

Let's talk!

The fast charging technology for the „Deutschlandnetz” is, fully compliant, available from Power Innovation.

The E-CHARGER 600 power container (4 charging points for dynamic charging up to 450 kW per # charging point) was created from the cooperation with ENERCON.



This was converted with a further power unit to the E-CHARGER 900 with 900 kW mains connection line in order to permanently achieve the simultaneity factor 1 at  $4 \times > 200 \text{ kW}$  for the "S" variant.

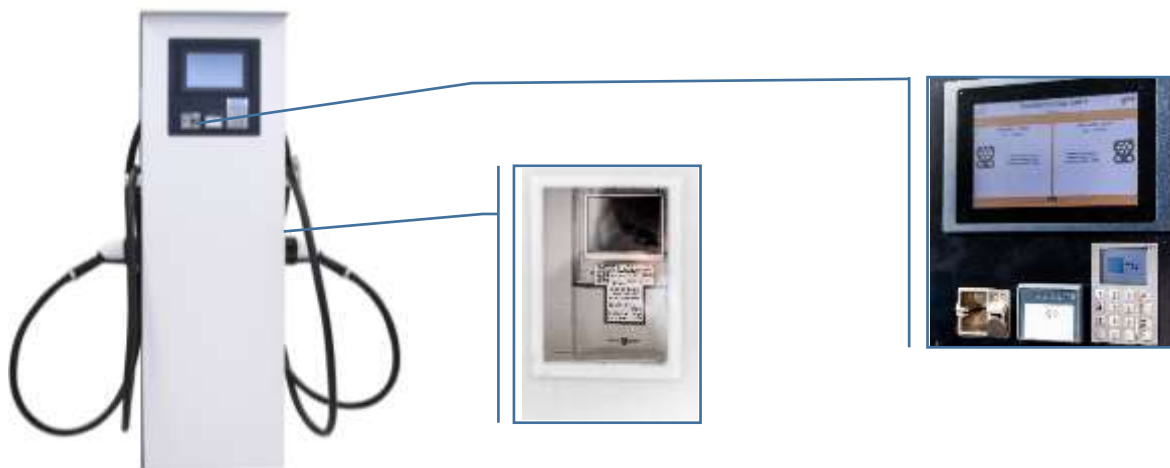
The expansion with additional power containers forms the variants M, L and XL.

In addition, the issue of # system perturbation is fully taken into account by ENERCON converter technology. The E-CHARGER already meets the technical requirements of the European network operators from 2020, such as the #TAR MS 4110.

A power container serves up to 4 charging points with 500A each.

The # charging columns are equipped with **two calibrated DC meters approved by the #PTB**, cooled cables, and an **NFC card reader terminal with EC credit card reader and keyboard** per column.

By the end of 2021, the pillar's payment system, which is currently being examined by PTB, should be fully approved by PTB.



Thanks to the dynamic load distribution, an output of up to # 450 kW (900V / 500A) can be made available at each charging point.

This makes the E-CHARGER 900 the fastest HPC charger in the world.

The technology enables the direct, DC-coupled connection of battery storage systems, as well as regenerative energy sources (#wind plants, #bio power plants, # fuel cells, # solar systems).