

Smappee EV Wall



EV charging for home and business

The Smappee EV Wall is the next generation AC charging station that combines sleek design with powerful technology. This compact, wall-mounted, single-connector charging station offers maximum flexibility with both socket and cable versions. It is ready for the future with support for ISO 15118-2, Plug and Charge, and it's already prepared for ISO 15118-20 and V2G. The connector features its own intuitive display, giving users real-time charging status and pricing information at a glance.

Essential charging features of the EV Wall:

- Live and historical charging sessions.
- Static and dynamic overload protection.
- Whitelisting (access control).
- Charging schedules.

Additional features are available in the Smart or Business subscription.
Additional information can be found in the Home or Business charging brochures.

Dimensions

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

Weight

- Charging station with socket: 6.3 kg
- Charging station with cable
and cable holder: 9.7 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

- Safety: EN IEC 61851-1, EN IEC 62311, AS/NZS 3820
- EMC: EN IEC 61851-21-2, EN ETSI 301 489-1, EN ETSI 301 489-52
- Radio spectrum: EN ETSI 300 220, EN ETSI 301 908-13

Product certification

CE

Connectivity

Ethernet 100BASE-T, 4G LTE-M

Includes 2 years of 4G (LTE) connectivity

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 RCM and 30 mA AC RCD type A

Required external protection

Circuit breaker of maximum 40 A, type B or C

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:
Unauthenticated, swipe RFID,
scan QR code, optional Pay Station
- Information status: 2.77" LCD display
- MID metering, certified class B

Connector

IEC 62196-2 Type 2 charging cable
8 m, IEC 62196-2 Type 2 charging cable
with shutter 8 m or socket with integrated
shutter.

*Electronic lock of socket can be locked permanently
by the user*