Product datasheet

Specifications



DC Charger, EVlink Pro DC 180 V2, 180 kW, 2x CCS2, 7.5m

EVD2S180TBBC7-AN

Main

Range	Evlink Pro DC
Product name	EVlink Pro DC 180
Product or component type	Fast charging station
Type of installation	Indoor/outdoor
Poles description	3P + N + E

Complementary

Range compatibility	EVlink EVlink Field Services EVlink EVlink Load Management System
Device application	Electrical Vehicle charger
Mounting location	Floor stand
Earthing system	TN-S TN-C-S TT 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	285…316 A
Nominal output power	SAE CCS Combo 2: 180 kW at 0…300 A (with boost up to 500 A) 150...1000 V DC
Output type	Both side: 2 charging cable of 7.5 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	Without
Protection type	Short-circuit protection on output Overload protection Ground fault protection Temperature rise protection
Access control system	RFID authentication card MIFARE Classic conforming to ISO/IEC 14443 A and B RFID authentication card MIFARE Ultralight RFID authentication card MIFARE DESFire EV1 RFID authentication card MIFARE DESFire EV2 RFID authentication card MIFARE Plus RFID authentication card NFC Autocharge Plug & charge conforming to ISO 15118 Free access 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 Czech Danish Dutch Estonian Finnish French German Greek Hebrew Hungarian Indonesian Italian Norwegian Portuguese Spanish Swedish Multi-language
Control button type	Charge interruption button
Material	Enclosure: stainless steel 304
Colour	Front face: signal white (RAL 9003) 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	2050 mm
Width	846 mm
Depth	1006 mm
Net weight	455 kg (without power module) 551 kg (with power module)
Services	Commercial service plan Commissioning service Warranty extension up to 5 years Repair service
Ethernet service	Web browser
Communication port protocol	OCPP 1.6 Modbus TCP Ethernet TCP/IP
Communication network type	4G WLAN Ethernet TCP/IP Wi-Fi

Environment

Electromagnetic compatibility	Immunity for industrial environments: Emission standard for industrial environments:
IP degree of protection	IP55
IK degree of protection	IK10 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 IEC 61851-23:ed. 1 IEC 62196-1 IEC 62196-3 EN/IEC 61000-6-2:2005 EN/IEC 61000-6-4:class A ISO 15118-2 DIN 70121 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	579.5 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

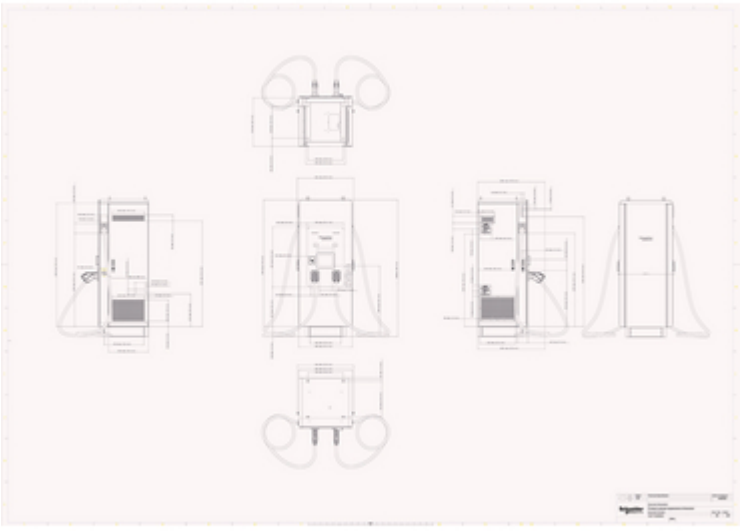


Image of product in real life situation

