Smappee EV Wall



EV charging for home and business

The Smappee EV Wall is a compact, wall-mounted, AC charging station with a single connector. Easy to install with a clear installation wizard and simple cable setup. Integrated LED indicators show charging status clearly in parking areas. The EV Wall is connected to the Smappee cloud and app to view live and historical charging sessions. Available with fixed cable or socket, it supports scan and charge and RFID payments.

Essential charging features of the EV Wall:

- Live & historical charging sessions.
- Static overload protection.
- Offline charging.
- Whitelisting (access control).
- Charging scheduling.
- Dynamic overload protection.

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: 7.3 kg
- Charging station with cable and cable 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, AS/NZS 3820

Product certification

CE, ACMA

Connectivity

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 RCM and 30 mA 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: RGB LED
- MID metering, certified class B

Connectors

1 × fixed cable with type 2 connector
or 1 × type 2 socket - with shutter

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