

# Smappee EV Base



- Solar optimisation and autonomous overload protection.
- Real-time and historical charging costs.
- Priority charging, multiple rates and easy payment options with QR code or RFID.
- Elegant design, ambient LED lighting.
- Works stand-alone or combined with Smappee Infinity.

The Smappee EV Base is a floor-mounted smart EV charging station with two connectors. The built-in Smappee smart charging functionality ensures optimised self-consumption and autonomous overload protection. Users and operators can receive detailed insights in the charging process and costs via the Smappee App and Dashboard. The Smappee EV Base is easy to install with simple cable configuration and installation wizard. The integrated LED lighting indicates charging status and ensures sufficient visibility in the parking area. It comes with fixed cables, offers multiple payment options via QR codes or RFID and smart EV schedules. Operators can use the Smappee CPO services or connect with any third-party CPO and eMSP.

- **Dimensions:**
  - 1200 × 600 × 150 mm (station)
  - 2 × 2500 mm (charging cables)
- **Weight:** 20 kg (28 kg incl. 2 cables)
- **Operating temperature:** -25 °C to 60 °C
- **Storage temperature:** -25 °C to 80 °C
- **Relative humidity:** 0 % - 95 %, non-condensing
- **Standards:** IEC 61851-1 [2017]
- **Product certifications:** CE
- **Integrated Residual Current Monitor (RCM):**  
Rated operating residual current detection:  
6mA DC / 30 mA AC (per connector)
- **Connectivity:**
  - Wi-Fi 2.4 GHz
  - Ethernet 100BASE-T
  - LTE CAT M1 or NB2
  - Communication protocol: OCPP 1.6 J
- **Charging:**
  - Maximum charging capacity: Single or 3 phase, 3.7 to 22 kW per connector
  - Charge mode: Mode 3 (IEC 61851)
  - Charging activation: QR code / Plug and charge / RFID
  - Information status: RGB LED
  - MID consumption monitoring
- **Enclosure:**
  - Material: aluminium (structure), outdoor high-pressure laminate (casing)
  - Rating: IP55 / IK10
  - Standard colours: RAL9016 (star white) + RAL7021 (black grey)
- **Connectors:**
  - Connection case: 2 × case C (fixed cable), 2 charging cables with type 2 connector
- **Mounting method:** Floor