PURWIL HPC NACS 300

DC High-Power Charging cable with NACS connector for fast charging of electric vehicles using direct current (DC). The robust NACS charging connector, combined with the durable PUR (polyurethane) DC cable, provides an ideal solution for long-lasting and efficient performance under demanding outdoor conditions.
Rated current (at 40 °C / 104 °F) : 300 A
Rated voltage : 1'000 V DC

2425_300

NACS Connector

- Charging standard : NACS
- IP Rating : 3S
- Proximity pilot resistant : 150 Ω
- Ambient temperature (operation) : -30 °C to +40 °C (-22 °F to +104 °F) (Higher ambient temperature possible with current reduction required, observe temperature limit at DC contacts of 90 °C / 194 °F)
- Temperature monitoring : 2x PT1000
- Insertion / withdrawal cycles : >10'000
- Contacts : replaceable
- Front face : replaceable

DC charging cable PURWIL HPC 300

- Possible cable length : Up to 10 m (32 ft 9.7 in)
- Execution : one end assembled with NACS charging plug
- Second end assembly : possible on request
- Cross-section : 2x 2/0 AWG + 1G7 AWG + [8x 18 AWG C]
- Cable weight : 1.55 kg/m (1.04 lb/ft)
- Outer diameter : 34.3 ± 0.4 mm (1.35 ± 0.02 in)
- Bending radius : 10 x D
- Temperature range : -40 °C to +90 °C (-40 °F to +194 °F)

Standards

UL 2251:2022 (E533817)
UL 2263:2022 (E530622)

Charge Capacity

Ambient temperature (operation) °C	Ambient temperature (operation) °F	Current A
40	104	300

Standard Article Connection Cable (further cable lengths on request)

Description	Cable length m	Part no
PURWIL HPC NACS 300	4	25P030000-00/040/000
PURWIL HPC NACS 300	5	25P030000-00/050/000
PURWIL HPC NACS 300	6	25P030000-00/060/000
PURWIL HPC NACS 300	7	25P030000-00/070/000
PURWIL HPC NACS 300	8	25P030000-00/080/000
PURWIL HPC NACS 300	9	25P030000-00/090/000
PURWIL HPC NACS 300	10	25P030000-00/100/000

Subject to change without notice

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Assembled charging connector

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