



YOUR HIGH POWER CHARGING SPECIALIST

Explore our DC High Power Charging systems

We offer uncooled DC fast charging systems up to 300 A with peak values of 500 A.

BRUGG
eConnect

Cable solutions for a sustainable future

PURWIL HPC cable

The uncooled PURWIL High Power Charging cable achieves a maximum charging power of 500 kilowatts at a voltage of up to 1000 volts with peak currents of up to 500 A.

As a competent system supplier, we offer charging cables with connectors as well as customized adaptations or supplements.

Product portfolio

Designation	Amperes	Diameter	Weight
PURWIL HPC 250	220	33.8 mm	2150 kg / km
PURWIL HPC 500	250	383.2 mm	2790 kg / km



Rollover resistant

- Wear-resistant
- Excellent oil and petrol resistance



Rugged

- Flame-retardant
- Resistant to hydrolysis, ozone and weathering
- Resistant to UV radiation
- Halogen-free



Flexible

- Min. bending radius 9 x D
- Torsionable



Heat / Cold

- Temperature range: -40 °C to +90 °C
- Resistant to temperature cycling

Vorteile ungekühlter DC Schnellladesysteme

- **Charging in a few minutes**
Charging currents up to 500 A at a nominal voltage up to 1000 V possible.
- **Maintenance-friendly charging system**
The frame of the connector face and the contacts can be replaced within a few minutes.
- **Customer-specific confection**
Charging cable can be flexibly selected in any length and is available ready for installation on the connection side.
- **Certified according to IEC 62893-4-1:2020; VDE-REG 8798**

Suitable for the following CCS-2 connectors

«Classic»



IP 67 certified
Rollover resistant for passenger cars

«Compact»



IP 69 certified
Rollover resistant for trucks

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