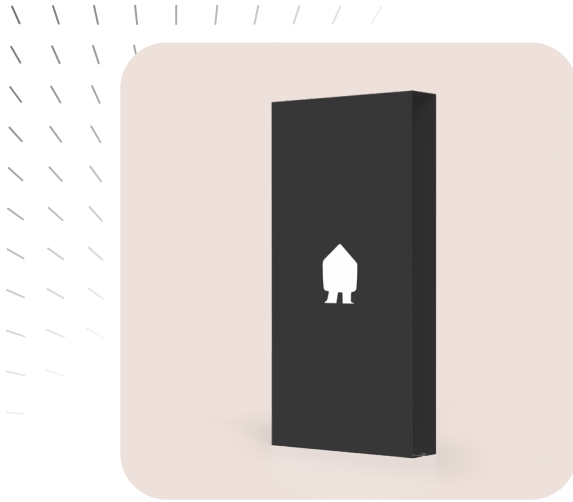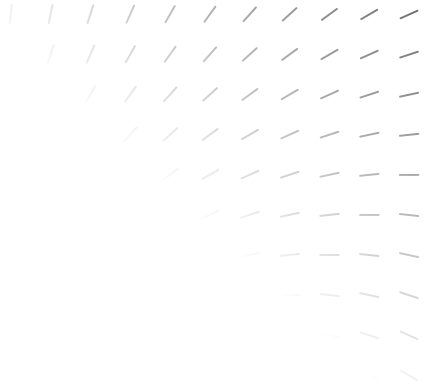# Smappee EV Base

EV charging for home and business

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

Essential charging features of the EV Base:

- 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

1200 mm × 600 mm × 150 mm

Weight

- Charging station with sockets: 33 kg
- Charging station with cables: 39.5 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

Enclosure

- Material: Magnelis (rear plate), aluminium (front and sides)
- Rating: IP 54 / IK 10
- Standard colours: RAL 9016 (star white) + RAL 7021 (black grey)

Integrated Residual Current Protection

Per charging point:
6 mA DC RCM and 30 mA AC RCD type A

Required External Protection

Per charging point: circuit breaker of maximum 40 A, type B or C

Charging

- Main power: 230 V/400 V, 32 A
- Maximum nominal power per charging point:
  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, optional Pay Station
- Information status: RGB LED
- MID metering, certified class B

Connectors

2 x fixed cable with type 2 connector
or 2 x type 2 socket with shutter

smappee