Product datasheet

Specifications

Fast charging station, EVlink Pro DC, 180kW, CCS2 + CCS2 connectors, 7.5m cable without cable management system

EVD1S180TBBC7-AN

Main

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

Complementary

Range compatibility	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	291…323 A
Nominal output power	SAE CCS Combo 2: 180 kW at 1.5…300 A, 150...1000 V, DC
Output type	2 charging cable of 7.5 m
Number of outputs	2
Connector type	SAE CCS Combo 2
Provided equipment	1 meter display per output
Accuracy class of energy meter	Class 1
Absolute accuracy error of energy meter	1 % of full scale
Protection type	Short-circuit protection on output Overload protection Ground fault protection Residual current breaker with overcurrent protection (RCBO) Temperature rise protection
Access control system	Badge RFID conforming to ISO/IEC 14443 A and B Badge NFC
Display type	LCD touch screen : 10 inch

Main user language (constantly evolving)	Danish Dutch English French German Norwegian Spanish
Control button type	Charge interruption button
Material	Enclosure: stainless steel 304
Colour	Front face: signal white (RAL 9003) Body: black (Pantone black C)
Efficiency	94.5 %
Power factor	0.99
Ambient air temperature for operation	-30…50 °C (with derating above 50 °C)
Height	2103 mm
Width	833 mm
Depth	963 mm
Net weight	451 kg (without power module) 541 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
Communication network type	4G WLAN 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 DIN 70121

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	243.8 cm

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Package 1 Width	117.4 cm
Package 1 Length	126 cm
Package 1 Weight	664 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**	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	**1**
Environmental Disclosure	**Product Environmental Profile**

Use Better

🗂 **Materials and Substances**	
EU RoHS Directive	**Compliant with Exemptions**
REACh Regulation	**REACh Declaration**
China RoHS Regulation	**China RoHS declaration**

Use Again

🔄 **Repack and remanufacture**	
Circularity Profile	**End of Life Information**
WEEE	🗑 **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**