

Charging cables assembled

EVC High Power Charging cable PURWIL Connect 250 Compact

DC high power charging cable with CCS-2 connector

2412_250_Compact

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 300A
- Protection code IP69
- Power and signal contacts silver-plated
- Easily replaceable power contacts and front case
- High cable flexibility and optimal system handling
- cable Ø of just 32.3mm
- 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: 200A
- Rated current peak: 250A
- Rated voltage of system: 1.000V DC
- Maximum charging power: 250kW
- 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: 2X70+1G35+6X0.75mm²
- Bending radius: 10 x D
- Diameter: 32.3 ± 0.5mm
- Temperatur range: -40°C ... +90°C

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 |
|---------|-------------------------------|------------------------|-------------------|---------------------|------------------------|
| 561230 | 2X70+1G35+6X0.75 | CCS2 Compact | 4.0 | 6.89 | 10.6 |
| 561231 | 2X70+1G35+6X0.75 | CCS2 Compact | 5.0 | 8.62 | 12.8 |
| 561232 | 2X70+1G35+6X0.75 | CCS2 Compact | 6.0 | 10.34 | 15.0 |