

350 KW DC EV CHARGING ANALYZER/SIMULATOR



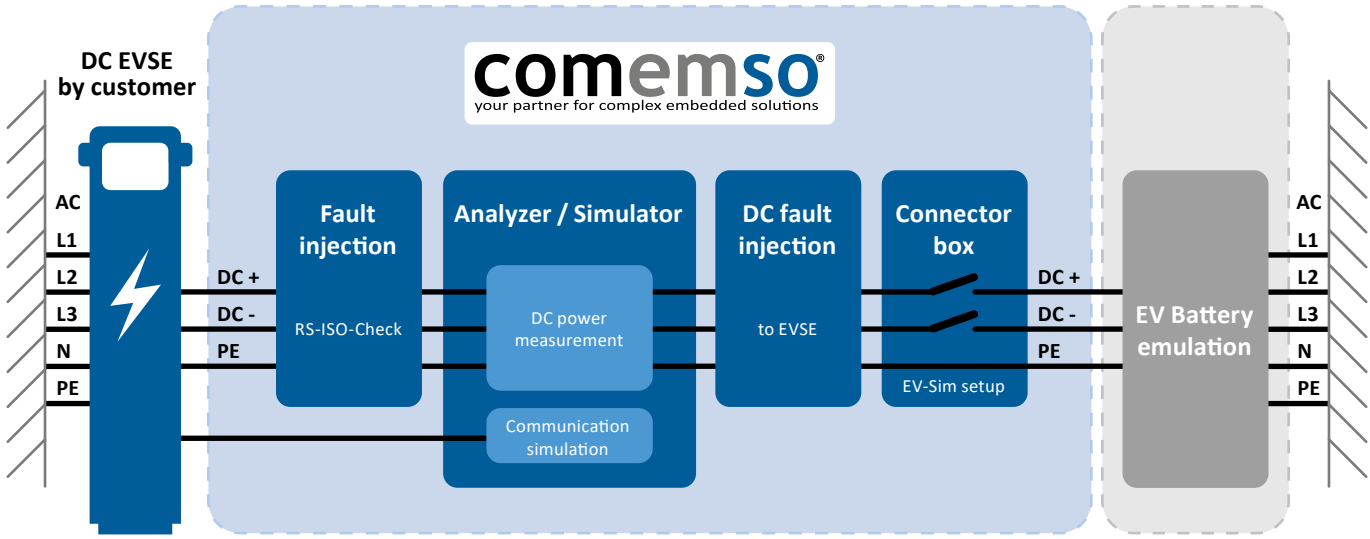
The EV Charging Analyzer is the technical standard in the analysis of the e-mobility charging process.

Developments in e-mobility present new challenges for vehicle and charging-system manufacturers. Due to high availability of the 230V AC main power supply, conductive charging systems for electric vehicles are now widespread. The relatively new standard IEC 61851-1, DIN 70121, ISO 15118 and SAE J1772 describe the requirements for European and US AC and DC-charging-systems, electrical waveforms and the pilot signal to control the charging process. By combining electric vehicles and charging systems from various manufacturers,

different system-tolerances and disturbing influences may occur. The causes of charge interruptions are very difficult to locate due to the long charging period.

The comemso EV Charging Analyzer / Simulator measures and verifies both the communication and the load circuit on standard-conformity over the complete duration of charging and records all deviations. User friendly and enhanced visualisations, fault injections and test libraries complete the possibilities of conformity and robustness testing.

DC application: EVSE Test (DC EV-Simulation).



Example system for
EVSE-Test, 350 kW
DC-CCS:

DC-CCS
1000 V, max. 500 A

CHAdeMO
500 V, 125 A



Example system
for EV-Test, 350 kW
DC-CCS:

DC-China
750 V, 250 A

CHAdeMO
500 V, 200 A

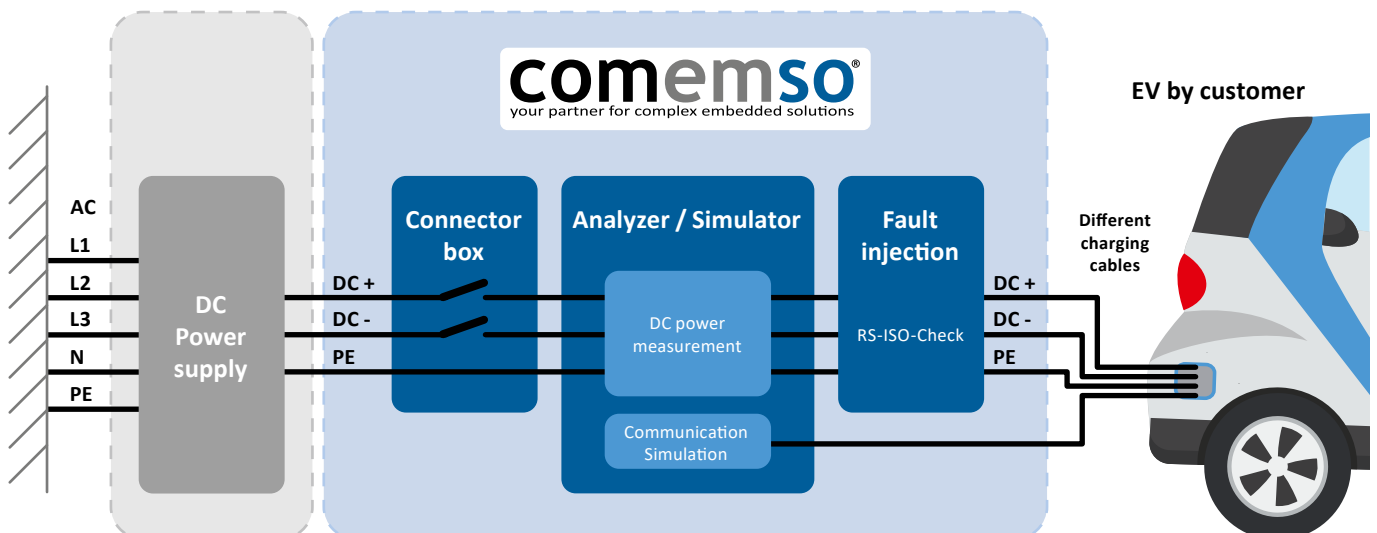


DC-CCS
1000 V, 500 A

Example for
400 kW of
a battery
emulator:



DC application: EV Test (DC EVSE-Simulation).



Our objective:
To make complex charging
processes easy to analyse
and test!

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