Smappee EV Wall HOME BLACK

3 phase with fixed cable in RAL 7021 (black grey).

• 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. Charging sessions can be started and stopped via QR code, RFID and smart EV schedules.

Dimensions:
- 300 × 300 × 110 mm (station)
- Charging cable 8 m with cable holder

Weight:
- EV Wall incl. 1 fixed cable (8 m): 9.3 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 colour: 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: 22 kW
- Output power: 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)