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INTERFLOW800

SIMPLE VEHICLE SIDE DC FAST CHARGING INTERFACE



With the **INTERFLOW** DC charging system, a DC fast charging interface can easily be integrated into a vehicle or a machine. The communication unit, the current measurement and the relays enable the charging of high voltage batteries according to the CCS standard.

Applications

Construction machines
Utility vehicles

Municipal vehicles
Prototype vehicles

Features

CCS 2.0 Communication according DIN70121
CAN 2.0 A/B Communication with Vehicle Control Unit and User Interface
Galvanically isolated HV current and voltage measurements
Inlet according IEC 62196-3 (200 A)*
Temperature sensor at Inlet (DC- & AC-Cables) and Outputs for LED at Inlet
Control of connector locking
Support of On-Board-Chargers
Max. outer diameter HV cable: \varnothing 25.5 mm
HV-Connection M10 Cable lug (Inlet and vehicle side)
HV-Interlock passive *optional, higher currents on request

Specifications

Supply voltage: 12 V / 24 V
Current: < 350 A
Voltage: < 800 VDC
System weight: 9.5 kg
Ambient temperature: -20 - +60 °C
Protection class IP66 according to EN 60529 and IK 09 according IEC 62262

