# Product datasheet

Specifications




## DC Charger, EVlink Pro DC 320, 320 kW, 2x CCS2, 3.8m

EVD2S320TBB-AN

## Main

| | |
|---|---|
| **Range** | Evlink Pro DC |
| **Product name** | EVlink Pro DC 320 |
| **Product or component type** | Fast charging station |
| **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** | 507…563 A |
| **Nominal output power** | SAE CCS Combo 2: 320 kW at 0…300 A ( with boost up to 500 A ) 150...1000 V DC |
| **Output type** | Both side: 2 charging cable of 3.8 m |
| **Number of outputs** | 2 |
| **Connector type** | SAE CCS Combo 2 |
| **Provided equipment** | energy meter per output |
| **Accuracy class of energy meter** | Class 1 |
| **Accuracy class error of energy meter** | 1 % of full scale |
| **Cable management system** | With |
| **Protection type** | Short-circuit protection on output<br>Overload protection<br>Ground fault protection<br>Temperature rise protection |
| **Access control system** | RFID authentication card MIFARE Classic conforming to ISO/IEC 14443 A and B<br>RFID authentication card MIFARE Ultralight<br>RFID authentication card MIFARE DESFire EV1<br>RFID authentication card MIFARE DESFire EV2<br>RFID authentication card MIFARE Plus<br>RFID authentication card NFC<br>Autocharge<br>Plug & charge conforming to ISO 15118<br>Free access<br>QR code/application |

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

| | |
|---|---|
| **Contactless payment terminal** | Without |
| **Display type** | LCD touch screen : 10 inch LED |
| **Main user language (constantly evolving)** | Bulgarian<br>Czech<br>Danish<br>Dutch<br>Estonian<br>Finnish<br>French<br>German<br>Greek<br>Hebrew<br>Hungarian<br>Indonesian<br>Italian<br>Norwegian<br>Portuguese<br>Spanish<br>Swedish<br>Multi-language |
| **Control button type** | Charge interruption button |
| **Material** | Enclosure: stainless steel 304 |
| **Colour** | Front face: signal white (RAL 9003)<br>Body: black (Pantone black C) |
| **Efficiency** | 97 % |
| **Power factor** | 0.99 |
| **Ambient air temperature for operation** | -30…50 °C (with derating above 50 °C) |
| **Height** | 2230 mm |
| **Width** | 1259 mm |
| **Depth** | 1076 mm |
| **Net weight** | 461.5 kg (without power module)<br>597.5 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<br>Screen: IK08 |
| **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 |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 245.5 cm |
| **Package 1 Width** | 115.5 cm |
| **Package 1 Length** | 128.6 cm |
| **Package 1 Weight** | 683.5 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 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 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 | **Free of Substances of Very High Concern above the threshold** |

## Use Longer

### Lifetime extension

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

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **79** |
| End of life manual availability | **End of Life Information** |
| Removable battery | **No** |
| Take-back | **No** |

Technical Illustration

**Dimensions**

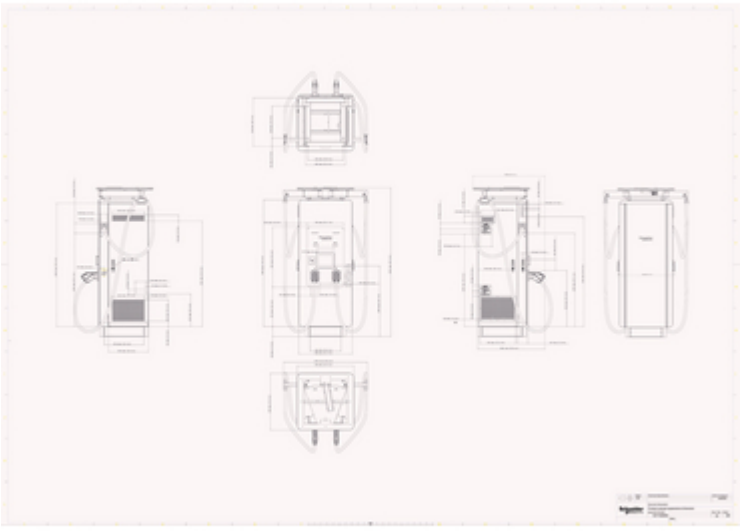


Image of product in real life situation

