



# 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
- Ecostruxure Energy Asset Portal for remote assistance and diagnostic (Schneider Electric Customer Care Center or field services team)

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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 A 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

<b>Power</b>	60 kW
<b>Rated Current</b>	97 A
<b>Max Current</b>	107 A

### Suggested protections

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

# Complementary

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<b>Local signal</b>	1x multi-colour LED for status indication for each vehicle connector
<b>User Interface</b>	7" screen
<b>Multi-language support</b>	Bulgarian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hebrew, Hungarian, Indonesian, Italian, Latvian, Lithuanian, Norwegian, Portuguese, Romanian, Spanish, Swedish, Thai, Ukrainian, Vietnamese. Possibility to add additional language.
<b>Communication protocol</b>	OCPP 1.6 Json smart charging ISO15118 / DIN 70121 VDV 261 BCB toggle wake-up ModBus TCP
<b>Network connection embedded</b>	Wi-Fi Ethernet Modem 4G
<b>Access control system</b>	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)
<b>Function available</b>	Load management Diagnosis capabilities Software updates Real-time charge cost display EV driver HMI customization for tarrif display EV driver HMI logo customization Connection to manufacturer portal for remote support and troubleshooting (Schneider Electric Customer Care Center or field services team) CSMS notification in case of power outage Advertisement possibility
<b>Cooling</b>	Filter air cooling
<b>Easy to use</b>	Accessible to disable people
<b>Mounting options</b>	Wall mounted On a pedestal

\* To check availability, please contact Schneider Electric front offices

# Environment

Environment		
<b>Standard Compliance</b>		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
<b>Product certifications</b>		CE
<b>IP degree of protection</b>		IP55
<b>IK degree of shock protection</b>		IK10 – screen IK08
<b>Ambient air temperature for operation</b>		- 30...+55°C derating above 50°C
<b>Ambient air temperature for storage</b>		-30...+70°C
<b>Relative humidity</b>		5...95 %
<b>Operating Altitude</b>		up to 2000 m (without physical derating)
<b>Acoustic noise</b>		Variable under load : 0 up to 65 dB
<b>Sensors</b>		Humidity sensor; tilt sensor; door sensor
<b>Charge interrupt button</b>		Yes
<b>Corrosion protection</b>		C3M
<b>Colors</b>	<b>Charging Station</b>	Front face: RAL 9003 and PANTONE black C Side and rear: Dark gray silver
	<b>Pedestal</b>	Dark gray silver
<b>Material</b>	<b>Charging Station</b>	Front door : Stainless steel SUS304 and other part : Aluminium AL5083
	<b>Pedestal</b>	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
<b>EVP1BNS</b>	10 RFID badges				
<b>EVP1DB3LG</b>	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.
<b>EVP1DB4LG</b>	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.
<b>EVP1DB5LG</b>	Pedestal to use with EVD1S60THB or EVD1S60THBC5	740 mm	341 mm / 13.4 in.	454 mm / 17.9 in.	11 kg / 24.2 lb.
<b>EVP1DB6LG</b>	Pedestal to use with EVD1S60THB or EVD1S60THBC5	1000 mm	341 mm / 13.4 in.	454 mm / 17.9 in.	13 kg / 28.6 lb.
<b>EVA1D60S01</b>	Cable management accessory for EVD1S60TBBC5 or EVD1S60THBC5				

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