

# Product datasheet

Specifications



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

EVD1S180TBB

## 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	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 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

<b>Main user language (constantly evolving)</b>	Danish Dutch English French German Norwegian Spanish
<b>Control button type</b>	Charge interruption button
<b>Material</b>	Enclosure: stainless steel 304
<b>Colour</b>	Front face: signal white (RAL 9003) Body: black (Pantone black C)
<b>Efficiency</b>	94.5 %
<b>Power factor</b>	0.99
<b>Ambient air temperature for operation</b>	-30...50 °C (with derating above 50 °C)
<b>Height</b>	2202 mm
<b>Width</b>	1050 mm
<b>Depth</b>	982 mm
<b>Net weight</b>	470 kg (without power module) 560 kg (with power module)
<b>Services</b>	Commercial service plan Commissioning service Warranty extension up to 5 years Repair service
<b>Ethernet service</b>	Web browser
<b>Communication port protocol</b>	OCPP 1.6
<b>Communication network type</b>	4G WLAN TCP/IP Wi-Fi

## Environment

<b>Electromagnetic compatibility</b>	Immunity for industrial environments: Emission standard for industrial environments:
<b>IP degree of protection</b>	IP55
<b>IK degree of protection</b>	IK10 Screen: IK08
<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Operating altitude</b>	0...2000 m
<b>Relative humidity</b>	5...95 %, without condensation
<b>Standards</b>	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

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	243.800 cm

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<b>Package 1 Width</b>	116.000 cm
<b>Package 1 Length</b>	124.400 cm
<b>Package 1 Weight</b>	569.990 kg

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## 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

SCIP Number 5aea4fad-0969-4c9a-b59f-a2744f1b9435

China RoHS Regulation [China RoHS declaration](#)

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Technical Illustration

Dimensions

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