



myenergy
Luxembourg

State subsidies

for private charging stations



Premiums

Single-family building (1 - 3 stations)

Type of charging station	Limit
Simple charging station*	50 % of costs excl. VAT (equipment + installation) Up to €750
Smart charging station**	50 % of costs excl. VAT (equipment + installation) Up to €1,200

Multi-family building (at least 4 stations)

Type of charging station	Limit
Smart charging station**	50 % of costs excl. VAT (equipment + installation) Up to €1,200
Charging station integrated into a collective intelligent charging management system***	50 % of costs excl. VAT (equipment + installation) Up to €1,650

Eligibility criteria

- Only for natural persons
- New charging station
- Purchase between 1 July 2020 and 30 June 2023
- Maximum charging power limited to 11 kW and installed by a qualified electrician
- Location within Luxembourg
- One installation per accommodation or business premises. Where accommodation and business premises are not in the same building, only one installation per person
- Charging stations intended for commercial operation or resale are not eligible for financial assistance.

* Complies with connection requirements (TAB - technical connection conditions)

** Complies with connection requirements (TAB - technical connection conditions) + OCPP (Open Charge Point Protocol)

*** Complies with connection requirements (TAB - technical connection conditions) + collective intelligent load management system managing all of the building's charging stations

Technical recommendations

Connection to a private meter

- Separate circuit in three-phase, five-wire configuration, from the main low voltage (LV) switchboard to the charging point, in accordance with the maximum current approved by the distribution system operator (e.g. NHXMH-J5x6mm²)
- Separate protection comprising a type B or type A/EV RCD in the main LV switchboard if the charging station is not equipped with a means of protection that also detects continuous fault currents
- Wiring required for communication with smart meters with charging power from 7kW (e.g. HSLCH-JZ 3 x 1.5mm²)
- For outdoor use, the intended protection class must be at least IP44.

Additional recommendations for a charging station in a multi-family building:

- Establishment of a data connection (usually via Ethernet) for individual charging stations for charge management operating version 1.6. or later of the Open Charge Point Protocol (OCPP), since charge management/»Smart Charging« are only defined from this version
- Cables must be routed through the general area of the building, taking into account openings in walls or fire partitions to be crossed
- Consideration of the fire fighting system (armed fire faucets, sprinkler installation, etc.); for garages with more than 20 parking spaces, the charging stations must be integrated into the fire protection system and deactivated in the event of a trigger.

Connection to a meter dedicated to electromobility

(additional recommendations to those mentioned above!)

- Connection of the new meter for the charging infrastructure with the building's main distributor, including insulation conduits or support rail system. Cables must be routed through the general area of the building, taking into account openings in walls or fire partitions to be crossed.
- Depending on the charging infrastructure used, additional space may be required for the installation of a "meter" for each charging point unless these meters are integrated into the charging stations. MID compliant meters must be used to read electricity consumption.
- Connection cables, including insulation conduits or mounting rails (electrical and data cables), must be laid between the new meter cabinet and each parking space to be supplied.
- Additional space to accommodate the load management infrastructure (switch, server, etc.).



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