



9 poles
for EV charging



Load balancing
function

Case Study

NEDAL Aluminium BV - Utrecht

Accessible and efficient EV charging infrastructure

The primary goal of this project was to create an accessible and efficient EV charging infrastructure within the company's parking facility for employees and customers.

A total of 9 charging stations have been installed in the parking with a charging capacity of 22 kW per pole. Optimizing power distribution and ensuring seamless charging for all users has been ensured thanks to the load balancing function. A key element for the proper operation of the load balancing function was the Seak CHARGER controller installed inside the column.

Load balancing technology ensures that power distribution among the charging poles is optimized and reducing charging time for all users. It also ensures that the company's energy consumption stays in line with the local power grid capacity.

The implementation of EV charging stations aligns with the company's commitment to environmental responsibility, enhancing its corporate image as a sustainability-conscious organization.

The project was implemented with our long-term partner in Netherland - the company NEDAL Aluminium BV.



LUMiCHARGER - EV charging pole - AC 22 kW



DIN rail with CHARGER controller - the the heart of load balancing function



Company's parking facility with 9 EV charging poles