



# EV Link: Fast chargers



Charging a battery to 80% capacity in less than 15 min is possible with Schneider Electric's EVlink fast charging solution.

## Technical characteristics

Charging mode: Mode 4 as per IEC61851  
AC outlet in compliance with standard IEC61309-2  
management of DC fastcharging as per CHAdeMO standard  
Direct current outlet: Type YAZAKI 120A

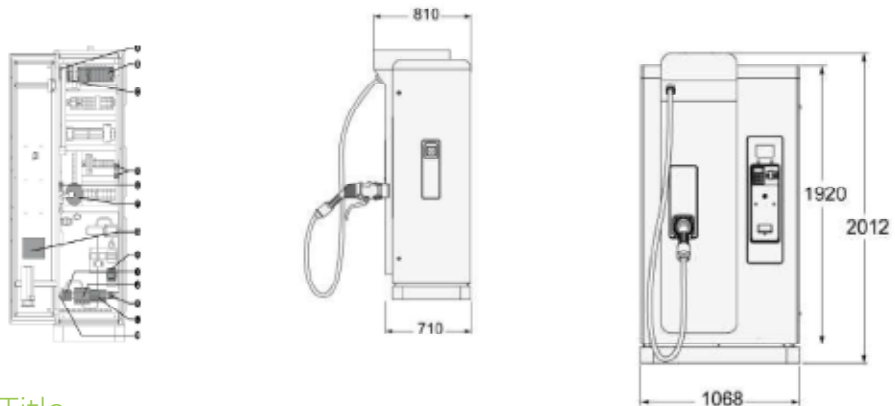
## Features

- > Uses alternative current (AC) Charging power of 43kW (400V/63A)
- > Uses direct current (DC), in compliance with CHAdeMO standard Charging power of 50kW (500V/125A)



**CHAdeMO**

Direct current quick charging standard defined and promoted by an association of automotive and electricity industrialists.



## Title

- A – 3G Modem H – Energy counter
- B – PLC I – Power terminal
- C – Internet Switch J – Main switch
- D- Fans terminal K – Auxiliaries terminal
- E – Billing System L – Surge arrestor
- F – Billing system printer M- Earth terminal
- G – Document location

## Mechanical dimensions

### Station weight

Weight < 700 kg

### Index protection

IP 54

IK 10 / [3 for costumer interface]

### Standards

CEI 61851-21/22/23 CEI 61439-2/5

Chademo protocol

### Electrical specifications

#### Grid / Operator

Connection to the grid LV 400V 3P + neutral

Schematic grounding TT ou TN

Network Frequency 50-60 Hz

Power grid < 58 kVA

Power factor > 0.95

Efficiency > 0.925

THDi < 13 %

Wired Communication for supervision Ethernet TCP/IP

#### Vehicle DC

Max Current exit 120 A DC

Max voltage exit 500 V DC

Max power exit 50 kW

Communication protocol CHAdeMO

Socket Yazaki 120A

Charge Mode Mode 4 according to IEC 61851

#### Vehicle AC [option]

Maximum Current exit 63 A

Maximum voltage exit 400 V

Maximum power exit 43.6 kVA

Communication protocol Pilot wire or CPL

[JWG ISO / CEI2G]

Socket type 61309-2



### For more information

call 0870 608 8 608 or visit

[www.schneider-electric.co.uk/electric-vehicle](http://www.schneider-electric.co.uk/electric-vehicle)



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