



Optimizing comfort and EV charging for residents

eMobility solution for residential buildings

"I want to offer co-owners a complete and practical charging solution for electric vehicles that enables me to manage operation and maintenance from my office."

Accelerate charging infrastructure deployment at apartment buildings with our open solution, Schneider Charge Pro, an affordable EV charger that simplifies billing, optimizes comfort for residents and manages EV loads in real-time.

Schneider Charge Pro

AC charging station with MID meter and embedded connectivity

Easy installation and wiring:

- Three cabling options: back, top, bottom
- Connectors for fast wiring

Easy commissioning:

- On-site configuration with eSetup mobile app
- Wi-Fi direct connectivity

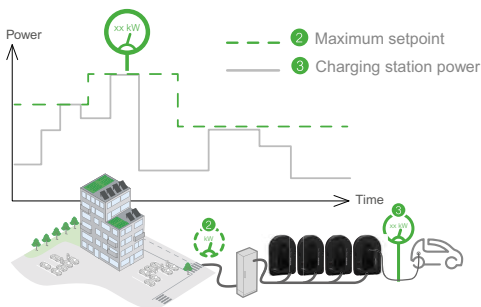


Characteristics:

- Combine 1P-3P from 7.4 kW up to 22 kW
- T2S socket or 7 m attached cable with T2 connector
- OCPP 1.6J
- 4G, Wi-Fi, Ethernet embedded connectivity
- Authentication through RFID reader
- Embedded MID meter
- Connection to smart utility meter with DSO and TIC interfaces

EcoStruxure™ EV Charging Expert

Load management system



- Distribution of available power, including local production, for all charging stations
- Peak/off-peak hours EV charging management

Integration with Charging Point Operators' management system

Schneider Charge Pro has been validated with the major Supervisions systems and is easy to connect to any Charging Station Management Systems thanks to OCPP 1.6-J



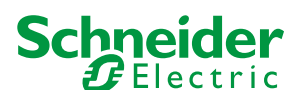
Charging Stations Management System



Compatible with EV driver application from CPO

se.com/emobilitysolutions

Life Is On





► For Charge Point Operators:

- Versatile offer
- Reduced Total Cost of Ownership
- Easy integration into CPO management system
- Certified energy measurement for billing (MID)



► For Electrical Contractors:

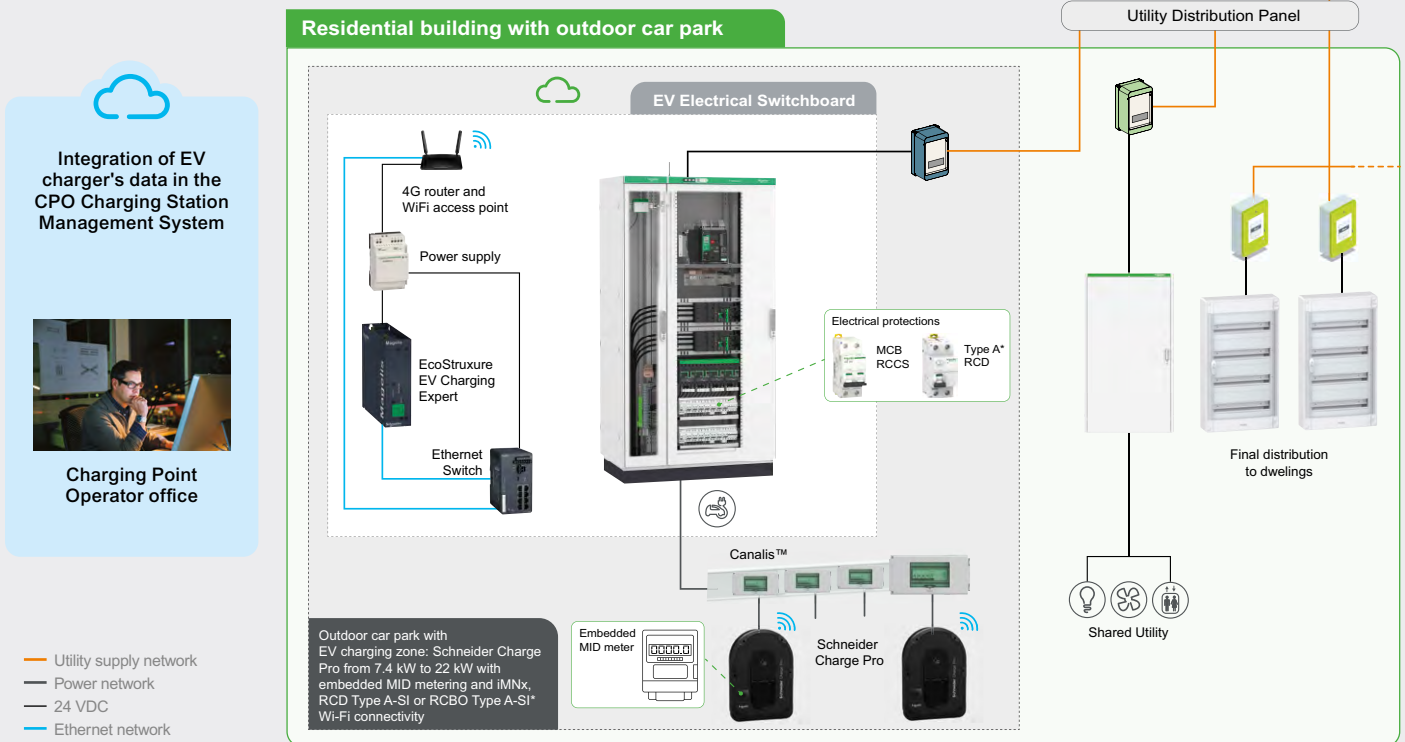
- Reduced installation time
- Fast to commission
- Robust solution
- Technical support and services from Schneider Electric



► For Owner-corporations:

- Minimized property development costs
- Open and ready for operations
- Compliant with local regulations
- Scalable EV infrastructure

EV charging infrastructure for residential buildings



*In countries where the installation standard IEC/HD 60364-7-722 or equivalent local regulations are applied, a RCD type B must be used instead of RCD type A-SI.

Key Products

End-to-End Schneider Electric Solution		
Charging System	Description	Reference
Schneider Charge Pro T2S	AC Charging station with or without embedded MID or/and 4G modem	EVB4S22N40 / EVB4S22N40M EVB4S22N40G / EVB4S22N40MG
Schneider Charge Pro with attached cable and T2 connector	AC Charging station with/without embedded MID or/and 4G modem	EVB4S22NC0 / EVB4S22NC0M EVB4S22NC0G / EVB4S22NC0MG
Load Management System		
EcoStruxure™ EV Charging Expert	Local load management system for EV infrastructures	Local load management system for EV infrastructures
Power Distribution		
RCD – Type A-SI	Residual Current breaker that protects against insulation disturbances	Depends on model
RCBO – Type A-SI	Residual current breaker with overcurrent protection	Depends on model
MCB	Miniature circuit breaker to protect circuits against short circuits and overcurrent faults	Depends on model
iMNx	Undervoltage release tripping unit	Depends on model

> For detailed information refer to the eMobility catalog

Canalis™ for EV Outdoor Charging Infrastructure



eSetup
Android/iOS

