

TECHNICAL SPECIFICATIONS

Smappee EV Wall



- Integrated local 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 RFID and smart schedules.
- Easily expandable with Smappee Infinity for more home energy management.

The Smappee EV Wall is a wall-mounted smart EV charging station with one connector. Thanks to the integrated Smappee Infinity technology it ensures autonomous overload protection and optimised self-consumption. Receive detailed insights on your energy usage and production, the charging process and costs via the App and Dashboard. The EV Wall is easy to install with simple cable configuration and installation wizard. The integrated LED lighting indicates charging status. It comes with a fixed cable or socket. Charging sessions can be started and stopped via QR code, RFID and smart EV schedules.

- **Dimensions:**
 - 300 × 300 × 110 mm (station)
 - Charging cable 2.5 m or 8 m with cable holder
- **Weight:**
 - EV Wall station: 5.3 kg
 - EV Wall incl. 1 fixed cable (2.5 m): 6.8 kg
 - EV Wall incl. 1 fixed cable (8 m): 9.8 kg
 - EV Wall incl. 1 socket: 6.2 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
- **Integrated Residual Current Monitor (RCM):**
Rated operating residual current detection:
6 mA DC / 30 mA AC
- **Connectivity:**
 - Wi-Fi 2.4 GHz
 - Ethernet 100BASE-T
 - Communication protocol: OCPP 1.6 J
- **Mounting method:** Wall
- **Charging:**
 - Maximum charging capacity: Single or 3 phase, 3.7 to 22 kW
 - Output power: Single or 3 phase, 230 V – 400 V, 16 A or 32 A
 - Charge mode: Mode 3 (IEC 61851)
 - Charging activation: Plug and charge / RFID
 - Information status: RGB LED
 - kWh meter compliant with IEC 62053-21
- **Enclosure:**
 - Material: steel (structure), aluminium (front plate)
 - Rating: IP54 / IK10
 - Standard colours: RAL9016 (star white) + RAL7021 (black grey)
- **Connectors:**
 - 1 × fixed cable with type 2 connector (right)
 - 1 × type 2 socket (right)

