

Fast charging station, EVlink Pro DC, 180kW, CCS2 + CCS2 connectors, 3.6m cable with cable management system

EVD1S180TBB-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 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	380415 V AC at 5060 Hz, 3 phases + neutral	
Input current	291323 A	
Nominal output power	SAE CCS Combo 2: 180 kW at 1.5300 A, 1501000 V, DC	
Output type	2 charging cable of 3.6 m	
Number of outputs	2	
Connector type	SAE CCS Combo 2	
Provided equipment	1 meter display per output cable management system	
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	-3050 °C (with derating above 50 °C)
Height	2202 mm
Width	1050 mm
Depth	982 mm
Net weight	470 kg (without power module) 560 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	-4070 °C	
Operating altitude	02000 m	
Relative humidity	595 %, 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

Package 1 Width	117.4 cm
Package 1 Length	126 cm
Package 1 Weight	683 kg



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

Environmental Disclosure

Product Environmental Profile

#### **Use Better**

EU RoHS Directive	Compliant with Exemptions
SCIP Number	5aea4fad-0969-4c9a-b59f-a2744f1b9435
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