

Charging cables assembled

EVC High Power Charging cable PURWIL Connect 150 Classic

DC high power charging cable with CCS-2 connector

Application

DC charging cable assembled with CCS-2 vehicle connector.
Open cable end. Cable according to EN 50620 / IEC 62893-4-1, connector based on IEC 62196-3 .

Your Benefits:

- Admissible current up to 150A
- Protection code IP67
- Power and signal contacts silver-plated
- Easily replaceable power contacts and front case
- High cable flexibility and optimal system handling
- cable Ø of just 28.2mm
- Connector and cable developed and manufactured by BRUGG eConnect
- Customized length and cable end assembling possible

Technical Data

System:

- Charging standard: CCS Type 2
- Rated current of system: 150A
- Rated voltage of system: 1.000V DC
- Maximum charging power: 150kW
- Proximity pilot resistant: 1.500Ω (between PE and PP)
- Ambient temperature (operation): -35°C ... +45°C
- Temperature monitoring: 2x PT 1000
- DC/PE contacts: possible to replace (screwed)
- Insertion/withdrawal force: < 100N
- Insertion/withdrawal cycles: >10.000 (can be extended if DC/PE contacts are replaced)

Cable:

- Cross-section: 2X50+1G25+6X0.75mm²
- Bending radius: 10 x D
- Diameter: 28.2 ± 0.5mm
- Temperatur range: -40°C ... +90°C

CCS2-Connector Classic



Standards

EN 50620
IEC 62893-4-1
Based on IEC 62196-3

Selection Chart Connecting cables

Part no	Cable type mm ²	Charge coupler type	Cable length m	Cu-number kg/set	Weight appr. kg/set
560853	2X50+1G25+6X0.75	CCS2 Classic	4.0	4.97	9.6
560854	2X50+1G25+6X0.75	CCS2 Classic	5.0	6.22	11.5
560855	2X50+1G25+6X0.75	CCS2 Classic	6.0	7.46	13.6