

ACM CITY.

The electric multi-purpose city vehicle

**Adaptive
City
Mobility**

Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages

**IKT FÜR
ELEKTROMOBILITÄT**



One for many.

The energy-efficient and cost saving lightweight vehicle can be used adaptively for the most varied applications in both passenger and goods transport in urban areas. In addition, different platforms and equipment fitted on the basic body of the ACM CITY enable the use of the vehicle for specific logistical purposes.

Less vehicles. Better utilized.

Thanks to the innovative information and communications technology, the vehicles become connected software-based entities which are networked to the intelligent ACM CITY eFLEET. They can be distributed and used more efficiently than privately owned cars. Users are able to enjoy the same mobility functions as with their own cars while having less expenses per km. Thus, driving costs and vehicle density are reduced, the environment is protected and valuable space in the cities is recovered!

Electrical is successful.

The competitive ACM business model is based on many different sources of income such as ride-hailing, energy sales, digital advertising and battery leasing. Together with the technological innovations, the total operating costs can be greatly reduced. Electromobility therefore no longer has to be expensive and exclusive.



Incredibly light.

Lightweight champion in its category with max. 650 kg incl. batteries



A true space miracle.

Max. leg room through unique three-seat concept & whole new driving experience through continuous Plexiglas doors



Unlimited range.

24/7 usage in the city thanks to the modular battery swapping system



Emission-free eMobility System for Cities.

Energy-efficient. Resource-conserving. Environmentally friendly. A new approach to the urban transport of people and goods in the future!



Lightweight Vehicle

Less is more.

The idea underlying our approach was to develop the lightweight energy-efficient ACM CITY for the vehicle category L7E. For the intended use in city centres, we believe that a maximum speed of 90 km/h, 3 seats (one driver and two passengers) and a „backpack“ trunk providing space for 2-4 suitcases should be more than sufficient.



Modular Battery Swapping System

Drive, don't charge.

Our solution to the range problem consists of battery modules which can be replaced manually or automatically at battery replacement stations. Charging with cable is also possible. This means that, in addition to the e-vehicle itself, we offer an overall package solution for electromobility including the infrastructural supply required for it.



Intelligent Networking

Sharing instead of owning.

Networking all entities (vehicles, battery replacement stations, end users' smartphones, backend) with real-time data transmission makes it possible to intelligently and safely control the ACM CITY eFLEET. Vehicles can work to full capacity through multiple variations of use. Real-time data serve as the basis for innovative business models and digital advertising control.

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