

«Roll'n'connect» – DC fast-charging system designed for reel applications

E-mobility



BRUGG
eConnect



ROLL'N'CONNECT Series

New development: DC fast-charging system for charging Reel






With «Roll'n'connect», BRUGG eConnect has developed a very compact and robust Type 2 DC fast charging system, which is especially suitable for Reel and industrial applications.

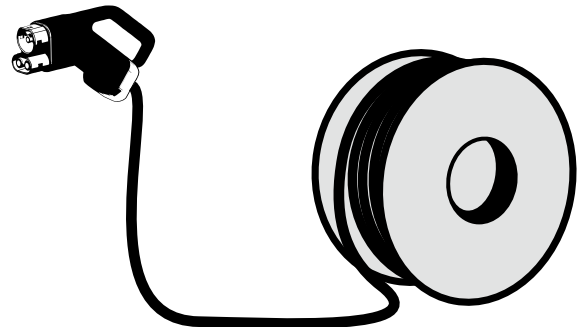
Due to the robust case, this shielded EMC cable system allows a longer life time even in harsh applications. With a voltage of up to 1000 Volt and up to 500 Ampère without cooling, a maximum charging capacity can be achieved.

Technical data PURWIL-DC

- Mode 4: CCS HPC Typ 2 for Europe
- Max. rated voltage: 1000 VDC
- Max. rated current: 500 A (peaks)
- Based on VDE-EN 50620
- Operating temperature: -40 °C to +55 °C

Benefits DC fast-charging systems

-  **Fast charging**
Charging up to 500 A at ambient temperature up to 50 °C.
-  **Compact, abrasion resistant, robust**
The high quality selected materials extend the life span and increase the flexibility.
-  **Longer charging system**
The EMC shielding allows longer installations without worry about interferences.
-  **Customer-specific assembly**
Charging cables in any length can be flexibly selected and are available ready for installation.
-  **Maintenance-friendly charging system**
The front side of the connector face and DC contacts are easily interchangeable.



Charging cable properties



Rollover-resistant

- Wear-resistant
- Excellent oil and petrol resistance



Rugged

- Flame-retardant according to IEC 60332-1
- Resistant to hydrolysis, ozone and weathering
- Resistant to UV radiation
- Halogen-free



Flexible

- Min. bending radius 6×D
- Torsionable



Heat / cold

- Temperature range: -40 °C to +90 °C (In case of a short circuit +160 °C for 5s.)
- Resistant to temperature cycling