedia.org/wiki/Truck_classification)) |
| **2.4** | **O** | [**Trailers**](https://en.wikipedia.org/wiki/Trailer_(vehicle)) **(including semi–trailers)** |
| **2.4.1** | **O1** | [Trailers](https://en.wikipedia.org/wiki/Trailer_(vehicle)) with a maximum mass not exceeding 0.75 tonnes. |
| **2.4.2** | **O2** | [Trailers](https://en.wikipedia.org/wiki/Trailer_(vehicle)) with a maximum mass exceeding 0.75 tonnes, but not exceeding 3.5 tonnes. |
| **2.4.3** | **O3** | [Trailers](https://en.wikipedia.org/wiki/Trailer_(vehicle)) with a maximum mass exceeding 3.5 tonnes, but not exceeding 10 tonnes. |
| **2.4.4** | **O4** | [Trailers](https://en.wikipedia.org/wiki/Trailer_(vehicle)) with a maximum mass exceeding 10 tonnes. |
| **2.5.3** |  | [Ambulance](https://en.wikipedia.org/wiki/Ambulance)[[Cat 4]](https://en.wikipedia.org/wiki/Vehicle_category#cite_note-6) |
| **2.5.2** |  | [Armored car (VIP)](https://en.wikipedia.org/wiki/Armored_car_(VIP)), [Armored car (valuables)](https://en.wikipedia.org/wiki/Armored_car_(valuables))[[Cat 3]](https://en.wikipedia.org/wiki/Vehicle_category#cite_note-5) |
| **2.5.4** |  | [Hearse](https://en.wikipedia.org/wiki/Hearse)[[Cat 5]](https://en.wikipedia.org/wiki/Vehicle_category#cite_note-7) |
| **2.5.1** |  | [Motor caravan](https://en.wikipedia.org/wiki/Motorhome),[[Cat 2]](https://en.wikipedia.org/wiki/Vehicle_category#cite_note-4) also [Campervan](https://en.wikipedia.org/wiki/Campervan), [Motorhome](https://en.wikipedia.org/wiki/Motorhome). |
| **2.5** |  | **Special purpose vehicle**[[Cat 1]](https://en.wikipedia.org/wiki/Vehicle_category" \l "cite_note-3) |
| **2.6** | **T** | **Agricultural and Forestry** [**tractors**](https://en.wikipedia.org/wiki/Tractor)[[Cat 6]](https://en.wikipedia.org/wiki/Vehicle_category#cite_note-8) |
| **2.7** |  | [**Non-road mobile machinery**](https://en.wikipedia.org/wiki/Non-road_mobile_machinery)[[Cat 7]](https://en.wikipedia.org/wiki/Vehicle_category#cite_note-9) |
| **2.8** | **G** | [**Off-road vehicles**](https://en.wikipedia.org/wiki/Off-road_vehicle)[[Cat 8]](https://en.wikipedia.org/wiki/Vehicle_category#cite_note-10)[[Cat 9]](https://en.wikipedia.org/wiki/Vehicle_category#cite_note-11) |
| **2.9.2** |  | **Special purpose** [**vehicles**](https://en.wikipedia.org/wiki/Vehicle) **(M1)** |
| **2.9.2.1** | **SA** | [Motor caravan](https://en.wikipedia.org/wiki/Motor_caravan): see paragraph 2.5.1. |
| **2.9.2.2** | **SB** | [Armoured vehicle](https://en.wikipedia.org/wiki/Armoured_vehicle): see paragraph 2.5.2. |
| **2.9.2.3** | **SC** | [Ambulance](https://en.wikipedia.org/wiki/Ambulance): see paragraph 2.5.3. |
| **2.9.2.4** | **SD** | [Hearse](https://en.wikipedia.org/wiki/Hearse): see paragraph 2.5.4. |

<https://en.wikipedia.org/wiki/Vehicle_category>

# Données techniques par catégorie de véhicule

CELEX\_32013R0168\_EN\_TXT.pdf, p.48-49[[2]](#footnote-2)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Catégorie | Longueur [mm] | Largeur [mm] | Hauteur [mm] | Vmax [km/h] | Pmax [kW] | Poids à vide [kg] |
| L1e | <= 4000 | <= 1000 | <= 2500 | <= 45 | <=4kW |  |
| L1e-A |  |  |  |  | <=1kW |  |
| L1e-B |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| L2e | <= 4000 | <= 2000 | <= 2500 | <= 45kmh | <=4kW | <=270 |
| L2e-U |  | Surface transport >= 0.3\*L\*l | Volume transport >= 600mm3 |  |  |  |
|  |  |  |  |  |  |  |
| L3e-A1 | <= 4000 | <= 2000 | <= 2500 |  | <= 11kW  <= 0.1kW/kg |  |
| L3e-A2 |  |  |  |  | <=35kW  <= 0.2kW/kg |  |
|  |  |  |  |  |  |  |
| L4e | <= 4000 | <= 2000 | <= 2500 |  |  |  |
|  |  |  |  |  |  |  |
| L5e-B | <= 4000 | <= 2000  Surface transport >= 0.3\*L\*l | <= 2500 |  |  | <= 1000 |
|  |  |  |  |  |  |  |
| L6e-A | <=3000 | <= 1500 | <= 2500 | <= 45 | <=4kW | <=425 |
| L6e-B | <=3000 | <= 1500 | <= 2500 | <= 45 | <=6kW | <=425 |
| L6e-BU |  | Surface transport >= 0.3\*L\*l | Volume transport >= 600mm3 |  |  |  |
|  |  |  |  |  |  |  |
| L7e-C | <=3700 | <= 1500 | <= 2500 | <= 90 | <=15kW | <=600 |
| L7e-CU |  | Surface transport >= 0.3\*L\*l | Volume transport >= 600mm3 |  |  |  |

Dans les pages suivantes du fichier PDF, il est donné la liste des exigences et des tests à faire pour chaque catégorie et sous-catégorie.

* Exigences au niveau de l’environnement et performances de la propulsion
* Exigences sur la sécurité fonctionnelle du véhicule
* Exigence sur la conception général du véhicule

1. <https://en.wikipedia.org/wiki/Vehicle_category> [↑](#footnote-ref-1)
2. <https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1579506899128&uri=CELEX:32013R0168> [↑](#footnote-ref-2)