# 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 charger 24kW

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

Featuring a compact design, this charger 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 charger's robust design makes it ideal for outdoor use (IP 54 / IK 10), and its dual modem separates operation and maintenance activities.

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

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# 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 charger |
| 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 T2 |
| 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 2 (22kW)**

## Input

| | |
|---|---|
| Supply voltage | 380 – 480 V AC |
| Supply frequency | 50 – 60 Hz |
| Power Mode | 3P+N+Ground |
| Nominal input current | 37A |

## Output

| | |
|---|---|
| Voltage | 150 V DC to 530V DC |
| Current | 1,5 to 65A |
| Max output power | 24kW |

## Environment

| | |
|---|---|
| IP | IP54 |
| 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 | OCPP 1.6, LAN/TCP-IP |
| Network connection | wireless 3G |
| Access control system | RFID reader (compatible with RFID 14443 type A & B) |
| | 7-inch touch screen |
| | |
| Weight | 85 kg / 138 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 |

| | |
|---|---|
| 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 Ed.2 |
| | EAC compliance |

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