

# Automated system CHARGE MANAGEMENT MODULE

For flattening the power peak

*Note that the components used are industrial grade.*



## CHARGE MANAGEMENT MODULE

This device analyzes the building's electrical infrastructure in real time and allocates only the available power to the charging stations. Using this module not only limits or even eliminates the need to modify the building's electrical input, but also to increase the number of charging stations installed while controlling peak power.

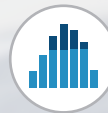
✓ **ROBUST**

✓ **COMPACT**

✓ **EASY TO INSTALL**  
(indoors and outdoors)

## CHARACTERISTICS

- ✓ Dimensions: (W) 550 mm x (H) 575 mm x (D) 210 mm
- ✓ Real-time monitoring of electrical infrastructure
- ✓ Gradual modulation of terminals according to available power
- ✓ Savings by reducing and flattening power peaks
- ✓ Increase the number of terminals that can be installed without major modification to the building's electrical entrance
- ✓ Compatible with niv.2 and niv.3 terminals accepting local commands via Protocol OCPP v1.6 / v2.0
- ✓ Management of up to 20 chargers per module



Power peak flattening



Improved energy efficiency



Increase the number of electric vehicles charging stations



Reduces costs  
(from purchase to operating costs)



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## CHARGE MANAGEMENT MODULE

Compact, precise and reliable. This system is a forward-looking solution for the electrification of transport. Whether for personal, operational or commercial needs, the CMM enables businesses and multi-unit buildings not only to improve their charging infrastructure and energy efficiency, but also to reduce related costs.



### INTERNET

A functional Internet link is required only if a public charging service is planned, so that charging stations can communicate with transactional servers and also with various mobile applications.



### COMMUNICATION

A communication link between the terminals and the CMM is required so that the devices can exchange data and management commands. Although it is possible to use the building's existing network (ex: wi-fi), it is recommended to provide a direct and independent link.



### CURRENT TRANSFORMERS

Also known as CTs, these devices measure the voltage and current of a cable and relay the data to the CMM for analysis and processing.



### ELECTRICITY

Power supply.

