Smappee EV Wall Home



The Smappee EV Wall is a wall-mounted EV charging station with one connector. Designed for easy installation, it has a simple cable configuration and installation wizard. The integrated LED lighting indicates the charging status and provides ample visibility in the parking area. Available with a fixed cable or socket, the EV Wall supports multiple payment options via QR code or RFID.

The EV Wall Home pack includes a 5-year subscription to the Smart subscription plan*, which includes all the features on the Lite plan plus:

- Real-time and historical energy data on grid, solar, and always-on consumption via the Smappee App.
- Autonomous overload protection for your home and electrical systems
- Solar and self-consumption optimization.
- Smart EV charging schedules to control when and how to charge.
- Over-the-air updates for both the charger and the app.

**The Smart subscription plan unlocks Smappee's energy intelligence and charging management modules. Additional add-ons are available depending on your needs.*

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Dimensions

- Charging station:
  300 mm × 300 mm × 110 mm
- Charging cable: 8 m

Weight

- Charging station with socket: 7.3 kg
- Charging station with socket and shutter: 7.4 kg
- Charging station with cable and holder: 12.4 kg

Operating temperature

-25 °C to 40 °C

Storage temperature

-25 °C to 60 °C

Relative humidity

0 % - 95 %, non-condensing

Operating altitude

0 - 2000 m

Standards

IEC 61851-1

Product certification

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: RAL 9016 (star white) + RAL 7021 (black grey)

Integrated Residual Current Protection

6 mA DC / 30 mA RCD type A

Required external protection

Circuit breaker of maximum 40 A, type B or C

Integrated Energy Management

Grid and solar measurements

Charging

- Main power: 230 V/400 V, 32 A
- Maximum nominal power
  Single-phase connection: 7.4 kW
  Three-phase connection: 22 kW
- Charge mode: Mode 3 (IEC 61851)
- Activation method: Plug and charge, swipe RFID, scan QR code
- Information status: RGB LED
- kWH meter compliant with IEC 62053-21 and accuracy of 1%

Connectors

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

Shutter variant (only for the French market) does not include 30 mA RCD

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Installation manual



English – Version 1.8 – February 2023

3. Models

Article no.	EAN	Description
EVW-132-BR-E-W	5425036931916	EV Wall Home White 1-Phase 7.4 kW Socket
EVW-132-BR-E-W-100A	5425036932524	EV Wall Home White 1-Phase 7.4 kW Socket (100A version)
EVW-132-BSR-E-W	5425036932722	EV Wall Home White 1-Phase 7.4 kW Socket with shutter
EVW-132-C8R-E-W	5425036931992	EV Wall Home White 1-Phase 7.4 kW Type 2 cable 8m with cable holder
EVW-132-C8R-E-W-100A	5425036932548	EV Wall Home White 1-Phase 7.4 kW Type 2 cable 8m with cable holder (100A version)
EVW-332-BR-E-W	5425036932036	EV Wall Home White 3-Phase 22 kW Socket
EVW-332-BR-E-W-100A	5425036932555	EV Wall Home White 3-Phase 22 kW Socket (100A version)
EVW-332-BSR-E-W	5425036932739	EV Wall Home White 3-Phase 22 kW Socket with shutter
EVW-332-C8R-E-W	5425036932111	EV Wall Home White 3-Phase 22 kW Type 2 cable 8m with cable holder
EVW-332-C8R-E-W-100A	5425036932579	EV Wall Home White 3-Phase 22 kW Type 2 cable 8m with cable holder (100A version)