Compact, flexible DC EV charger

EVlink Pro DC 60 kW

Unique features

User-friendly

Simple and intuitive to:
- Purchase
- Install
- Commission
- Use
- Operate
- Maintain

Advanced Connectivity
- Ethernet, modem, and Wi-fi connectivity
- Remote monitoring
- Smart charging
- OCPP 1.6 Json

Flexibility
- Wall or floor mounting
- Compact can be installed in limited space
- Interoperable
- Modular
- Customizable look & feel

Sustainability
- Repairability

Reliability and safety
- Robust products:
  – 100% tested and certified
  – Compliant with strict standards (ISO, IEC, etc.)
- Protection directly embedded in the Charger including SPD

Serviceability
- On site : commissioning, preventive and corrective maintenance
- Remote service to optimize up-time.

Benefits

- Schneider Electric launches the next generation of charging stations for electric vehicles: EVlink Pro DC range.

- EVlink Pro DC 60 kW:

  - Enables highly reliable, flexible and sustainable charge sessions either for destination charging and fleet depot

  - Optimizes energy consumption

  - Maximizes uptime and efficiency

  - Ensures a seamless user experience for EV installers, operators and drivers

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Characteristics

Characteristics

Range	EVlink
Product name	EVlink Pro DC 60 kW
Product type	DC charging station
Device short name	EVD1S6

Electrical Characteristics

Power Supply	3 PH
Poles description	L1+L2+L3+N+PE
(Us) rated supply voltage	380 - 415 Vac +/- 10% 50 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
DC meter	Each DC output includes Class 1 DC meter (1% accuracy at full scale) visible by any user
Standby Power	50 W
Protection	Protected against short circuit, overload, Residual Current Device on DC output, protected against overheating, temperature regulated
Overvoltage category	OVC III
Rated conditional short-circuit current	6 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	4.5 m CHAdeMO output with cable management 5 m CCS2 output with cable management or 7 m without cable management

2

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

Current information and protections with EVlink Pro DC 60 kW	
Current	
Power	60 kW
Rated Current	96 A
Max Current	115 A
Suggested Protections	
Circuit Breaker (Overcurrent)	3P+N or 4P
Schneider Electric reference*	C16F4TM125+C16F4TM125V
	(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.

3

Environment

Environment		
Standard Compliance		IEC/EN 61851-1– Ed 3.0
		IEC/EN 61851-23 – Ed 1.0
		IEC/EN IEC62196-1 & 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…+50°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; door sensor
Charge interrupt button		Yes
Corrosion protection		C3M
Colours	Charging Station	Front face : RAL 9003 & PANTONE black C
		Side and rear : Dark gray silver
	Pedestal	Dark gray silver
Material	Charging Station	SUS304 & AL5083
	Pedestal	AL5083

Green premiumTM

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

Charging station dimensions

Charging station dimensions		
Dimensions	Charging Station only with cable management	H 1204 x W 1303 x D 339 mm (H 47.4 x W 51.3 x D 13.3 in.)
Dimensions	Charging Station only without cable management	H 1037 x W 802 x D 339 mm (H 40.8 x W 31.6 x D 13.3 in.)
Dimensions	Charging Station with cable management on 75 cm pedestal	H 1694 x W 1303 x D 551 mm (H 66.7 x W 51.3 x D 21.7 in.)
Dimensions	Charging Station without cable management on 75 cm pedestal	H 1527 x W 802 x D 551 mm (H 60.1 x W 31.6 x D 21.7 in.)
Dimensions	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.)
Dimensions	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 without power module	Weight with power module	Cable range	Cable management
60 kW	CCS2 + CCS2	EVD1S60TBB	131 kg / 288.2 lb.	161kg/354.2 lb.	5 m	Yes
60 kW	CCS2 + CHAdeMO	EVD1S60THB	131 kg / 288.2 lb.	161kg/354.2 lb.	5 m CCS2 4.5 m CHAdeMO	Yes
60 kW	CCS2 + CCS2	EVD1S60TBBC7	138 kg / 303.6 lb.	168 kg/369.6 lb.	7 m	No

EVlink Pro DC 60 kW accessories

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