

Dynamic Load Management

Make simultaneous EV charging easier, faster and cheaper

Main problems

EV drivers want to charge their vehicles faster, specially in public and semi-public spaces while charging service providers want to lower their costs.

This situation requires an intelligent system to manage the charge and this is where Dynamic Load Management System (DLM) comes in.

Try DLM solution

Dynamic Load Management (DLM) system is designed for an intelligent energy management of several charging stations that work simultaneously.

DLM allows charging more EVs simultaneously in less time using the available power more efficiently and balancing it among the EV chargers.

It also allows increasing the number of charging stations available over the years.

Without dynamic load management



With dynamic load management



The existence of more EVs charging simultaneously creates new challenges:



- Overloading that causes a blackout due to limited grid capacity.
- High investment to upgrade the installation.
- Not having the possibility to charge the EV's simultaneously.

This system offers two possibilities:



- DLM Standard: when the electric installation is fully dedicated to electric vehicle charging stations.
- DLM Premium: when the charging stations are connected to another facility sharing the maximum power availability.

DLM Standard

- OCPP Ready: Chargers can be controlled by a back office system.
- EV Charging Status: Monitor all chargers with a SCADA screen.
- User Authentication RFID: Increase the security of the system with RFID tags
- Power Monitoring: Check total power management of your installation with a SCADA screen.
- Offline operation: In case of communications problems the system is able to keep charging.

DLM Premium

- DLM Standard features.
- Building energy monitoring: Measure the power used by the building and adjust the power available for charging.
- EV Chargers priority: Set up VIP chargers as a priority charging.
- Power graphic: allow consulting chargers and building historical consumptions.

Designed for

