



3 EV chargers
LUMiCHARGER



Load
balancing
function

Case Study

EV stations - Hranička living

Modern cities are increasingly addressing the issue of charging electric vehicles without the need for massive and expensive construction. One effective solution is to use public lighting infrastructure to install charging points. This is exactly the solution used by the residents of Waltrovka in Prague 5 in the Hranička Living residential project.

In cooperation with the real estate platform XPlace, we installed 6 LUMiCHARGER charging points with an output of 22 kW in 3 public lighting columns. Thanks to the patented SEAK SMART technology, these lamps can not only control street lighting, but also intelligently charge electric vehicles. They can distribute the power evenly between the cars being charged so as not to overload the grid. Lighting always takes priority - charging only uses the remaining capacity of the grid.

Drivers can activate charging using the Chargeme.online app or an RFID card. In addition, the app allows the owner of the charger to manage charging and payments, set different prices for residents and the public, or specify that only energy from green sources (photovoltaic, etc.) is used for charging.

Integrated charging in urban environments is not only a design solution, but also a cost-effective and environmentally sustainable solution for the future of urban living and electric mobility.



Charging station
LUMiCHARGER



Residential project
Hranička living