



Power up your eBus Depot

eMobility solution for Heavy Fleets - eBuses

"Fleet Managers are looking for a fast, smart and cost-effective solution to charge their eBuses. One that enables operational efficiency and keeps schedules on track."

Our Fleet-friendly solution supports VDV 261 bus preconditioning standard and integrates seamlessly with fleet management systems. It is scalable, delivers a smooth and optimized charging experience, and offers the best-in-class serviceability.

DC Range of Charging Stations

Broad range of power from 60 to 320 kW

Characteristics:

- Floor standing or wall mounted*
- High energy efficiency power modules (97%)
- 7.5m range output cable
- Plug and Charge authentication (autocharge and ISO 15118 support)
- Proactively maintained via sensors and the manufacturer EcoStruxure Asset Portal
- On-site or remote expert assistance from the manufacturer
- High performance in harsh environment: -30°C/+50°C temperature resistance without derating

* With Schneider StarCharge Fast DC 60 charging station

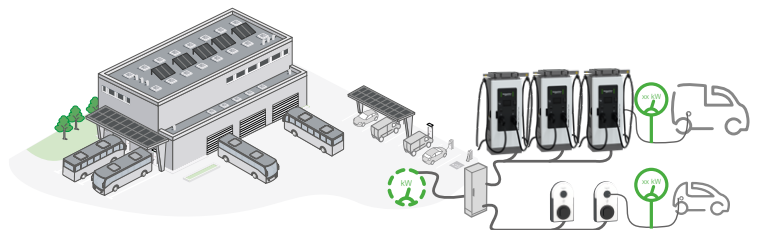
Bus preconditioning:

- Performance and passenger comfort with VDV 261



Dynamic Energy and Load Management System (DELMS)

Dynamically adjust the EV loads limit



- EV loads management aligned with fleet schedules via VDV 463
- Cost optimization based-on tariff and peak hours

A connected solution

The EV infrastructure can be connected to a cloud-based Charging Station Management System and integrated into the Fleet Management System via API or alternative capability.



Charging Stations Management System



Fleet Management System

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Life Is On

Schneider
Electric



▶▶ For Fleet Owners:

- Make certain the fleet is always charged and operating on schedule
- Precondition my fleet prior to departure for optimal performance and passenger comfort
- Optimize energy allocation and consumption
- Get a modular, flexible and scalable charging infrastructure to anticipate future needs



▶▶ For System Integrators:

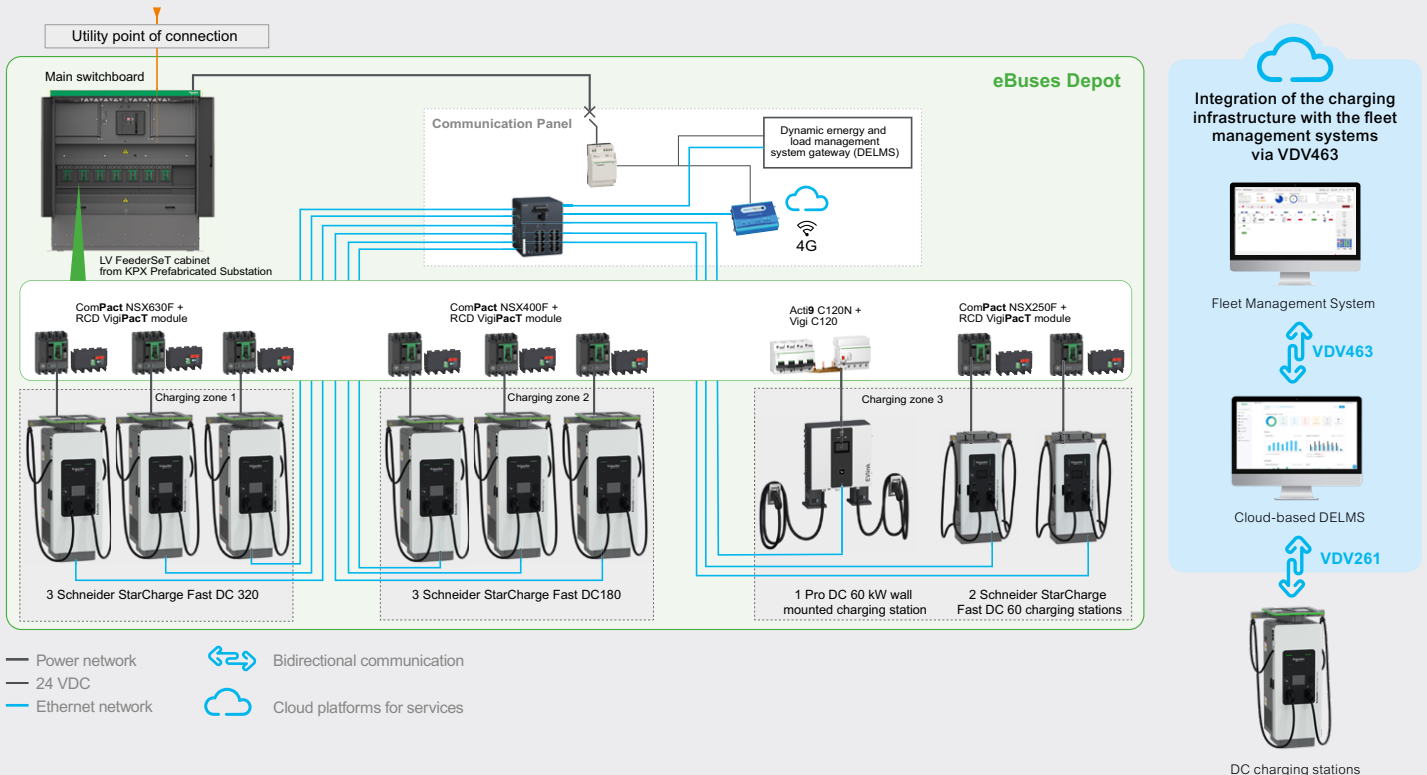
- End-to-end solution from a single provider
- Open and scalable solution
- Schneider Electric expertise support from design to execution



▶▶ For Charge Point Operators:

- Designed for large scale deployment
- Versatile offer
- Easy integration into the CPO management system

Architecture for a fleet of eBuses with Dynamic Energy and Load Management System, and VDV function



Key Products

End-to-End Schneider Electric Solution	
Charging Station	Description
Schneider StarCharge Fast DC 180 and 320	New DC fast charging range with/without cable management system and with/without embedded credit card reader
Schneider StarCharge Fast DC 60	New DC fast charging range with/without cable management system and with/without embedded credit card reader
EVlink Pro DC 60	Wall mounted charging station with 2 connectors
Power Distribution	
KPX Prefabricated Substation	LV FeederSeT cabinet, Liquid Filled Transformer and up to 24 kV RM AirSeT switchgear
Electrical protections	To be selected according to the EV charging station power rate

> For detailed information refer to the eMobility catalog