

## Charging cables assembled

# EVC High Power Charging cable PURWIL Connect 250 Classic

DC high power charging cable with CCS-2 connector

2412\_250\_Classic

### 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 IP54
- 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+6X0.75mm<sup>2</sup>
- 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 <sup>2</sup>	Charge coupler type	Cable length m	Cu-number kg/set	Weight appr. kg/set
560856	2X70+1G35+6X0.75	CCS2 Classic	4.0	6.89	10.3
560857	2X70+1G35+6X0.75	CCS2 Classic	5.0	8.62	12.5
560858	2X70+1G35+6X0.75	CCS2 Classic	6.0	10.34	14.7