

Smappee EV One



EV charging for home and business

The Smappee EV One is a ground-mounted EV charging station with one connector. Easy to install with a clear installation wizard and simple cable setup. Integrated LED indicators show charging status clearly in parking areas. The EV One is connected to the Smappee cloud and app to view live and historical charging sessions. Available with socket, it supports scan and charge and RFID payments.

Essential charging features of the EV One:

- Live & historical charging sessions.
- Static overload protection.
- Offline charging.
- Whitelisting (access control).
- Charging scheduling.
- Dynamic overload protection.

Additional features are available in the **Smart or Business subscription**. Additional information can be found in the Home or Business charging brochures.

Dimensions

- Charging station: 1100 mm × 120 mm × 120 mm
- Floorplate: 300 mm x 300 mm x 6 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

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:
Unauthenticated, swipe RFID,
scan QR code, optional Pay Station
- Information status: RGB LED
- MID metering, certified class B

Connectors

1 × type 2 socket - with shutter