



Compact, flexible DC EV charger

EVlink Pro DC 60 kW



- Designed for fleets depots and commercial & industrial buildings
- Fully integrated into Schneider Electric end-to-end solutions, leveraging its expertise in energy management, electrical solutions and digital technologies
- Supported by high-end services with a worldwide network of technicians to optimize the performance of the EV infrastructure and keep the assets running in optimum condition.

Unique features

Flexibility

- Configurable: wall or floor mounting, several cable lengths, with and without cable management
- Compact: can be installed in limited space
- Customizable look & feel

Advanced Connectivity

- Embedded 4G modem and Wi-Fi module enabling remote monitoring and smart charging
- Interoperability thanks to OCPP 1.6 J2013, certified with dozens of CSMS back-ends
- Prepare for future technologies with ISO15118 Plug & Charge and Smart Charging readiness

Reliability and safety

- Robust products :
 - 100% tested and certified on the production line
 - Third-party lab certification for IEC 61851-1 ed3 and IEC 61851-23
- Protection directly embedded in the Charger including SPD

Serviceability

- Customer support in local language, backed by dedicated expertise either remotely or through advanced on-site assistance
- Comprehensive manufacturer-delivered services covering the entire lifecycle, from installation and commissioning to maintenance and modernization
- High reparability level with full scope available spare parts

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Characteristics

Characteristics	
Range	EVlink
Product name	EVlink Pro DC 60 kW
Product type	DC charging station
Device short name	EVD1S60
Electrical Characteristics	
Power Supply	3 PH
Poles description	L1+L2+L3+N+PE
(Us) rated supply voltage	380 - 415 Vac +/- 10% 50 / 60 Hz
Earthing system	TT TN-S / TNC-S Compatible IT with additional isolation transformer on the power supply
Power Factor	0.99 at nominal output power
Efficiency	95% at nominal output power
THDi	≤ 5% at nominal output power (without any additional filter)
DC meter	Each DC output includes 1 DC meter visible by any user
Standby Power	50 W
Protection	Protected against short circuit, overload, Residual Current Device, protected against overheating, temperature regulated
Overvoltage category	OVC III
Rated conditional short-circuit current	10 kA
Charger Interfaces	
Vehicle connector number	up to 2
Output type	CCS2 / CHAdeMO
Output Voltage	CCS2 : 150 – 1000 VDC CHAdeMO : 150 – 500 VDC
Output Current	CCS2 : 200 A max CHAdeMO (version 2.0) : 125 A max
Nominal Output Power	CCS2 : 60 kW max CHAdeMO : 60 kW max
Simultaneous charging	Possibility to charge two vehicles at 30 kW simultaneously
Cable length	5 m output with or without cable management, or 7 m without cable management

Current information and protections to use with EVlink Pro DC 60 kW

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Current

Power 60 kW

Rated Current 97 A

Max Current 107 A

Suggested protections

**Circuit Breaker (Overcurrent)
Schneider Electric™ reference*** 3P+N or 4P
Acti9 C120 4P 125 A, curve C + Acti9 vigi C120
4P 30mA type A-SI (Optional RCD Protection)

Complementary

Complementary

Local signal 1x multi-colour LED for status indication for each vehicle connector

User Interface 7" screen

Multi-language support English, French, German, Norwegian, Spanish
Possibility to add additional language

Communication port protocol OCPP 1.6 Json smart charging
ISO15118 / DIN 70121

Network connection embedded Wi-Fi
Ethernet
Modem 4G

Access control system RFID Badge reader conforming to ISO / IEC 14443 Type A&B and ISO/IEC 15693
– NFC reader compatible with tag type 1,2,4,5
– Reader support : MIFARE Ultralight, MIFARE Classic 1K/4K, MIFARE DESFire EV1/EV2, MIFARE Plus cards
– Autocharge (EV Mac address)

Function available Load management
Diagnosis capabilities
Software updates

Cooling Filter air cooling

Easy to use Accessible to disable people

Mounting options Wall mounted
On a pedestal

* To check availability, please contact Schneider Electric front offices

Environment

Environment		
Standard Compliance		IEC/EN 61851-1– Ed 3.0 IEC/EN 61851-23 – Ed 1.0 IEC/EN IEC62196-1 and IEC62196-3 EMC EN 61000-6-2 - Ed 2005 – EN 61000-6-4 - EMC class A
		Radio certification RFID/NFC : EN 300 330 V2.1.1 4G : EN 301 908 -13 V13.1.1 Wi-Fi : EN 300 328 V2.2.2 - EN 301 893
		EMC radio Equipment EN 301 489-1 V2.2.0 RFID/NFC : EMC EN 301 489-3 V2.1.1 4G : EMC EN 301 489-52 V1.1.0 Wi-Fi : EMC EN 301 489-17 V2.1.1
Product certifications		CE
IP degree of protection		IP55
IK degree of shock protection		IK10 – screen IK08
Ambient air temperature for operation		- 30...+55°C derating above 50°C
Ambient air temperature for storage		-30...+70°C
Relative humidity		5...95 %
Operating Altitude		up to 2000 m (without physical derating)
Acoustic noise		Variable under load : 0 up to 65 dB
Sensors		Humidity sensor; tilt sensor; door sensor
Charge interrupt button		Yes
Corrosion protection		C3M
Colors	Charging Station	Front face: RAL 9003 and PANTONE black C Side and rear: Dark gray silver
	Pedestal	Dark gray silver
Material	Charging Station	Front door : Stainless steel SUS304 and other part : Aluminium AL5083
	Pedestal	Aluminium AL5083



Offer sustainability	
Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Products Environmental Profile
Circularity Profile	End Of Life information
REACH Regulation	Compliant

Charging station dimensions

Charging station characteristics	Dimensions
Charging Station with cable management	H 1204 x W 1303 x D 339 mm (H 47.4 x W 51.3 x D 13.3 in.)
Charging Station without cable management	H 1037 x W 802 x D 339 mm (H 40.8 x W 31.6 x D 13.3 in.)
Charging Station with cable management on 74 cm pedestal	H 1694 x W 1303 x D 551 mm (H 66.7 x W 51.3 x D 21.7 in.)
Charging Station without cable management on 74 cm pedestal	H 1527 x W 802 x D 551 mm (H 60.1 x W 31.6 x D 21.7 in.)
Charging Station with cable management on 1 m pedestal	H 1954 x W 1303 x D 551 mm (H 76.9 x W 51.3 x D 21.7 in.)
Charging Station without cable management on 1 m pedestal	H 1787 x W 802 x D 551 mm (H 70.4 x W 31.6 x D 21.7 in.)

EVlink Pro DC 60 kW references

Power	Connectors	Reference	Weight w/o power module	Weight with power module	Cable range	Cable management	Frequency
60 kW	CCS2 + CCS2	EVD1S60TBB	131 kg / 288.2 lb. 1	161 kg/ 354.2 lb.	3.5 m	Yes	50 Hz
60 kW	CCS2 + CHAdeMO	EVD1S60THB	131 kg / 288.2 lb. 1	161 kg/ 354.2 lb.	3.5 m	Yes	50 Hz
60 kW	CCS2 + CCS2	EVD1S60TBBC5	100 kg / 220 lb.	130 kg/ 286 lb.	5 m	No	50 Hz
60 kW	CCS2 + CHAdeMO	EVD1S60THBC5	100 kg / 220 lb.	130 kg/ 286 lb.	5 m	No	50 Hz
60 kW	CCS2 + CCS2	EVD1S60TBBC7	108 kg / 237 lb.	138 kg/ 304 lb.	7 m	No	50 Hz
60 kW	CCS2 + CCS2	EVD1S60TBB-SA	131 kg/288.2 lb. 1	161 kg/ 354.2 lb.	3.5 m	Yes	60 Hz

EVlink Pro DC 60 kW accessories

Reference	Description	Height	Width	Depth	Weight
EVP1BNS	10 RFID badges				
EVP1DB3LG	Pedestal to use with EVD1S60TBB or EVD1S60TBBC5 or EVD1S60TBBC7	740 mm	341 mm / 13.4 in.	454 mm / 17.9 in.	11 kg / 24.2 lb.
EVP1DB4LG	Pedestal to use with EVD1S60TBB or EVD1S60TBBC5 or EVD1S60TBBC7	1000 mm	341 mm / 13.4 in.	454 mm / 17.9 in.	13 kg / 28.6 lb.
EVP1DB5LG	Pedestal to use with EVD1S60THB or EVD1S60THBC5	740 mm	341 mm / 13.4 in.	454 mm / 17.9 in.	11 kg / 24.2 lb.
EVP1DB6LG	Pedestal to use with EVD1S60THB or EVD1S60THBC5	1000 mm	341 mm / 13.4 in.	454 mm / 17.9 in.	13 kg / 28.6 lb.
EVA1D60S01	Cable management accessory for EVD1S60TBBC5 or EVD1S60THBC5				

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