



AT HOME



Easy and smart Schneider Electric charging experience



eMobility solution for a Single Family Home

“I want a robust end-to-end solution when installing EV charging stations.”

Offer your customer a fast and simple to install charging station. A Schneider Electric end-to-end solution which gives them an attractive design, ease of use and the ability to optimize their energy costs and CO₂ footprint 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

Schneider Electric mobile applications

eSetup to commission Schneider Charge

- Firmware upgrade
- Electrical parameter settings
- Wi-Fi connection to home router
- EV charging application: Wiser pre-set

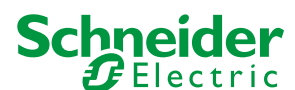


Wiser to optimize home energy consumption, including the EV charging

- Remote control and scheduling
- Bill optimization based on Time of Use tariff
- Energy consumption and cost history

se.com/emobilitysolutions

Life Is On





For electricians:

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



For home builders:

- Benefit of Schneider Electric's brand reputation
- Facilitates compliance with local regulations
- Competitive and robust solution



For the homeowner:

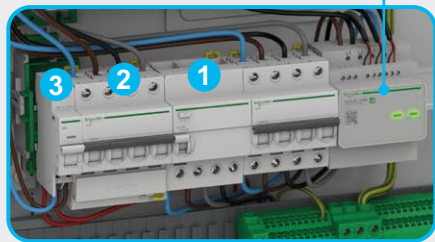
- No disruption to lifestyle when the installation is running
- Optimized, scheduled charging sessions
- Energy cost under control
- Attractive design
- Open to my EV charging application

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



Schneider Charge

Optimize energy costs

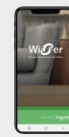
Wiser
Home Energy Management System

All-in-one app Energy consumption dashboard Charging modes selection

Power: from 7.4 to 22 kW



Commission easily with **eSetup**



Operate remotely with **Wiser**

Key Products

End-to-End 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
Wiser	Energy management App for residents	Download Wiser for free

> For detailed information refer to the eMobility catalog

eSetup
Android/iOS



Wiser
Android/iOS

