

# Smappee EV Wall HOME



- Integrated autonomous overload protection and solar optimisation.
- Insights and control over charging process and costs.
- Real-time and historical energy data - grid, solar, always-on.
- Control charging sessions with QR code, RFID and smart schedules.
- Easily expandable with Smappee Infinity for more home energy management.
- Secure OCPP and OCPP roaming.

The Smappee EV Wall Home is a wall-mounted smart EV charging station with one connector, for standalone use at home. Thanks to the integrated Smappee Infinity technology it ensures autonomous overload protection and optimised self-consumption. Detailed insights on your energy usage and production, the charging process and costs, can be found in the App and Dashboard. The EV Wall Home is easy to install with simple cable configuration and installation wizard. The integrated LED lighting indicates charging status. It comes with a fixed cable or socket. Charging sessions can be started and stopped via QR code, RFID and smart EV schedules.

#### Dimensions:

- 300 × 300 × 110 mm (station)
- Socket or charging cable 8 m with cable holder

#### Weight:

- EV Wall incl. 1 fixed cable (8 m): 9.3 kg
- EV Wall incl. 1 socket: 4.7 kg
- Cable (8 m) incl. cable holder: 4.9 kg

#### Operating temperature:

-25 °C to 40 °C

#### Storage temperature:

-25 °C to 60 °C

#### Relative humidity:

0 % - 95 %, non-condensing

#### Operating altitude:

0 - 2,000 m

#### Standards:

IEC 61851-1

#### Product certifications:

CE

#### Connectivity:

- Wi-Fi 2.4 GHz
- Ethernet 100BASE-T

#### Communication protocol:

OCPP 1.6 J, ready for update to OCPP 2.0.1

#### Mounting method:

Wall

#### Enclosure:

- Material: Magnelis (structure), aluminium (front plate)
- Rating: IP54 / IK10
- Standard colours: RAL9016 (star white) + RAL7021 (black grey)

#### Integrated Residual Current Protection\*:

6 mA DC / 30 mA RCD type A

#### Required external protection

Breaker of max. 40 A, type B or C

#### Integrated Energy Management:

Grid & solar measurements

#### Charging:

- Maximum charging capacity: 7.4 to 22 kW
- Output power: Single or 3 phase, 230 V/400 V, 32 A
- Charge mode: Mode 3 (IEC 61851)
- Charging activation: QR code / Plug and charge / RFID
- Information status: RGB LED
- kWh meter compliant with IEC 62053-21

#### Connectors:

- 1 × fixed cable with type 2 connector (right)
- 1 × type 2 socket (right) - optional shutter

\* Shutter version (FR only) does not include 30 mA RCD

# Smappee EV Wall

## The smartest home charging solution.



Have you recently started driving an electric vehicle or are you considering making the switch? With Smappee EV Wall you can charge safely, easily and economically at home. No more blown fuses while charging with this smart charging station. Your car also taps maximum energy during off-peak hours or solar power. You can control your charging sessions and follow them in the Smappee App with a few taps and in real-time. You can also see your total energy consumption, your solar production and your costs. Smappee EV Wall is the only charging station that cost-effectively deploys and manages your energy, for your car and in your home.



# More than a charging station.



## Inexpensive

Smappee uses your solar energy as much as possible or taps energy during off-peak hours. This is the cheapest energy for your car and household appliances. So you can easily save up to 60% on your energy bill.



## Insight into (charging) costs

The Smappee App and Dashboard display your charging costs in detail. Useful for billing your employer for your company car's charging sessions. You can also see your real-time total consumption, standby consumption and solar production.



## Safe

Smappee's smart energy technology keeps an eye on your electrical connection. A peak in consumption at home? Then less power goes to the charging station for a while. So you can cook, iron and bake without worrying about blown fuses while your car is charging. Smappee takes care of that!



## Future-proof

New heat pump or solar panels? Effortlessly link Smappee Infinity to your EV Wall for global energy management and gain insight and control over the consumers in your home. Wireless updates ensure that you are always up to date with the latest features.

## Elegant and sturdy design

Compact (30cm by 30cm). With or without a fixed charging cable.

## Security

Charge immediately or secure your charging station with the Smappee charging card to start charging.

## Up to 7 x faster charging

Via the Smappee EV Wall you can charge up to 7 times faster than via a normal wall socket.



## Global solution

Works with all electrical connections and cars.

## LED lighting

Displays charging status and provides additional illumination.

## Simple installation

Easy to install and low maintenance.

Your company details.



smappee.com

