

EVlink DC Fast Charge

In short



DC 24 kW - 1 connector / single standard

DC 24 kW - 2 or 3 connectors / multiple standards

DC 24 kW stations are able to charge an electric vehicle in less than 1 hour. The range covers a large variety of needs with a choice of either, per station:

- 1 connector, CHAdeMO or CCS Combo 2
- 2 connectors, CHAdeMO + CCS Combo 2
- 3 connectors, CHAdeMO + CCS Combo 2 + AC Type 2 (front socket outlet with shutter, for AC current)

Communication with dual modem for separate operation & maintenance supervision

Installation

- Indoor or outdoor
- Wall mounted, floor mounted with additional pedestal
- Installation in less than 2 hours (when supply cable is already installed)

Maintenance

- Reduced maintenance as there is no air filter to replace and a robust design (IP54, IK10) for uptime optimization.

Application

EVlink Fast Charge stations are designed to charge a vehicle rapidly: **80% of capacity charged in less than 1 hour.**

DC 24 kW - 1 connector / single standard

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DC 24 kW - 2 or 3 connectors / multiple standards

Charging stations are ideal solutions for shopping centers, restaurants, parking areas or for any work place or shared buildings.

Characteristics



EVD1S24T0H



EVD1S24T0H + EVD1DB1LG



EVD1S24THB



EVD1S24THB + EVD1DB2LG



EVD1S24THB2



EVD1S24THB2 + EVD1DB2LG

Mechanical and environmental features

- Degree of protection: IP54 (except cordsets)
- Degree of mechanical protection: IK10
- Operating temperature: -25°C / +50°C (with derating above 35°C)
- Storage temperature: -20°C to 45°C
- Operating altitude: 2000 m max.
- Relative humidity: 10% to 95%

Power supply network and charging mode

- Power supply: 380 - 480 V, 3P + N + Earth, 50 - 60 Hz
- Nominal supply current: 37 A

Direct current charging (all charging stations)

- Charging in Mode 4 (IEC 61851-23)
- Charging power: 24 kW
- Charging voltage/current: 150 to 530 V DC / 1.5 to 65 A with CHAdeMO, CCS Combo 2 sockets
- Protected against short circuit, overload; Residual Current Device on DC output; protected against overheating, temperature regulated
- Cable length: 3.25 m

Alternating current charging (3-socket charging station only)

- Charging in Mode 3 (IEC 61851-22)
- Charging power: 22 kW
- Protected against short circuit, overload; protected against overheating, temperature regulated
- Charging voltage/current: 400 V \pm 10% AC, 3P + N + Earth, 32 A max., with the front AC Type 2 socket outlet

Communication

- Wireless 3G modem
- OCPP 1.6
- LAN/TCP IP protocol

User interfaces

- 7-inch touch screen
- RFID card reader

Dimensions (cabinet without socket / cable)

- Wall mounted (mm): H 860 x L 507 x W 250
- Mono-standard on pedestal (mm): H 1533 x L 536 x W 336
- Multi-standard on pedestal (mm): H 1835 x L 536 x W 336.

Charging station references

Standard compliance

- EV international standard: EN 61851 Ed. 2
- Immunity for industrial environment: EN 61000-6-2 - sept. 2015
- Emission for industrial environment: EN 61000-6-4 - 2017 + A1: 2011
- EMC for industrial environment: Class A.

EVlink DC Fast Chargers			
Power	Connector(s)	References	Weight (kg)
24 kW DC	CHAdeMO	EVD1S24T0H	66
	CCS Combo 2	EVD1S24T0B	66
	CHAdeMO + CCS Combo 2	EVD1S24THB	85
24 kW DC/22 kW AC	CHAdeMO + CCS Combo 2 + AC Type 2	EVD1S24THB2	85
Pedestals			
For EVlink DC fast chargers		References	Weight (kg)
For EVD1S24T0H, EVD1S24T0B		EVP1DB1LG	51
For EVD1S24THB, EVD1S24THB2		EVP1DB2LG	53