Smappee EV One Home

The Smappee EV One is a floor-mounted EV charging station with one connector, available with a type 2 socket with shutter. Designed for easy installation, it has a simple cable configuration and installation wizard. The integrated LED lighting indicates the charging status and provides ample visibility in the parking area.

The EV One Home pack includes a 5-year subscription to the Smart subscription plan*, which includes all the features on the Lite plan plus:

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

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Dimensions

- Charging station:
  1100 mm × 120 mm × 120 mm
- Floorplate:
  300 mm x 300 mm x 50 mm

Weight

- Charging station: 12.3 kg
- Floorplate: 3.2 kg

Operating temperature

-25 °C to 40 °C

Storage temperature

-25 °C to 60 °C

Relative humidity

0 % - 95 %, non-condensing

Operating altitude

0 - 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

Ground, with supplied anchor or optional floorplate

Enclosure

- Material: Magnelis (structure), aluminium (housing)
- Rating: IP54 / IK10
- Standard colour: 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

Integrated Energy Management

Grid and solar measurements

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: Plug and charge, swipe RFID, scan QR code
- Information status: RGB LED
- kWh meter compliant with IEC 62053-21 and accuracy of 1%

Connectors

1 × type 2 socket with shutter

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