

Smappee EV Wall

North America



The Smappee EV Wall is a wall mounted EV charging station with one connector for residential, commercial, fleet or workplace charging. Designed for easy installation it has a simple cable configuration and an installation wizard. The integrated LED lighting indicates the charging status and provides ample visibility in the parking area. Available with a fixed charging cable or a socket, the EV Wall supports multiple payment options via QR code or RFID.

Dimensions

- Charging station:
1 × 1 × 0.36 ft (300 × 300 × 110 mm)
- Charging cable:
18 ft (5.5 m)

Weight including cable

16.3 lbs (7.4 kg)

Operating temperature

-22 °F (30°C) to 104 °F (40°C)

Storage temperature

-40 °F (-40°C) to 140 °F (60°C)

Relative humidity

Up to 95 %, non-condensing

Operating altitude

0 - 2.000 m

Standards

SAE J1772

Product compliance

- Certified to:
UL2594
UL2231-1
UL2231-2
UL1998, UL991
CSA C22.2 No. 280
CSA C22.2 No. 281.1
CSA C22.2 No. 281.2
ENERGY STAR
- Compliant with:
NEC 625.42
NEC 750.30
FCC Part 15 Class B

Connectivity

- Wi-Fi 2.4 GHz
- Ethernet 100BASE-T

Communication protocol

OCPP 1.6 J, ready for update to OCPP 2.0.1

Energy management

Revenue grade Class 0.5 (0.5% Accurate)
Charge rate adjustable from 6 A to 48 A
Compliant with oversubscription per NEC
Individual and priority fleet charging

Software updates

Firmware updated over-the-air (OTA)

Mounting method

Wall or pedestal

Enclosure

- Type 3R certified
- Material: Magnelis metal (structure), aluminium (front plate)
- Standard colours: RAL 9016 (star white) + RAL 7021 (black grey)

Integrated Residual Current Protection

20 mA CCID with auto retry

Required external protection

Dedicated non-GFCI Dual Pole rated for 125% of max load

Input wiring

Hardwired L1, L2, neutral and PE

Charging

- AC power output rating: 208/240 V, 50/60 Hz, 2-phase, 6 A to 48 A
- Maximum charging power: 11.5 kW
- Charge mode: level 2
- Charging activation: plug and charge or RFID
- Information status: RGB LED

Connectors

Fixed cable with SAE J1772-2009 plug