

PURWIL High Power Charging Cable CCS-2 850+ Classic

DC high power charging cable with CCS-2 connector

2414_850_Classic

Application

HPC Systeme assembled with CCS-2 vehicle connector. Open cable end. Cable in accordance to IEC62893-4-1, connector based on IEC 62196-3.

Your advantages:

- Permissible current up to 850A with required cooling.
- Protection class IP67
- Power and signal contacts silver plated
- Easily replaceable power contacts and front housing
- High cable flexibility and optimal system handling
- Cable Ø of only 38.0mm
- Connectors and cables developed and manufactured by BRUGG eConnect

Technical Data

System:

- Charging standard: CCS Type 2
- Rated current of system: 850A
- Rated voltage of system: 1.000V DC
- Maximum charging power: 850kW
- Proximity pilot resistant: 1.500Ω (between PE and PP)
- Ambient temperature (operation): -35°C ... +45°C
- Temperature monitoring: 4x 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: 2X35+1G35+[12x0.75C]
- Bending radius: 10 x D
- Diameter: 38.0 ± 0.4mm
- Temperatur range: -40°C ... +90°C

Standards

Based on IEC 62893-4 EV cables
Based on IEC 62196-3



Selection Chart Connecting cables

Part no	Cable type mm ²	Charge coupler type	Cable length m	Stripping length mm	Copper Index kg/set	Weight appr. kg/set
	2X35+1G35+[12X0.75C]	CCS-2 Classic	5.0	250	5.77	10.2
	2X35+1G35+[12X0.75C]	CCS-2 Classic	6.0	250	6.88	11.9

