



The e-smart is charged with current from the company rooftop.

New in our car pool: The E-smart

“The car’s future is the electric drive vehicle. The limited supply of fossil fuel energy sources and the climate change impel us to act.”

All the headlines read the same. Keller Lufttechnik participates in paving the way for electric-powered mobility in utilizing an electric vehicle in its car

pool. The company not only installed its own photovoltaic system to produce current, but also applies environmentally friendly resources inside the drive controls.

Keller Lufttechnik is participating in the research project “MeRegioMobil” together with EnBW and Daimler which is supported by the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety. Select customers test the smart electric drive vehicle for this project.

The goal of the project is to collect data from an integrated charging process which provides information for the further development of electric vehicles and a suitable infrastructure.

The intelligence of the charging process lies in the exchange of information between the smart fortwo’s electronics and the power supply system. This, among others, makes it possible to control re-charge intervals in such a way that favorable charge times can be used effectively.

The “quiet scooter” boasts a Lithium-Ions Battery as the first electric vehicle in the world which is re-charged with Keller’s own current. Charging at the in-house filling station, the so-called “wallbox” and at public charge stations is comfortable, easy and safe – as is the billing.

With a range of 135 kilometers and a top speed of 100 km/h, the smart is an ideal vehicle for urban and regional travel. The electric vehicles are still quite expensive, but soon the batteries will become less costly. As soon as the electric car costs equal those of an automobile with a combustion engine, it realizes a clear advantage: electrical current costs are half of those for gas or petrol. <

