

# Smappee EV Ultra Dual



The Smappee EV Ultra is a ground-mounted fast charger with two CCS2 connectors. The charging status and instructions are displayed on the integrated screen. This charger features a robust, compact, all-weather enclosure made from high-quality, recyclable materials. It also includes LED lighting for enhanced visibility and security.

Unlock Smappee's energy intelligence and charging management features with our Business subscription plan\*:

- Maximize renewable energy consumption and improve overall energy efficiency.
- Reduce costs and minimize grid investment with dynamic load management.
- Monitor multiple chargers remotely and set up priority charging.
- Make chargers public with our CPO add-on, manage rates, and integrate Smappee Pay Station.
- Get over-the-air updates to always have the latest features and improvements and to cope with the cars' firmware changes.

*\*The Business subscription plan is priced per connector and per month. Additional add-ons are available based on your needs.*

## Dimensions

- Charging station: 1,870 mm × 920 mm × 325 mm
- Charging cable: 3.25 m

## Weight

- EV Ultra 40D: 240 kg
- EV Ultra 120D: 340 kg
- EV Ultra anchor: 23 kg

## Operating temperature

-25 °C to 50 °C (derating from 40 °C)

## Storage temperature

-25 °C to 70 °C

## Relative humidity

0 % - 95 %, non-condensing

## Operating altitude

0 - 2,000 m

## Standards

IEC 61851-1, IEC 61851-2-21, IEC 61851-23, ISO 15118-2, ISO 15118-3

## Product certification

CE, optional Eichrecht certified

## Connectivity

- Ethernet 100BASE-T (with fallback to 4G in case of connection loss)
- 4G Modem

## Communication protocol

OCPP 1.6 J, ready for update to OCPP 2.0.1

## Interfaces

- Information status: 6.5" RGB Display
- Session activation: QR code / RFID (Optional Smappee Pay Station)

## Mounting method

Ground, with supplied anchor

## Enclosure

- Material: powder coated Magnelis
- Standard colour: RAL 7021 (black grey), optional customisation

## AC input

- Main power EV Ultra 40D: 3 × 400 V + PE / 120 A
- Main power EV Ultra 120D: 3 × 400 V + PE / 350 A
- Auxiliary power: 3 × 400 V + N / 10 A
- Rated frequency ( $f_N$ ): 50 Hz
- Power factor: > 0.98 at full operating speed
- Efficiency: > 95% at full operating speed
- Always on usage: 41 W

## DC Output

- Nominal power EV Ultra 40D: Charging point: maximum 40 kW Charging station: maximum 80kW
- Nominal power EV Ultra 120D: Charging point: maximum 120 kW Charging station: maximum 240 kW
- DC Plug: CCS2

## Activation method

Unauthenticated, swipe RFID, scan QR code, optional Pay Station