



AT HOME



Choose a smart and familiar EV solution

eMobility solution for a Single Family Home

“I want to be able to quickly install a robust charging station compatible with my customers' preferred mobile applications.”

Deliver your customer an attractive charging station that provides them with simple remote control of their EV charging and optimizes their energy costs without compromising their comfort.

Schneider Charge

Single family home charging station

Easy installation and wiring:

- Three cabling options
- Wall spacers for irregular surfaces
- Captive screws and metal black plate with slotted holes
- Connectors for fast and long-time wiring
- Ready for voltage and continuity test



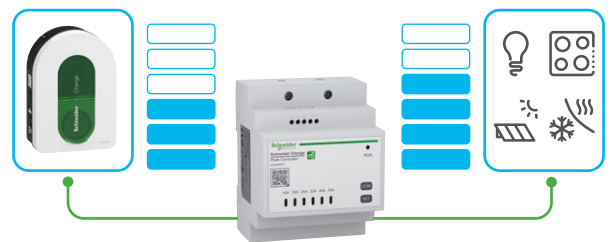
Characteristics:

- T2S socket up to 22kW, combined 1P/3P
- Up to 7.4 kW 1P or 11kW 3P, with 5 or 7m attached cable with T2 connector
- OCPP 1.6J
- Single push-button for configuration
- iMNx and DSO signal connector availability

Anti-Tripping Module

Power load management

Continuously adapts the charging power, taking home consumption and self-generated energy into account (PV, wind, storage...)



Characteristics:

- 1-phase or 3-phase products
- Power Line Communication with pairing: no need for additional cable

Commission and control Schneider Charge from the palm of your hand

Connectivity settings via eSetup

- Select or configure the 3rd party charging application (URL for OCPP communication)
- Send information to the owner to let them finalize the connection to their charging application



Monitor and control the EV charging station, and much more

- Monitoring, scheduling and cost optimization
- Plus other features depending on the application (grid services...)

se.com/emobilitysolutions

Life Is On





► For Energy retailers or Car Original Equipment Manufacturers:

- Open system to supervise charging
- Car-brand agnostic
- Compliant with local regulations
- Competitive and aesthetic offer



► For the homeowner:

- No disruption to lifestyle when the installation is running
- Optimized, scheduled charging sessions
- Energy cost under control
- Attractive design
- Open to my EV charging application



► For electricians:

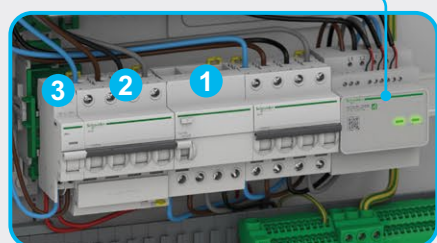
- Reduced installation time
- Easy to commission
- Competitive offer
- Simple to quote and purchase
- Robust solution

Overview of the Schneider Charge - Family Home Solution

Upgrade the electrical installation



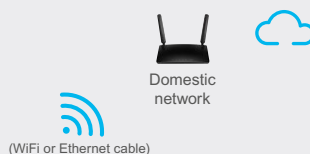
Schneider Charge anti-tripping module: 1-phase or 3-phase Peak Controller



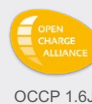
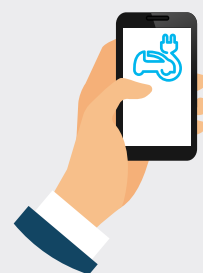
- 1 RCD Type A-SI to detect AC residual current (30 mA)
- 2 MCB to provide charging station cable overload protection
- 3 MNx: undervoltage release tripping unit (IEC 61851-1 ed.3)

Option: RCBO residual current breaker with overcurrent protection

Charge at home



Select the EV Charging Application



OCCP 1.6J



Schneider Charge

Power: from 7.4 to 22 kW



Commission with eSetup

Key Products

Schneider Electric Solution		
Charging System	Description	Reference
Schneider Charge T2S	T2S - 1P+N/3P+N ; 7.4kW/11kW/22kW	Evh5A22N2S
Schneider Charge with attached cable (2 lengths)	5m Cable - 1P+N 7.4kW or 3P+N 11kW 7m Cable - 1P+N 7.4kW or 3P+N 11kW	Evh5A07N2C5 / Evh5A11N2C5 Evh5A07N2C7 / Evh5A11N2C7
Schneider Charge anti-tripping module	1-phase or 3-phase Peak Controller	EVA2HPC1 / EVA4HPC1 EVA2HPC3
Power Distribution	Description	Reference
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
Smartphone Application	Description	How to get
eSetup	Commissioning App for electricians	Download eSetup for free

> For detailed information refer to the eMobility catalog

eSetup
Android/iOS

