# Product datasheet

Specifications



## DC Charger, EVlink Pro DC 720, 480 kW, Power Cabinet, 30kW Modules

EVD1S483-AN

## Main

| | |
|---|---|
| **Range** | EVlink Pro DC 720 |
| **Product name** | EVlink Pro DC 483 |
| **Product or component type** | Power cabinet |
| **Type of installation** | Indoor/outdoor |
| **Poles description** | 3P + N + E |

## Complementary

| | |
|---|---|
| **Range compatibility** | EVlink EVlink Field Services<br>EVlink EVlink Load Management System |
| **Device application** | Electrical Vehicle charger |
| **Mounting location** | Floor stand |
| **Earthing system** | TN-S<br>TN-C-S<br>TT<br>Compatible IT with additional isolation transformer on the power supply |
| **[Us] rated supply voltage** | 380...415 V AC at 50/60 Hz, 3 phases + neutral |
| **Input current** | 759…843 A |
| **Nominal output power** | 480 kW at 0…380 A150...1000 V DC |
| **Number of outputs** | 12 |
| **Protection type** | Short-circuit protection on output<br>Overload protection<br>Ground fault protection<br>Temperature rise protection |
| **Local signalling** | 1 green LED light strip, function: available<br>1 red LED light strip, function: fault indication |
| **Control button type** | Charge interruption button |
| **Material** | Enclosure: stainless steel 430 |
| **Colour** | Front door: signal white (RAL 9003)<br>Side panels: black (RAL 9005)<br>Side panels: dark grey silver |
| **Efficiency** | 97 % |
| **Power factor** | 0.99 |
| **Ambient air temperature for operation** | -30…50 °C (with derating above 50 °C) |
| **Height** | 2206 mm |
| **Width** | 1503 mm |
| **Depth** | 1220 mm |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Net weight** | 824 kg (without power module)<br>1080 kg (with power module) |
| **Services** | Commercial service plan<br>Commissioning service<br>Warranty extension up to 5 years<br>Repair service |
| **Ethernet service** | Web browser |
| **Communication port protocol** | OCPP 1.6<br>Modbus TCP<br>Ethernet TCP/IP |
| **Communication network type** | 4G<br>WLAN<br>Ethernet TCP/IP<br>Wi-Fi |

## Environment

| | |
|---|---|
| **Electromagnetic compatibility** | Immunity for industrial environments:<br>Emission standard for industrial environments: |
| **IP degree of protection** | IP55 |
| **IK degree of protection** | IK10 |
| **Ambient air temperature for storage** | -40…70 °C |
| **Operating altitude** | 0...2000 m |
| **Relative humidity** | 5…95 %, without condensation |
| **Standards** | IEC 61851-1:ed. 3<br>IEC 61851-23:ed. 1<br>IEC 62196-1<br>IEC 62196-3<br>EN/IEC 61000-6-2:2005<br>EN/IEC 61000-6-4:class A<br>ISO 15118-2<br>DIN 70121<br>VDV 261 |
| **Atmospheric-corrosivity category** | C4 |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 240.5 cm |
| **Package 1 Width** | 108 cm |
| **Package 1 Length** | 136.5 cm |
| **Package 1 Weight** | 1218 kg |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **0.2 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **0.2 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0 kg CO2 eq.** |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **No** |
| Packaging without single use plastic | **No** |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **80** |
| End of life manual availability | End of Life Information |