

Smappee EV Ultra 80D



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

Unlock Smappee's energy intelligence and charging management features with our Business Plan*:

- Maximize renewable energy consumption and improve overall energy efficiency.
- Reduce costs and minimise 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 Plan is a subscription plan priced per connector and per month. Additional add-ons are available based on your needs.*

Dimensions

- Charging station: 1870 × 920 × 325 mm
- Cables: 2 × 3.25 m

Weight

- Charging station: 240 kg
- Anchor: 22.5 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 61851-21, ISO 15118,
DIN SPEC 70121

Product certification

CE, optional Eichrecht compliant

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:
2 × 6.5" RGB Display
- Session activation: QR code / RFID
(Optional Smappee Pay Station)

Mounting method

Floor, with supplied anchor

Enclosure

- Material: powder coated steel
- Standard colour: RAL7021 (black grey) optional customization
- Rating: IP 54 / IK 10
- Acoustic noise: 0 dB - 60 dB
- Indoor / outdoor use

Nominal input

- Main power supply: 3P + PE
- Auxiliary power supply: 5G2.5 mm²
- Rated voltage (Un): 400 Vac ± 10 %
- Rated frequency (fn): 50 Hz
- Nominal input current: 120 A
- Power factor: > 98 % at full capacity
- Efficiency: 95.5% at full capacity

DC Output

- Nominal power charging point:
Maximum 40 kW
- Nominal power charging station:
Maximum 80 kW
- Charge mode: Mode 4 (IEC 61851)
- DC Plug: CCS2