

Technology partner and e-mobility pioneer

Fast charging technology with the DC charging plug CCS

With its portfolio of products and solutions, the HARTING Technology Group is positioned as an electromobility technology partner and pioneer - and thereby driving the energy transition forward. The HARTING Automotive subsidiary is focusing on e-mobility solutions. The subsidiary supplies customised solutions and components for all relevant sales areas. Among other things, the subsidiary is developing and manufacturing charging infrastructure solutions for electric and plug-in hybrid vehicles. As part of the press highlight tour at HANNOVER MESSE, HARTING has now showcased an innovative charging connector.

In this context, the low-loss DC voltage featuring the latest HARTING high-current connectivity charges the battery of the e-vehicle in the shortest possible time. "Over the recent months, e-mobility has picked up tremendous momentum. There's no denying: high-performance fast charging will further improve acceptance of e-vehicles among drivers," as Marco Grinblats, Managing Director of HARTING Automotive stated. The breakthrough of e-mobility depends decisively on user-friendly charging infrastructure. "Fast charging technology with the DC charging plug CCS is a prerequisite for ensuring that in future vehicles will be supplied with sufficient power - not in a matter of hours, but in a few minutes," as Marco Grinblats underlined.

Power from wind turbines to charging stations

HARTING is a technology partner covering the entire energy process chain - from the renewable energy generation of wind energy to decentralised energy storage and the DC infrastructure all the way through to e-mobility charging plugs. With this comprehensive scope, HARTING differentiates itself from its market competitors.

HARTING is an enabler for reliable, clean and environmentally friendly e-mobility. The technology group is supplying charging solutions for Volkswagen's modular e-drive system (MEB), as well as the Audi e-tron and the Porsche Taycan platforms, among others. Last summer, HARTING Automotive took the prestigious Volkswagen Group Award 2020 in the E-Mobility category. With this award, the Volkswagen Group

April 2021, Page 2/ 4

acknowledged the exceptional achievements and high level of flexibility with which HARTING Automotive is contributing to the success of Volkswagen AG.

As part of the HANNOVER MESSE format, the main areas of application for HARTING in the field of today's charging infrastructure for electromobility were presented. One example of AC charging solutions is the Innogy Wall-Box, which can be used not only as a charging station in public areas, but also in the private sector as a Wall-Box. It underlines the trend towards modularity: with this customized OEM connectivity solution, HARTING ensures flexible and individual use by end users.

In cooperation with Porsche, HARTING has created a DC charging solution that can transfer very high power to the vehicle's energy storage system for a short time. A new innovative cooling technology ensures that all necessary parameters are maintained.

HARTING Automotive has put in strong growth over the past three years. "E-mobility topics have shifted up three gears in a very short time. I am most pleased to see the continued strong demand for HARTING solutions in this area," as Grinblats concludes.

A keen eye on the mobility concepts of the future

HARTING has long been involved in the mobility concepts of the future. The Technology Group looks back on many years of successful cooperation with the innovative Swiss automobile manufacturer Rinspeed. The ground-breaking "metroSNAP" concept vehicle launched by Rinspeed AG is also - and once again -relying on innovative HARTING technology. HARTING is contributing a specially designed interface supplying the vehicle with Power, Data and Signals.



The fast-charging station (left); Marco Grinblats, Managing Director of HARTING Automotive, is decidedly pleased with the positive developments.



HARTING supplies a specially designed interface that supplies the “metroSNAP” (below) with power, data and signals.

About HARTING:

The HARTING Technology Group is one of the world's leading providers of industrial connection technology for the three lifelines of Data, Signal and Power and has 14 production plants and 44 sales companies. Moreover, the company also produces retail checkout systems, electromagnetic actuators for automotive and industrial series use, charging equipment for electric vehicles, as well as hardware and software for customers and applications in automation technology, mechanical and plant engineering, robotics and transportation engineering. In the 2019/20 business year, some 5,500 employees generated sales of EUR 759 million.