Schneider Electric

DATA SHEET
EVLINK FAST CHARGE SOLUTION

EVlink Fast Charge solution

In short

The choice

A high-end level product and several services:
- Installation management on your site
- Fast charge commissioning according to your application requirements
- Three levels (Ultra, Prime, and Plus) maintenance contract
- On-call and remote assistance in major countries worldwide
- Charging station upgrade with the latest firmware

Installation and commissioning
- Performed by Schneider Electric or certified partner
- A feasibility study should be carried out to assess the facility's ability
  It will stipulate the necessary power, identify electrical duct routing, etc.
- The optimum level of protection and monitoring for the charging station
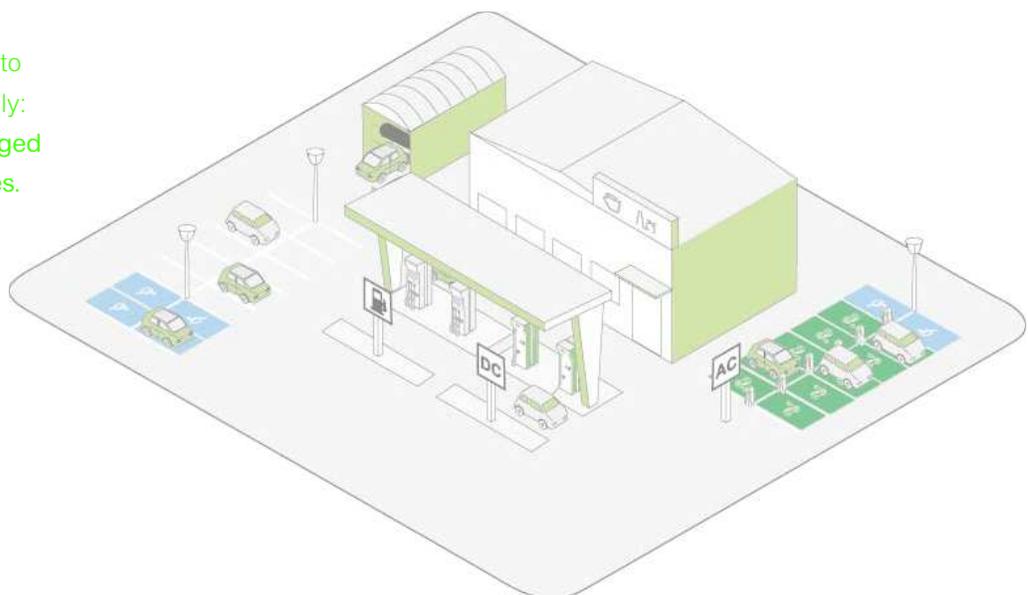
Maintenance
- On-line charging station support and diagnosis
- On-line software upgrades
- Schneider Electric promotes maintenance contracts on customer request
  for uptime optimization

Application

EVlink Fast Charge stations are designed to charge a vehicle rapidly: **80% of capacity charged in less than 30 minutes.**

They are intended for service stations in particular.

Characteristics

Mechanical and environmental features
- Degree of protection: IP54 (except cordsets)
- Degree of mechanical protection: IK10
- Operating temperature: -30°C / +50°C

Power supply network and charging mode
- Power supply: 400 V∿ (+10 / -15%), 3 Ph, 50 – 60 Hz

Direct current charging station
- Charging in Mode 4 (IEC 61851-23)
- CHAdeMO type connector
- Combo 2 type connector
- Charging voltage/current: 500 V DC/125 A - 485 V DC with CHAdeMO connector
- Electrical protective devices integrated in the charging station
- Cable length: 4 m

Alternating current charging station
- Charging in Mode 3 (IEC 61851-22)
- Charging voltage/current: 400 V AC/63 A AC
- Electrical protective devices integrated in the charging station
- Cable length: 4.4 m

User dialogue and data
- Backlit LCD graphic screen (2 lines)
- 4 sensitive touch buttons
- 3 twin-colored LED status indicators
- CPU badge (with RFID)
- Contactless reader

Available options
- Painting and skinning (stickers)
- Barcode reader
- On request:
  - Supervision connection (third party supervision integration)
  - Payment

Standards
- IEC/EN 61851-1 ed 2.0
- IEC/EN 61851-22 ed 1.0
- IEC/EN 62196-1 ed 2.0
- IEC/EN 62196-2 ed 1.0

Commercial configuration

Product type	500 V DC	500 V DC + 400 V∿
Combo2 50 kW DC/CHAdemo 50 kW DC/AC 43 kW		
Combo2 50 kW DC/CHAdemo 50 kW DC/AC 22.1 kW		
Combo2 50 kW DC/CHAdemo 50 kW DC		
Combo2 50 kW DC/AC 43 kW	Please contact us	
Combo2 50 kW DC/AC 22.1 kW		
CHAdemo 50 kW DC/AC 43 kW		
CHAdemo 50 kW DC/AC 22.1 kW		