

Charging Station for PEV and PHEV

This charging station is extremely well suited to teaching trainees how HV battery charging works in a motor vehicle. The charging station can be used in conjunction with the CarTrain "Electromobility" or "Hybrid and all-electric vehicles" course as well as with the CarTrain course "Diagnostics and maintenance of a HV battery". The station may also be used without any restrictions on a real plug-in hybrid or electric vehicle. The charging station is equipped with a type-2 charge connector with a corresponding charge controller, which monitors the communication with the vehicle in terms of charge parameters according to IEC 61851. The charging station pole uses Mode 3 with a maximum charging current of 10 amperes.

Technical features

- Charge socket type 2 for Mode 3 - charging mode
- Safety cover for the charging socket
- Actuator as part of the charging socket for locking or releasing the connector plug inside the socket
- Contactor for disconnection of the charge terminal from the power grid
- Max. charge current 10 A
- Inputs and outputs: 4-mm safety sockets
- Internal auxiliary voltage 24V DC / 1A
- Voltage supply: 230V AC/50-60Hz

