



Product data sheet EVLINK DC FAST CHARGER 24kW MULTI STANDARD

Characteristics

EVD1S24THB EVD1S24THB2 EVP1DB1LG

Unique features



Fast Charging



True 22/24kW
charger for all EVs



Economic Solution
vs 50kW chargers



No Air Filter



Smart Power

Benefits

About EVlink DC fast charging station 24kW

With an output power rating of 24kW, the EVlink DC fast charging station typically charges EV cars in less than 1 hour.

Featuring a compact design, this charging station can be installed in less than two hours, either to a wall or on a pedestal.

Thanks to its cooling system - which requires no air filter, the need for maintenance is greatly reduced.

The charging station's robust design makes it ideal for outdoor use (IP 55 / IK 10), and its dual modem separates operation and maintenance activities.

The EVlink DC fast charging station is an ideal solution for providing fast charging points at shopping centers, restaurants, parking areas or for any work places or shared buildings.

EVLINK DC FAST CHARGER 24kW MULTI STANDARD

Bistandard Wall Mounted



Tristandard Wall Mounted



Bistandard with pedestal



Tristandard with pedestal



Main

Range	EVlink
Product name	EVlink DC fast charging station
Product Type	Charging station

Device Short Name

EVD1S24THB	24kW DC Charger CHAdeMO & Combo CCS 2
EVD1S24THB2	24/22kW DC/AC Charger CHAdeMO, CCS Combo 2, AC T2S
EVP1DB2LG	Pedestal 24kW DC Charger Multistandard

Mounting Mode	Wall Mounted or Floor-standing with pedestal
Socket	CHAdeMO and Combo CCS (type 2), AC type 2
Cable length	3,25 meters
Power	24 kW (DC), 22 kW (AC)



Combo CCS



CHAdeMO



AC Type 25 (22kW)

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Input

Supply voltage	360 – 440 V AC
Supply frequency	50 – 60 Hz
Power Mode	3P+N+Ground
Nominal input current	38 A (42 A max) DC output - 32 A (max 35 A) AC output

DC Output

Voltage	200 V DC to 530 V DC Combo CCS (type 2) - 150 V DC to 500 V DC CHAdeMO
Current	1,5 to 65A
Max output power	24kW

AC Output

Voltage	400 VAC +/- 10%
Current	32A max
Max output power	22 kVA

Environment

IP	IP55
IK	IK10
Efficiency	95%
Power factor	0.99
Operating temperature	-25°C to 50°C (derating above 35°C)
Storage temperature	-25°C to +60°C
Operating altitude	2000 m max
Relative humidity	10 % to 95%

Complementary

Electrical protection	Output short circuit, overload
Temperature	Over temperature and temperature regulation
Communication protocol	OCCP 1.6, LAN/TCP-IP
Network connection	wireless 3G/4G
Access control system	RFID reader (compatible with RFID 14443 type A & B) 7-inch touch screen
Weight	93 kg / 146 kg with Pedestal
Dimensions	H 1 225 x L 507 x W 250 mm H 1 835 x L 536 x W 336 mm on Pedestal
Simultaneous charging	Simultaneous charging AC + DC for version with 3 outputs
Standard Compliance	
EMC	Class A
EN 61000-6-2:	sept 2015 (immunity for industrial environment)
EN 61000-6-4: 2007 + A1:	2011 (emission for industrial environment)
EV international standard	EN 61851-1 Ed.3

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