

Smappee EV Wall Home Black



The Smappee EV Wall Black is a wall-mounted smart EV charging station with one connector. Designed for easy installation, it has a simple cable configuration and installation wizard. The integrated LED lighting indicates charging status and ensures sufficient visibility in the parking area. It comes with a fixed cable and offers multiple payment options via QR codes or RFID.

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

- Real-time and historical energy data on the grid, solar, 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 Plan is a subscription that unlocks Smappee's energy intelligence and charging management modules. Additional add-ons are available depending on your needs.*

Dimensions

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

Weight

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 - 2.000 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 colour: RAL7021 (black grey)

Integrated Residual Current Protection

6 mA DC / 30 mA RCD type A

Required external protection

Breaker of maximum 40 A, type B or C

Integrated Energy Management

Grid and solar measurements

Charging

- Maximum charging capacity: 22 kW
- Output power: 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

Fixed cable with type 2 connector