

Media release

eLoaded presents "as a service" the first mobile HPC solution with unlimited energy supply!

Neusäß, 26. Februar 2021

Proven technology under a new concept. The innovator eLoaded presents the first fully mobile HPC solution that comes without power limitation on the supply side. The basis for this are the already established modules DCCube, DCSource and DCBus, which are already in several projects in commercial service. Because events are moments to shine, there is no room for experiments. Key is: Availability, reliability, interoperability.

eLoaded offers its system for rent "as a service" under a new founded event company, the charge4hire GmbH. Charge4hire consists of an experienced racing and event team + eLoaded.

This enables a competitive holistic concept that is unique in the market. Fully mobile fast-charging stations without power limits. The only prerequisite: a standard grid connection. It is that easy.

eLoaded fulfills hereby the function of a full-service provider: From coordination with local network operator from delivery to installation and even 24/7 on-site support to ensure trouble-free power supply. The service can be provided worldwide.





Abbildung 1: eLoaded DCCube-mobile with integrated charging plug: Position, Connect, Charge – with up to 420KW. E-mobility can be that easy.

There are a lot of several needs that will be addressed with eLoaded mobile charging stations:

- Exhibition, Racing Events, Concerts and other events: The solution perfectly fits to any use where the need of charging stations is just of temporary nature.
- Bridging construction time: During construction, the required charging power can now be easily provided on another location nearby.
- Field tests under real service conditions: Bus and other fleet operator can now test their fleet setup under real operating conditions to identify and confirm the perfect charging concept for safe, smooth and efficient operation. This reduces planning uncertainties to a minimum.
- Testing new charging scenarios or locations: Charge point operators (CPO) can now test the acceptance and utilization of new charging locations instead of investing into the blue.

- Covering capacity peaks: Charge point operators (CPO) can as of now absorb peak loads, e.g. at holiday or trade fair times, which allows them to optimize the station design.

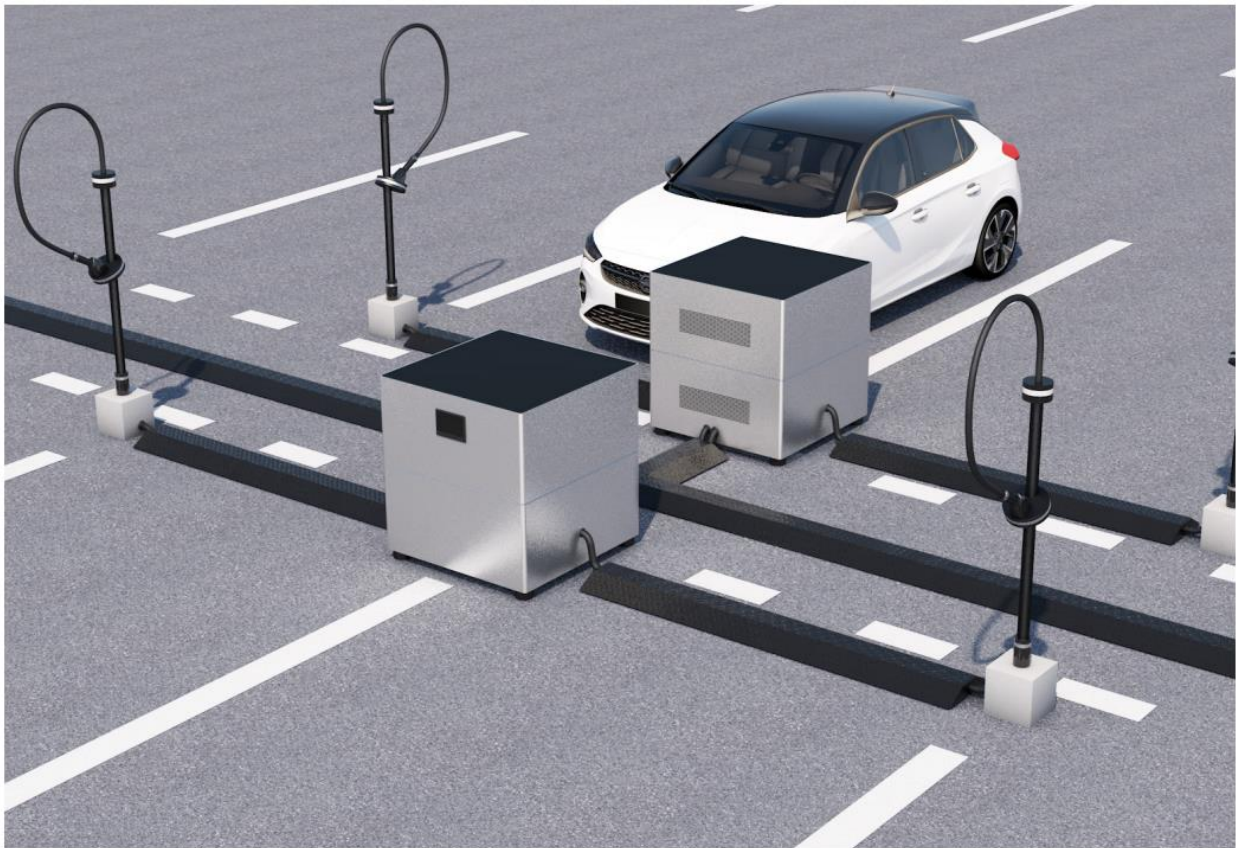
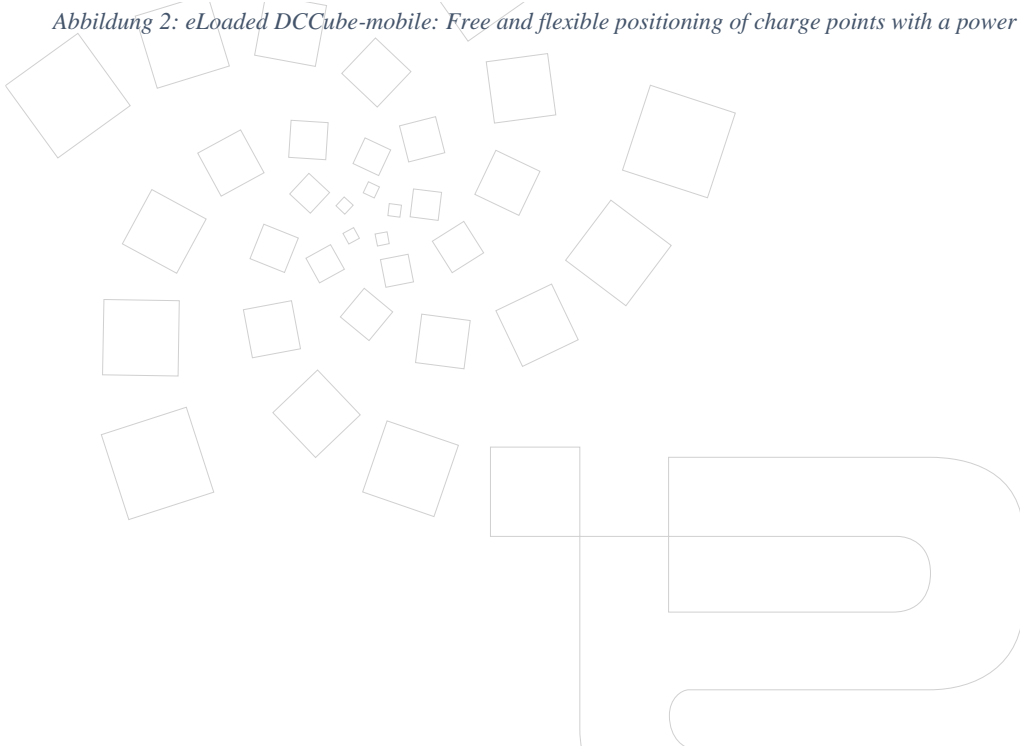


Abbildung 2: eLoaded DCCube-mobile: Free and flexible positioning of charge points with a power of up to 420kW.



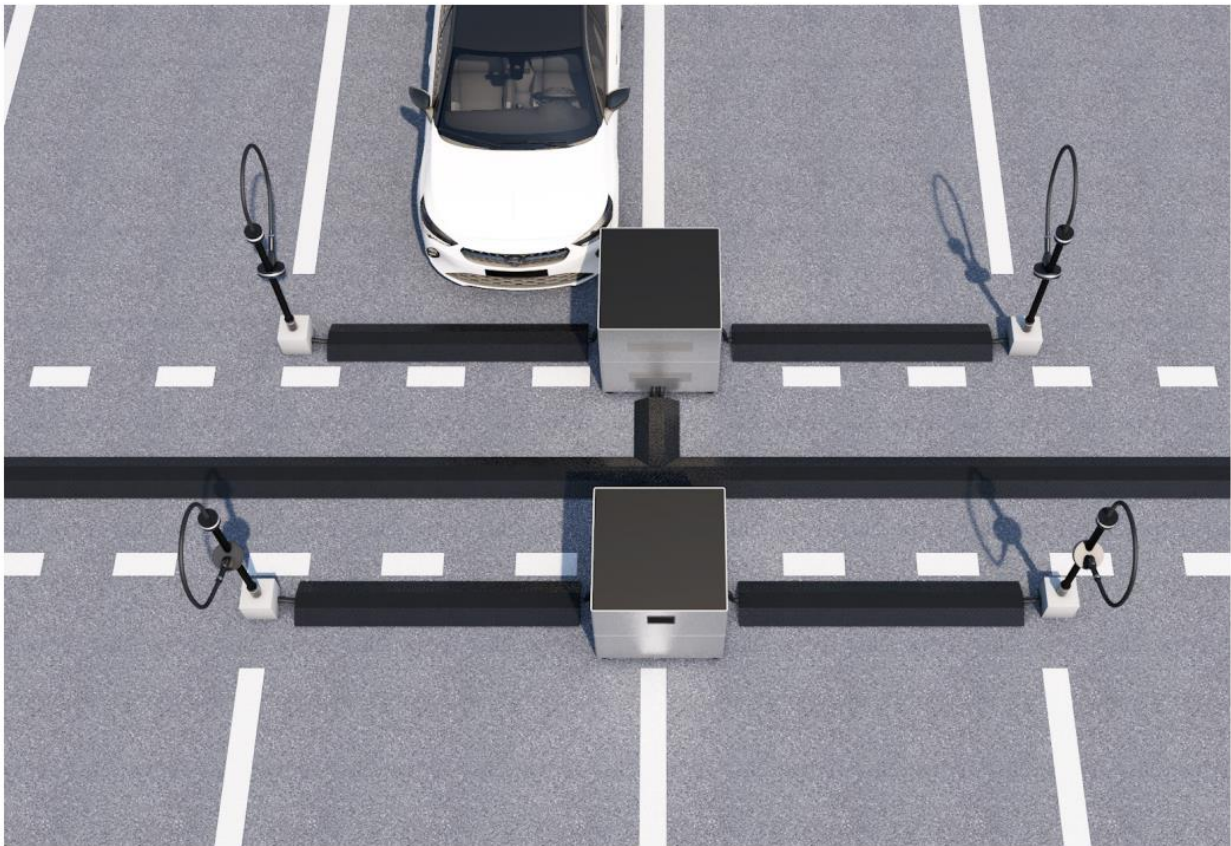


Abbildung 3: eLoaded DCCube-mobile: The car is all time accessible e.g. for service or presentation during high power charging process with up to 420kW.

Even of different nature, all use cases have a common sense: Thanks to the eLoaded mobile solutions, charging points are always available when they are needed. And only, when they are needed.

The solutions are unique on the market. The charging points are not bounded by a fix topology, like e.g. a truck trailer. Instead, they can be flexible positioned on green field. The energy is sourced per plug&play concept from conventional medium or low-voltage grid via a fully insulation-monitored DCBus system. Absolutely safe. Power strings with up to 7km are used to distribute the power from the grid connection to the individual charging points. Theoretically even higher distances can be managed with this unique power distribution system. Green electricity can be sourced from the grid operator via a non-permanent connection. This ensures 24/7 stable green power supply. In contrast to battery-based systems, the system is without hazardous substances, which means that there are no specific transport restrictions which need to be considered. The housing, branding and CI of the charging system will be adapted to the customer. Charging

power of up to 420kW can be realized with standard modules. On request, even 500kW are possible.

E-Mobility can be this simple: Delivery, set up, connect - charge.

The system is available as of May 2021. It can be ordered for rent or for purchase. Bookings and orders can be already placed.

A first reference project is already booked: eLoaded is happy to equip 2021 a huge European racing series with its mobile charging solutions. This will be the first racing series, which is charging its cars with 100% green energy. It will be another milestone in racing history and the history of e-mobility.

eLoaded GmbH:

Reduce to Max: Minimalistic design, safe operation, full availability. eLoaded develops globally with well-known partners from Industry, Commerce and Transportation E-Mobility projects. The competency reaches from small park&charge concepts up to holistic e-mobility-hubs.

