

# MAXIMUM USE of the power available

**Dynamic Load Management 2.0 (DLM 2.0)** is the latest generation dynamic management system for the INGEREV® range of e-vehicle charging points. It is supplied as standard in the FUSION and RAPID 50 models.

DLM 2.0 allows all the charging points to share the total power defined for the equipment in the most balanced and dynamic way possible, also permitting the interconnection of a group of charging points and the definition of a maximum power output for the whole group. This ensures that the assigned threshold is never exceeded, regardless of the number of vehicles charging simultaneously.

It is therefore possible **to optimize the use of the existing installation**, which may be limited by the contracted power available, the power handling capability due to the cable section, or any other constraint.

Additionally, the consumption of the rest of the installation can be taken into account through the EMS (Energy Management System) in order to dynamically change the overall total power of the DLM 2.0

## DLM BASICS

**DLM 2.0 dynamically manages the power of each socket in the installation**, based on the number of sockets in operation, the types of sockets or connectors used at each charging point and the current actually demanded by each vehicle. This is all evaluated in real time every second.

It is a dynamic, adaptive system, given the fact that if one of the vehicles is not consuming the current assigned by the system then, after a given time, the current not being consumed

is assigned to the rest of the vehicles connected, for maximum use of the power.

It is possible to choose to prioritize those vehicles connecting in Mode 3 over those connecting through a domestic socket in Modes 1 + 2, or vice versa.

Moreover, the operating time of the domestic sockets can be limited, as these are non-adjustable loads.

It is also possible to combine AC (three phase and single phase) points with DC points in the same group of charging points.

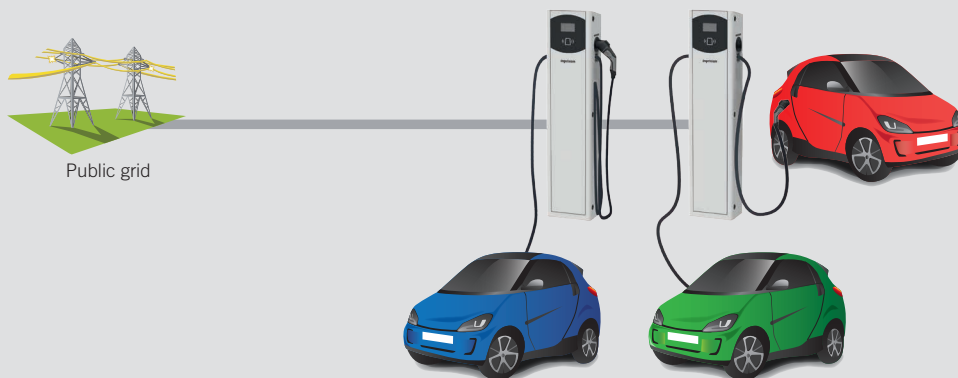
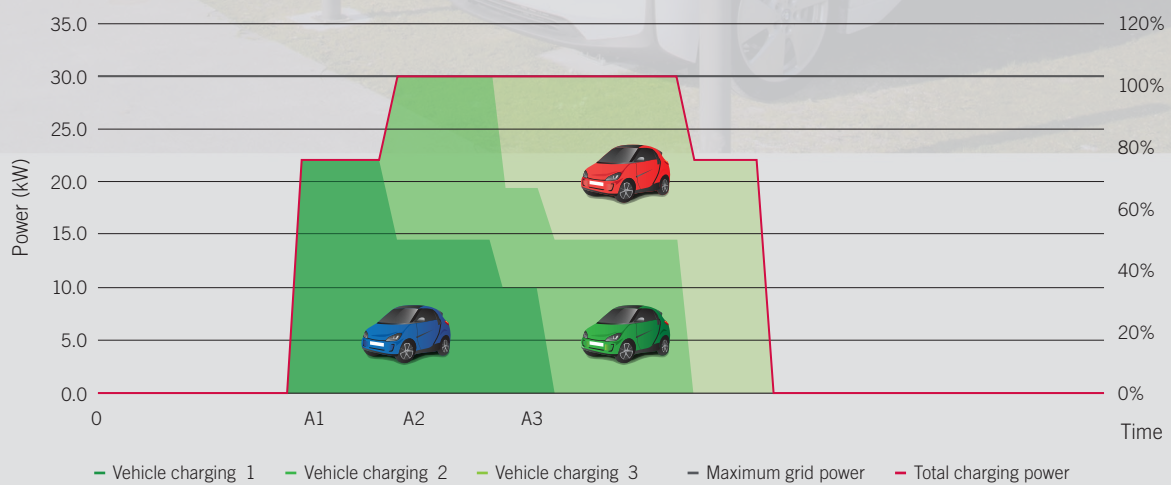
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DLM 2.0

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Dynamic Load Management



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