



Providing an end-to-end solution for transport business

eMobility solution for Heavy Fleets - eTruck Depot

“Transport companies are looking for an efficient, smart, and always-available solution that optimizes the time to charge of their eTruck fleet.”

Our fleet-friendly solution offers a wide power capacity range from 60 to 720 kW. It is scalable, delivers a smooth and optimized charging experience, supports BCB Toggle wake-up, and offers services to cover the full product lifecycle.

Pro DC range of charging stations

Broad power capacity range from 60 to 720 kW

Characteristics

- High-energy-efficiency power modules (97%)
- 7.5 m range output cable
- Plug and Charge authentication (autocharge and ISO15118 P&C)
- Proactively maintained via sensors and via the cloud-based manufacturer **EcoStruxure Energy Asset Portal - Maintain**
- On-site or remote expert assistance from the manufacturer
- High performance in harsh environments: -30°C/+50°C temperature resistance without derating

DC 720 Fast-charging modular range

Our next-generation EV charging solution delivers ultra-fast charging from 360 to 720 kW, designed to meet evolving needs

- Power up to 12 vehicles simultaneously with 6 satellites
- Modular cabinet architecture that adapts to your growth and evolving energy demand

BCB Toggle wake-up for e-Trucks

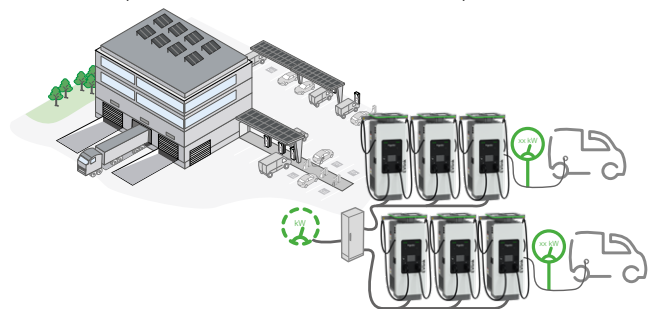
- Automated charging restart for selected trucks*



EcoStruxure EV Charging Expert

Dynamically adjust the EV load limit

- Cost optimization based on tariff and peak hours



* e.g. Volvo, Scania and Renault eTrucks.

Schneider Electric

World leader for electrical distribution equipment, Schneider Electric provides a complete solution adapted to all types of business and environment.



se.com/emobilitysolutions

Life Is On





For Fleet Owners:

- Make certain the fleet is always charged and ready to go, on schedule
- Fully charge e-trucks over an extended period
- Optimize energy allocation and consumption
- Benefit from a modular, flexible, and scalable charging infrastructure to anticipate future needs



For System Integrators:

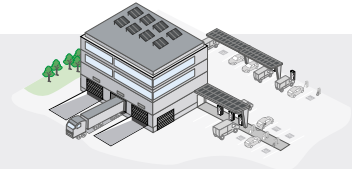
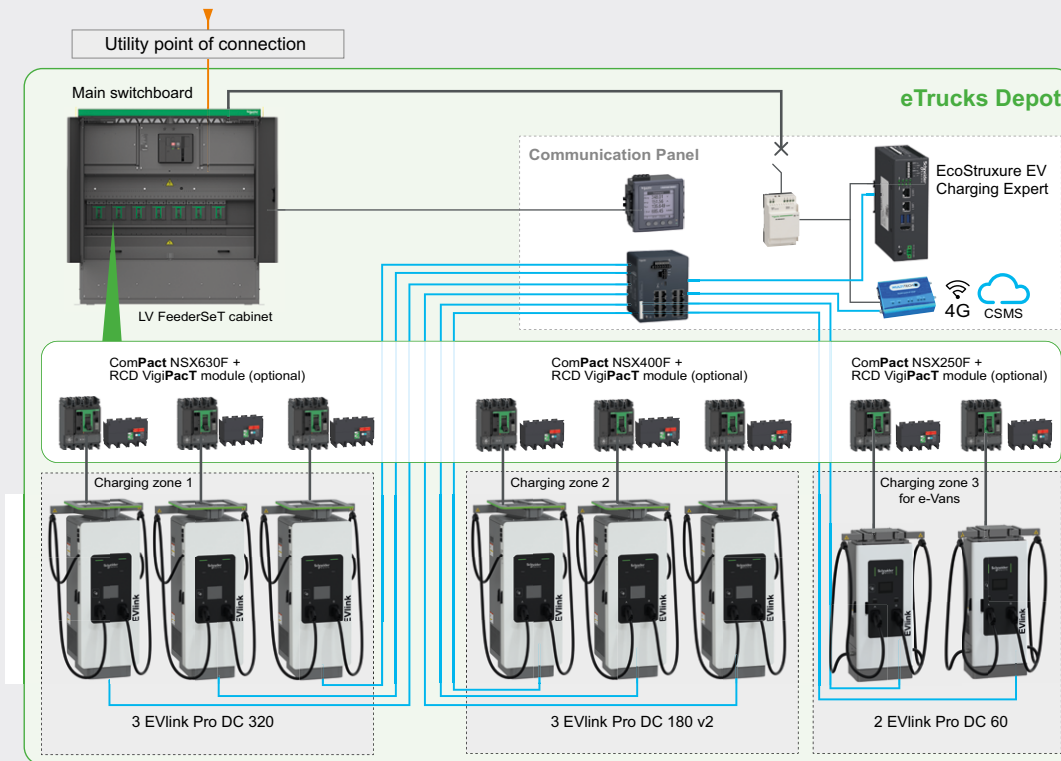
- End-to-end solution from a single provider
- Open and scalable solution
- Schneider Electric expertise and support from design to execution



For Charge Point Operators:

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

Example of an architecture to charge a fleet of e-Trucks



DC fast-charging range

Compliant with IEC 61851-1, including the optional BCB Toggle wake-up function for Volvo, Scania and Renault eTrucks.



* EcoStruxure EV Charging Expert is compliant only if a Fleet Management System is not used
 — Utility supply network — 24 VDC Bidirectional communication
 — Power network — Ethernet network Cloud platforms for services

Key Products

Products used	
Charging Station	Description
EVlink Pro DC 60, 180 or 320	New DC fast-charging range available with/without cable-management system and with/without embedded credit card reader
EVlink Pro DC 720	A new decentralized DC charging system that delivers up to 720 kW via 2 types of power cabinets (30kW or 40kW power modules) across 6 dispensers available with/without cable-management system and with/without credit card reader
Load Management System	
EcoStruxure EV Charging Expert	EV Load Management System up to 250 chargers per license: HMIBX1A0NEVB100SCP
Power Distribution	
LV FeederSeT cabinet	Outdoor and indoor switchboards with advanced molded case, and air circuit breakers for assemblies up to 5000 A
Electrical protections	Depend on the EV charging station power rate

> For detailed information, refer to the eMobility catalog

www.se.com/emobilitysolutions

