

Smappee EV Line Product Catalogue

The smartest charging solution
for any situation



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Smappee EV Line: truly intelligent EV charging

Optimal use of your power thanks to load balancing for AC and DC charging

The Smappee EV Line offers unique smart charging solutions for both homes and businesses and AC and DC charging. Thanks to Smappee's integrated smart energy management technology, EV Line charging stations are equipped with dynamic load balancing and overload protection.

Up to 6x cheaper by charging with solar or off-peak power.

Smappee offers a simple way to maximise the use of renewable energy throughout the day for each charging session. In this way, you optimise your self-sufficiency and save costs. When solar is not available, Smappee considers off-peak energy or dynamic and capacity rates to charge the cars with the cheapest energy and keep your load peaks under control.

Scalable and future-proof

Smappee EV Line charging stations are compatible with Smappee Infinity. This way you can optimise your energy consumption and your charging square will be in perfect harmony with your other energy flows. Want more charging stations or more control over time? No problem. Build on your existing installation via the modular Smappee ecosystem. Thanks to the over-the-air updates you will never have to worry about outdated technology.



A charging solution for every home charging need

	Home		
	 EV One^{HOME} Smart charging	 EV Wall^{HOME} Smart charging	 EV Wall^{LITE} Basic charging
Charge mode	AC	AC	AC
Max charging capacity	3 phase, up to 22 kW	1 or 3 phase, up to 7.4 or 22 kW	3 phase, up to 22 kW
Connectors	Socket	Socket or cable 8 m	Socket
Mounting method	Floor	Wall-mounted	Wall-mounted
Dimensions	1100 x 120 x 120 mm	300 x 300 x 110 mm	300 x 300 x 110 mm
Colour	RAL 7021 (black grey)	RAL 9016 (star white) or RAL 7021 (black grey)	RAL 9016 (star white)
Use	Home	Home	Home
Features & services			
Overload protection	Autonomous	Autonomous	Fixed max current
Building energy management	Included	Included	No
Solar optimisation	Included	Included	No
Charging cost optimisation (off-peak, dynamic, capacity)	Included	Included	No
App / Dashboard	Included	Included	Limited
Charging data	Included	Included	No
Over-the-air-updates	Included	Included	Included
Upgradable	Included	Included	Yes
Connectivity	Wi-Fi, Ethernet	Wi-Fi, Ethernet	Wi-Fi, Ethernet
Session activation	RFID, QR code	RFID, QR code	RFID, QR code

A charging solution for every business charging need

	Business			
	 EV One ^{BUSINESS} Compact smart charging at business	 EV Wall ^{BUSINESS} Compact smart charging at business	 EV Base Smart charging at business	 EV Ultra Fast DC charging at squares
Charge mode	AC	AC	AC	DC fast charging
Max charging capacity	3 phase, up to 22 kW	3 phase, up to 22 kW	2 x 3 phase, up to 22 kW	80 - 480 kW
Connectors	Socket	Socket or cable 8 m	2 sockets or cables 5 m	Cable(s) 3.25 m
Mounting method	Floor	Wall-mounted	Floor	Floor
Dimensions	1100 x 120 x 120 mm	300 x 300 x 110 mm	1200 x 600 x 150 mm	1860 x 920 x 325 mm
Colour	RAL 7021 (black grey)	RAL 9016 (star white) or RAL 7021 (black grey)	RAL 9016 (star white) or RAL 7021 (black grey)	RAL 7021 (black grey)
Use	Charging square	Charging square	Charging square	Charging square
Features & services				
Overload protection	When combined with Infinity	When combined with Infinity	When combined with Infinity	When combined with Infinity
Building energy management	When combined with Infinity	When combined with Infinity	When combined with Infinity	When combined with Infinity
Solar optimisation	When combined with Infinity	When combined with Infinity	When combined with Infinity	N/A
Charging cost optimisation (off-peak, dynamic, capacity)	When combined with Infinity	When combined with Infinity	When combined with Infinity	N/A
App / Dashboard	Included	Included	Included	Included
Charging data	Included	Included	Included	Included
Over-the-air-updates	Included	Included	Included	Included
Upgradable	Included	Included	Included	Included
Connectivity	Ethernet	Ethernet	Ethernet	Ethernet, 4G
Session activation	RFID, QR code	RFID, QR code	RFID, QR code	RFID, QR code, optional payment terminal

Powerful EV charging management platform

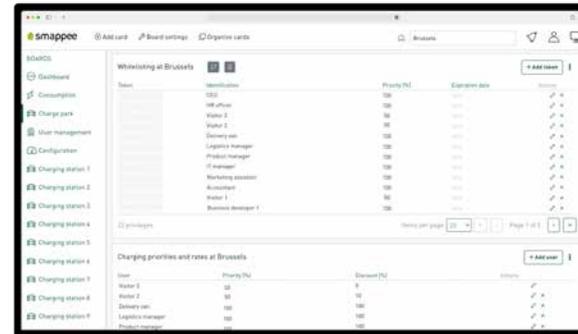
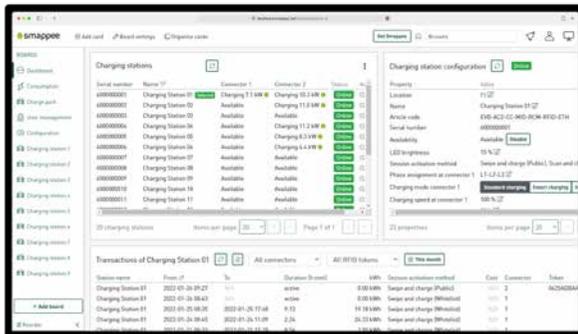
When you buy a Smappee smart charging solution, you also get immediate access to our complete charging management platform. It takes care of all aspects related to electric charging. The Smappee Dashboard offers numerous features that help manage and operate your charging stations or charging square.

Manage each charging point remotely

As soon as you place multiple charging points on your premises where different users come to charge, you need more control. The Smappee smart charging platform offers that control... and more. Use the Smappee Dashboard to add priority charging, set tariffs, close your charging stations outside office hours, etc. In addition, you can track the status of all your charging points in real-time and quickly solve problems remotely.

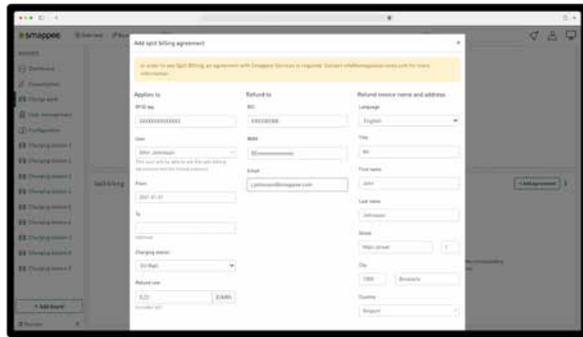
Priorities and whitelisting

Easily manage charging revenues by applying different charging rates and priorities down to user level. Via the Smappee Dashboard you can allocate priorities to the Smappee Smart Charge Cards. That way, your sales team or visitor is on the road again fully charged in no time. Or whitelist the Smappee RFID cards for your employees and visitors to charge for free or at a reduced rate on your charging square.



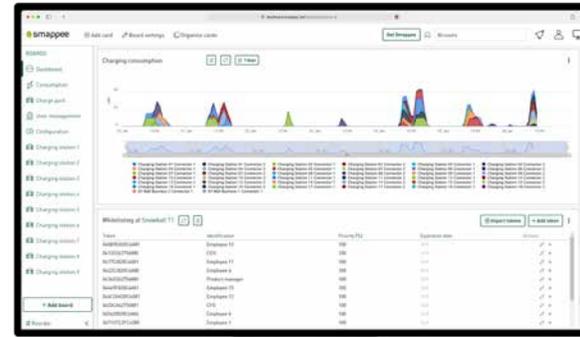
Charging costs and split billing

Get an extensive overview of charging sessions, costs, and revenues per charging point via the Smappee Dashboard. Manage every charging point, on premise or remotely at your employee's house, and easily offer split billing based on the data in the dashboard. That way, you can reimburse your employees for the charges at home or bill them correctly for the charging sessions at your charging square.



Smappee CPO services

Choose Smappee for a simple and easy all-in-one payment solution. The Smappee CPO services take care of the payment and invoicing of the charges at your charging stations. EV drivers can charge using their charge cards. Smappee will then reimburse you for the charges periodically.



Smappee EV One ^{HOME}



- Integrated local autonomous overload protection and solar optimisation.
- Insights and control over charging process and costs.
- Real-time and historical energy data - grid, solar, always-on.
- Control charging sessions with QR code, RFID and smart schedules.
- Easily expandable with Smappee Infinity for more home energy management.
- Secure OCPP and OCPP roaming.

The Smappee EV One Home is a floor-mounted smart EV charging station with one connector, for standalone use at home. Thanks to the integrated Smappee Infinity technology it ensures autonomous overload protection and optimised self-consumption. Receive detailed insights on your energy usage and production, the charging process and costs via the App and Dashboard. The EV One Home is easy to install with simple cable configuration and installation wizard. The integrated LED lighting indicates charging status. Charging sessions can be started and stopped via QR code, RFID and smart EV schedules.

Dimensions:

1100 × 120 × 120 mm

Weight:

- EV One with 1 socket: 11 kg
- Mounting anchor: 1.5 kg

Operating temperature:

-25 °C to 40 °C

Storage temperature:

-25 °C to 60 °C

Relative humidity:

0 % - 95 %, non-condensing

Operating altitude:

0 - 2,000 m

Standards:

IEC 61851-1

Product certifications:

CE

Connectivity:

- Wi-Fi 2.4 GHz
- Ethernet 100BASE-T

Communication protocol:

OCPP 1.6 J, ready for update to OCPP 2.0.1

Mounting method:

Floor

Enclosure:

- Material: Magnelis (structure), aluminium (housing)
- Rating: IP54 / IK10
- Standard colour: RAL7021 (black grey)

Integrated Residual Current Protection:

6 mA DC / 30 mA RCD type A

Required external protection:

Breaker of max. 40 A, type B or C

Integrated Energy Management:

Grid & solar measurements

Charging:

- Maximum charging capacity: 22 kW
- Output power: 3 phase, 230 V/400 V, 32 A
- Charge mode: Mode 3 (IEC 61851)
- Charging activation: QR code / Plug and charge / RFID
- Information status: RGB LED
- kWh meter compliant with IEC 62053-21

Connectors:

1 × type 2 socket

EV One Home - What's in the box?



EV One Home



Splitter



DIN mounting plate



Connect



Wall mounting plate



Quick Starter Guide



Quick Install Guide



CT Hub



CT 50A



RJ10 cable 40 cm



RJ10 cable 150 cm



QR code sticker



Smart Charge Card



Bus termination plug

In case of three phase connection set-up, additional components:



CT 50A



Solid Core 3-phase CT

Smappee EV One BUSINESS



- Solar optimisation and autonomous overload protection.
- Real-time and historical charging costs.
- Control charging sessions with QR code, RFID or smart schedules.
- Integrated MID-meter for MID-graded invoicing.
- Works stand-alone or combined with Smappee Infinity for smart features.
- Secure OCPP and OCPP roaming.

The Smappee EV One Business is a floor-mounted smart EV charging station with one connector, designed for use in a business environment. When combined with Smappee Infinity it ensures autonomous overload protection and optimised selfconsumption. Detailed insights on your charging process and costs can be received via the App and Dashboard. The EV One Business is easy to install with simple cable configuration and an installation wizard. The integrated LED lighting indicates charging status. Multiple payment options are available via QR code or RFID.

Dimensions:

1100 × 120 × 120 mm

Weight:

- EV One with 1 socket: 11.4 kg
- Mounting anchor: 1.5 kg

Operating temperature:

-25 °C to 40 °C

Storage temperature:

-25 °C to 60 °C

Relative humidity:

0 % - 95 %, non-condensing

Operating altitude:

0 - 2,000 m

Standards:

IEC 61851-1

Product certifications:

CE

Connectivity:

Ethernet 100BASE-T

Communication protocol:

OCPP 1.6 J, ready for update to OCPP 2.0.1

Mounting method:

Floor

Enclosure:

- Material: Magnelis (structure), aluminium (housing)
- Rating: IP54 / IK10
- Standard colour: RAL7021 (black grey)

Integrated Residual Current Protection:

6 mA DC / 30 mA RCD type A

Required external protection:

Breaker of max. 40 A, type B or C

Charging:

- Maximum charging capacity: 22 kW
- Output power: 3 phase, 230 V/400 V, 32 A
- Charge mode: Mode 3 (IEC 61851)
- Charging activation: QR code / Plug and charge / RFID
- Information status: RGB LED
- MID metering, certified class B

Connectors:

1 × type 2 socket

EV One Business - What's in the box?



EV One Business



Quick Starter Guide



Quick Install Guide



Smart Charge Card



QR code sticker

Smappee EV Wall LITE



- Real-time and historical charging costs.
- Manually set up overload protection with fixed maximum current.
- Control charging sessions with QR code, RFID.
- Easy and simple to install.
- Secure OCPP and OCPP roaming.

The Smappee EV Wall Lite is a wall-mounted EV charging station with socket for standalone use at home. It provides overload protection by manually setting a fixed maximum current. The EV Wall Lite is easy to install with simple cable configuration and installation wizard. The integrated LED lighting indicates charging status. Charging sessions can be started and stopped via QR code, RFID. Receive detailed insights on your charging process and costs via the Smappee App.

Dimensions:

300 × 300 × 110 mm (station)

Weight:

4,4 kg

Operating temperature:

-25 °C to 40 °C

Storage temperature:

-25 °C to 60 °C

Relative humidity:

0 % - 95 %, non-condensing

Operating altitude:

0 - 2,000 m

Standards:

IEC 61851-1

Product certifications:

CE

Connectivity:

- Wi-Fi 2.4 GHz
- Ethernet 100BASE-T

Communication protocol:

OCPP 1.6 J, ready for update to OCPP 2.0.1

Mounting method:

Wall

Enclosure:

- Material: Magnelis (structure), aluminium (front plate)
- Rating: IP54 / IK10
- Standard colours: RAL9016 (star white) + RAL7021 (black grey)

Integrated Residual Current Protection:

6 mA DC

Required external protection

Breaker of max. 32 A, type B or C
30 mA RCD type A or B (according to local regulations)

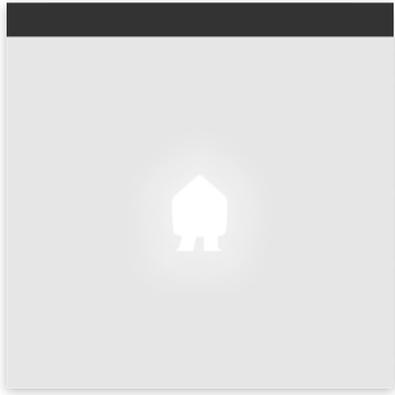
Charging:

- Maximum charging capacity: 22 kW
- Output power: 3 phase, 230 V – 400 V, 32 A
- Charge mode: Mode 3 (IEC 61851)
- Charging activation: QR code / Plug and charge / RFID
- Information status: RGB LED
- kWh meter compliant with IEC 62053-21

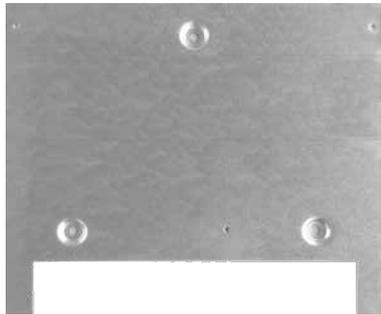
Connectors:

1 × type 2 socket (right) - optional shutter

EV Wall Lite - What's in the box?



EV Wall Lite



EV Wall mounting plate



Quick Starter Guide



Quick Install Guide



Smart Charge Card



Screw & plug



Small screw



QR code sticker

Smappee EV Wall HOME



- Integrated autonomous overload protection and solar optimisation.
- Insights and control over charging process and costs.
- Real-time and historical energy data - grid, solar, always-on.
- Control charging sessions with QR code, RFID and smart schedules.
- Easily expandable with Smappee Infinity for more home energy management.
- Secure OCPP and OCPP roaming.

The Smappee EV Wall Home is a wall-mounted smart EV charging station with one connector, for standalone use at home. Thanks to the integrated Smappee Infinity technology it ensures autonomous overload protection and optimised self-consumption. Detailed insights on your energy usage and production, the charging process and costs, can be found in the App and Dashboard. The EV Wall Home is easy to install with simple cable configuration and installation wizard. The integrated LED lighting indicates charging status. It comes with a fixed cable or socket. Charging sessions can be started and stopped via QR code, RFID and smart EV schedules.

Dimensions:

- 300 × 300 × 110 mm (station)
- Socket or charging cable 8 m with cable holder

Weight:

- EV Wall incl. 1 fixed cable (8 m): 9.3 kg
- EV Wall incl. 1 socket: 4.7 kg
- Cable (8 m) incl. cable holder: 4.9 kg

Operating temperature:

-25 °C to 40 °C

Storage temperature:

-25 °C to 60 °C

Relative humidity:

0 % - 95 %, non-condensing

Operating altitude:

0 - 2,000 m

Standards:

IEC 61851-1

Product certifications:

CE

Connectivity:

- Wi-Fi 2.4 GHz
- Ethernet 100BASE-T

Communication protocol:

OCPP 1.6 J, ready for update to OCPP 2.0.1

Mounting method:

Wall

Enclosure:

- Material: Magnelis (structure), aluminium (front plate)
- Rating: IP54 / IK10
- Standard colours: RAL9016 (star white) + RAL7021 (black grey)

Integrated Residual Current Protection*:

6 mA DC / 30 mA RCD type A

Required external protection

Breaker of max. 40 A, type B or C

Integrated Energy Management:

Grid & solar measurements

Charging:

- Maximum charging capacity: 7.4 to 22 kW
- Output power: Single or 3 phase, 230 V/400 V, 32 A
- Charge mode: Mode 3 (IEC 61851)
- Charging activation: QR code / Plug and charge / RFID
- Information status: RGB LED
- kWh meter compliant with IEC 62053-21

Connectors:

- 1 × fixed cable with type 2 connector (right)
- 1 × type 2 socket (right) - optional shutter

* Shutter version (FR only) does not include 30 mA RCD

Smappee EV Wall HOME BLACK



3 phase with fixed cable in RAL 7021 (black grey).

- Integrated autonomous overload protection and solar optimisation.
- Insights and control over charging process and costs.
- Real-time and historical energy data - grid, solar, always-on.
- Control charging sessions with QR code, RFID and smart schedules.
- Easily expandable with Smappee Infinity for more home energy management.
- Secure OCPP and OCPP roaming.

The Smappee EV Wall Home is a wall-mounted smart EV charging station with one connector, for standalone use at home. Thanks to the integrated Smappee Infinity technology it ensures autonomous overload protection and optimised self-consumption. Detailed insights on your energy usage and production, the charging process and costs, can be found in the App and Dashboard. The EV Wall Home is easy to install with simple cable configuration and installation wizard. The integrated LED lighting indicates charging status. It comes with a fixed cable. Charging sessions can be started and stopped via QR code, RFID and smart EV schedules.

Dimensions:

- 300 × 300 × 110 mm (station)
- Charging cable 8 m with cable holder

Weight:

- EV Wall incl. 1 fixed cable (8 m): 9.3 kg
- Cable (8 m) incl. cable holder: 4.9 kg

Operating temperature:

-25 °C to 40 °C

Storage temperature:

-25 °C to 60 °C

Relative humidity:

0 % - 95 %, non-condensing

Operating altitude:

0 - 2,000 m

Standards:

IEC 61851-1

Product certifications:

CE

Connectivity:

- Wi-Fi 2.4 GHz
- Ethernet 100BASE-T

Communication protocol:

OCPP 1.6 J, ready for update to OCPP 2.0.1

Mounting method:

Wall

Enclosure:

- Material: Magnelis (structure), aluminium (front plate)
- Rating: IP54 / IK10
- Standard colour: RAL7021 (black grey)

Integrated Residual Current Protection:

6 mA DC / 30 mA RCD type A

Required external protection

Breaker of max. 40 A, type B or C

Integrated Energy Management:

Grid & solar measurements

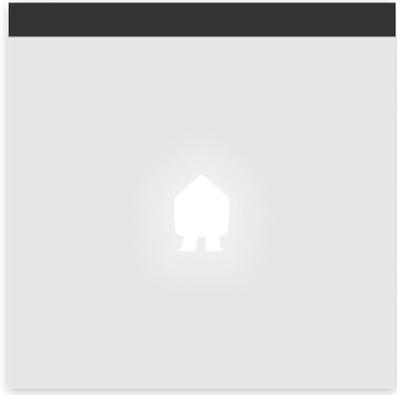
Charging:

- Maximum charging capacity: 22 kW
- Output power: 3 phase, 230 V/400 V, 32 A
- Charge mode: Mode 3 (IEC 61851)
- Charging activation: QR code / Plug and charge / RFID
- Information status: RGB LED
- kWh meter compliant with IEC 62053-21

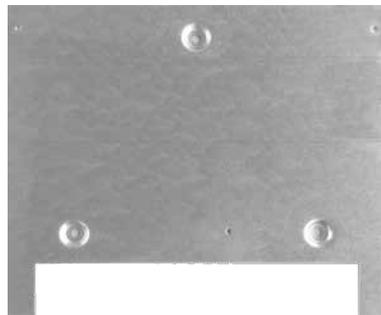
Connectors:

1 × fixed cable with type 2 connector (right)

EV Wall Home - What's in the box?



EV Wall Home



EV Wall mounting plate



Splitter



CT Hub



Bus termination plug

In case of cable version,
additional components:



8m charging cable



DIN mounting
plate



CT 50A



Screw & plug



Cable holder



Connect



RJ10 cable 40 cm



Small screw



Cable gland



Wall mounting
plate



RJ10 cable 150 cm



Cable tie



Quick Starter
Guide



QR code sticker

In case of three phase connection set-up,
additional components:



CT 50A



Quick Install
Guide



Smart Charge Card



Solid Core 3-phase CT

Smappee EV Wall BUSINESS



- Solar optimisation and autonomous overload protection.
- Real-time and historical charging costs.
- Control charging sessions with QR code, RFID or smart schedules.
- Integrated MID-meter for MID-graded invoicing.
- Works stand-alone or combined with Smappee Infinity for smart features.
- Secure OCPP and OCPP roaming.

The Smappee EV Wall Business is a wall-mounted smart EV charging station with one connector, designed for use in a Business environment with multiple chargers. When combined with Smappee Infinity it ensures autonomous overload protection and optimised self-consumption. Detailed insights on your charging process and costs can be found in the App and Dashboard. The EV Wall Business is easy to install with simple cable configuration and installation wizard. The integrated LED lighting indicates charging status. It comes with a fixed cable or socket and offers multiple payment options via QR code or RFID.

Dimensions:

- 300 × 300 × 110 mm (station)
- Socket or charging cable 8 m with cable holder

Weight:

- EV Wall incl. 1 fixed cable (8 m): 9.7 kg
- EV Wall incl. 1 socket: 5.1 kg
- Cable (8 m) incl. cable holder: 4.9 kg

Operating temperature:

-25 °C to 40 °C

Storage temperature:

-25 °C to 60 °C

Relative humidity:

0 % - 95 %, non-condensing

Operating altitude:

0 - 2,000 m

Standards:

IEC 61851-1

Product certifications:

CE

Connectivity:

Ethernet 100BASE-T

Communication protocol:

OCPP 1.6 J, ready for update to OCPP 2.0.1

Mounting method:

Wall

Enclosure:

- Material: Magnelis (structure), aluminium (front plate)
- Rating: IP54 / IK10
- Standard colours: RAL9016 (star white) + RAL7021 (black grey)

Integrated Residual Current Protection*:

6 mA DC / 30 mA RCD type A

Required external protection:

Breaker of max. 40 A, type B or C

Charging:

- Maximum charging capacity: 7.4 to 22 kW
- Output power: Single or 3 phase, 230 V/400 V, 32 A
- Charge mode: Mode 3 (IEC 61851)
- Charging activation: QR code / Plug and charge / RFID
- Information status: RGB LED
- MID metering, certified class B

Connectors:

- 1 × fixed cable with type 2 connector (right)
- 1 × type 2 socket (right) - optional shutter

* Shutter version (FR only) does not include 30 mA RCD

Smappee EV Wall BUSINESS BLACK



3 phase with fixed cable in RAL 7021 (black grey).

- Solar optimisation and autonomous overload protection.
- Real-time and historical charging costs.
- Control charging sessions with QR code, RFID or smart schedules.
- Integrated MID-meter for MID-graded invoicing.
- Works stand-alone or combined with Smappee Infinity for smart features.
- Secure OCPP and OCPP roaming.

The Smappee EV Wall Business is a wall-mounted smart EV charging station with one connector, designed for use in a Business environment with multiple chargers. When combined with Smappee Infinity it ensures autonomous overload protection and optimised self-consumption. Detailed insights on your charging process and costs can be found in the App and Dashboard. The EV Wall Business is easy to install with simple cable configuration and installation wizard. The integrated LED lighting indicates charging status. It comes with a fixed cable and offers multiple payment options via QR code or RFID.

Dimensions:

- 300 × 300 × 110 mm (station)
- Charging cable 8 m with cable holder

Weight:

- EV Wall incl. 1 fixed cable (8 m): 9.7 kg
- Cable (8 m) incl. cable holder: 4.9 kg

Operating temperature:

-25 °C to 40 °C

Storage temperature:

-25 °C to 60 °C

Relative humidity:

0 % - 95 %, non-condensing

Operating altitude:

0 - 2,000 m

Standards:

IEC 61851-1

Product certifications:

CE

Connectivity:

Ethernet 100BASE-T

Communication protocol:

OCPP 1.6 J, ready for update to OCPP 2.0.1

Mounting method:

Wall

Enclosure:

- Material: Magnelis (structure), aluminium (front plate)
- Rating: IP54 / IK10
- Standard colour: RAL7021 (black grey)

Integrated Residual Current Protection:

6 mA DC / 30 mA RCD type A

Required external protection:

Breaker of max. 40 A, type B or C

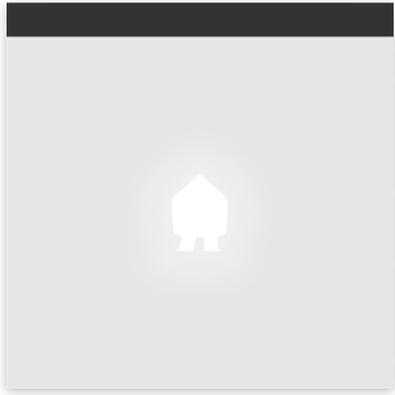
Charging:

- Maximum charging capacity: 22 kW
- Output power: 3 phase, 230 V/400 V, 32 A
- Charge mode: Mode 3 (IEC 61851)
- Charging activation: QR code / Plug and charge / RFID
- Information status: RGB LED
- MID metering, certified class B

Connectors:

1 × fixed cable with type 2 connector (right)

EV Wall Business - What's in the box?



EV Wall Business



Quick Starter Guide



Quick Install Guide



Smart Charge Card



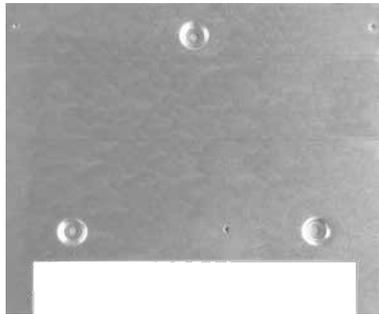
Screw & plug



Small screw



QR code sticker



EV Wall mounting plate

In case of cable version,
additional components:



8m charging cable



Cable holder



Cable gland



Cable tie

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.
- Works stand-alone or combined with Smappee Infinity for smart features.

The Smappee EV Base is a floor-mounted smart EV charging station with two connectors. When combined with Smappee Infinity, it offers smart charging, ensuring optimised self-consumption and autonomous overload protection. Users and operators receive detailed insights in the charging process and costs via the App and Dashboard. The 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 or sockets and offers multiple payment options via QR codes or RFID.

Dimensions:

- 1200 × 600 × 150 mm (station)
- Charging cable 5 m

Weight:

- EV Base station: 34 kg
- Cable 5 m: 3 kg

Operating temperature:

-25 °C to 40 °C

Storage temperature:

-25 °C to 60 °C

Relative humidity:

0 % - 95 %, non-condensing

Operating altitude:

0 - 2,000 m

Standards:

IEC 61851-1

Product certifications:

CE

Connectivity:

Ethernet 100BASE-T

Communication protocol:

OCPP 1.6 J, ready for update to OCPP 2.0.1

Mounting method:

Floor

Enclosure:

- Material: Magnelis (back plate), aluminium (front and sides)
- Rating: IP54 / IK10
- Standard: RAL9016 (star white)
+ RAL7021 (black grey)

Integrated Residual Current Protection:

Per connector:

6 mA DC / 30 mA RCD Type A

Required external protection:

Per connector:

Breaker of max. 40 A, type B or C

Charging:

- Maximum charging capacity: 22 kW per connector
- Output power: 230 V/400 V, 32 A
- Charge mode: Mode 3 (IEC 61851)
- Charging activation: QR code / Plug and charge / RFID
- Information status: RGB LED
- MID metering, certified class B

Connectors:

- 2 × fixed cable with type 2 connector
- 2 x type 2 socket - optional shutter

Smappee EV Base ^{BLACK}



3 phase with two sockets in RAL 7021 (black grey).

- 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.
- Works stand-alone or combined with Smappee Infinity for smart features.

The Smappee EV Base is a floor-mounted smart EV charging station with two connectors. When combined with Smappee Infinity, it offers smart charging, ensuring optimised self-consumption and autonomous overload protection. Users and operators receive detailed insights in the charging process and costs via the App and Dashboard. The 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 two sockets and offers multiple payment options via QR codes or RFID.

Dimensions:

1200 × 600 × 150 mm (station)

Weight:

EV Base station: 34 kg

Operating temperature:

-25 °C to 40 °C

Storage temperature:

-25 °C to 60 °C

Relative humidity:

0 % - 95 %, non-condensing

Operating altitude:

0 - 2,000 m

Standards:

IEC 61851-1

Product certifications:

CE

Connectivity:

Ethernet 100BASE-T

Communication protocol:

OCPP 1.6 J, ready for update to OCPP 2.0.1

Mounting method:

Floor

Enclosure:

- Material: Magnelis (structure), aluminium (back plate)
- Rating: IP54 / IK10
- Standard: RAL7021 (black grey)

Integrated Residual Current Protection:

Per connector:

6 mA DC / 30 mA RCD Type A

Required external protection:

Per connector:

Breaker of max. 40 A, type B or C

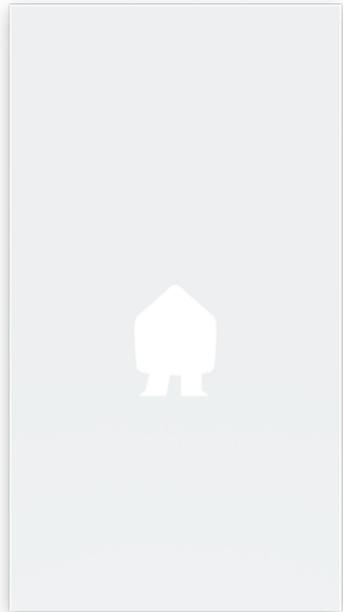
Charging:

- Maximum charging capacity: 22 kW per connector
- Output power: 230 V/400 V, 32 A
- Charge mode: Mode 3 (IEC 61851)
- Charging activation: QR code / Plug and charge / RFID
- Information status: RGB LED
- MID metering, certified class B

Connectors:

2 x type 2 socket

EV Base - What's in the box?



EV Base unit



Floor plate



x2

QR code sticker



Quick Install Guide



x4

Concrete anchors



x4

Washers



x4

Screws



x4

Washers

In case of fixed cable version:



x2

Open-ended 5m charging cable



x2

Cable gland



x2

Cable tie

Smappee EV Ultra



- Fast DC charging for CCS2 vehicles.
- Dynamic and cluster load balancing of Smappee EV Line.
- Priority charging, multiple rates and easy payment options with QR code, RFID or a payment terminal.
- Elegant and compact design with LED lighting for increased visibility and security.
- Easy smart charging management with one single platform.

The Smappee EV Ultra is a floor-mounted fast charger with one or two CCS2 connectors. When combined with Smappee Infinity it ensures autonomous overload protection. Smappee's smart charging platform offers users and operators detailed data on the charging process and costs and allows for remote control over multiple charging points. Payments are made via QR code or RFID token and a payment terminal can be added. Charging status and how to charge is visible on the display. The EV Ultra has a robust and compact all weather enclosure made of high-quality materials. It's modular set-up and over-the-air updates make the EV Ultra durable and future-proof.

Charging cable:

- Length: 3,25 m
- Weight: 9,5 kg

Operating temperature:

- 25 °C to 50 °C (derating from 40 °C)

Storage temperature:

- 25 °C to 70 °C

Relative humidity:

- 0 % to 95 %, non-condensing

Operating altitude:

- 0 to 2,000 m

Standards:

- IEC 61851-21, ISO 15118, DIN SPEC 70121

Product certifications:

- CE, 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: 6.5" RGB Display
- Session activation: QR code / RFID (Optional payment terminal)

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 - 700 A
- Power factor: > 98 % at full capacity
- Efficiency: 95 % at full capacity

DC Output:

- Charge mode: Mode 4 (IEC 61851)
- DC Plug: CCS2
- Connection case: Case C (fixed cable)
- Maximum current: 500 A (boost mode)

Smappee EV Ultra versions



ULTRA 480D

- 2 x 240 kW
- 1870 x 920 x 650 mm
- 660 kg
- 2 cables
- 2 dynamic displays
- Input current: 700 A

ULTRA 240S

- 240 kW
- 1870 x 920 x 325 mm
- 240 kg
- 1 cable
- 1 dynamic display
- Input current: 350 A

ULTRA 240D

- 2 x 120 kW
- 1870 x 920 x 325 mm
- 240 kg
- 2 cables
- 2 dynamic displays
- Input current: 350 A

ULTRA 80D

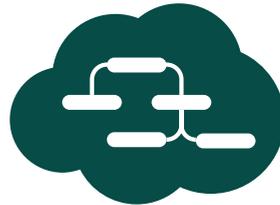
- 2 x 40 kW
- 1870 x 920 x 325 mm
- 240 kg
- 2 cables
- 2 dynamic displays
- Upgradable to 240D
- Input current: 120 A

EV business basic set-up



Infinity

Dynamic load balancing
Solar optimisation
Autonomous overload protection



Cloud

Internet connectivity via
ethernet (preferred), Wi-Fi or 4G



EV One
Business



EV Wall
Business



EV Base



EV Ultra



App and Dashboard

For control over charging stations
and energy use.

Smappee EV Line product overview.

EV One ^{HOME}

	EAN	Description	Sales Price
EVO-332-B-E-B	5425036934054	EV One Home 3-Phase 22 kW	Contact your Smappee Business Developer

EV One ^{BUSINESS}

	EAN	Description	Sales Price
EVOB-332-B-E-B	5425036934061	EV One Business 3-Phase 22 kW	Contact your Smappee Business Developer

Smappee EV Line product overview.

EV Wall ^{LITE}

	EAN	Description	Sales Price
EVWL-332-BR-E-W	5425036933989	EV Wall Lite White 3-Phase 22 kW Socket	Contact your Smappee Business Developer
EVWL-332-BSR-E-W	5425036933996	EV Wall Lite White 3-Phase 22 kW Socket with shutter	

EV Wall ^{HOME}

	EAN	Description	Sales Price
EVW-132-BR-E-W	5425036931916	EV Wall Home White 1-Phase 7.4 kW Socket	Contact your Smappee Business Developer
EVW-132-BSR-E-W	5425036932722	EV Wall Home White 1-Phase 7.4 kW Socket with shutter	
EVW-132-C8R-E-W	5425036931992	EV Wall Home White 1-Phase 7.4 kW Type 2 cable 8 m with cable holder	
EVW-332-BR-E-W	5425036932036	EV Wall Home White 3-Phase 22 kW Socket	
EVW-332-BSR-E-W	5425036932739	EV Wall Home White 3-Phase 22 kW Socket with shutter	
EVW-332-C8R-E-W	5425036932111	EV Wall Home White 3-Phase 22 kW Type 2 cable 8 m with cable holder	
EVW-332-C8R-E-B	5425036932128	EV Wall Home Black 3-Phase 22 kW Type 2 cable 8 m with cable holder	

EV Wall ^{BUSINESS}

	EAN	Description	Sales Price
EVWB-332-BR-E-W	5425036932159	EV Wall Business White 3-Phase 22 kW Socket	Contact your Smappee Business Developer
EVWB-332-BSR-E-W	5425036932746	EV Wall Business White 3-Phase 22 kW Socket with shutter	
EVWB-332-C8R-E-W	5425036932234	EV Wall Business White 3-Phase 22 kW Type 2 cable 8 m with cable holder	
EVWB-332-C8R-E-B	5425036932241	EV Wall Business Black 3-Phase 22 kW Type 2 cable 8 m with cable holder	

EV Base

	EAN	Description	Sales Price
EVB-2332-B-E	5425036932272	EV Base White 3-Phase 2 x 22 kW Socket	Contact your Smappee Business Developer
EVB-2332-B-E-B	5425036934184	EV Base Black 3-Phase 2 x 22 kW Socket	
EVB-2332-BS-E	5425036932753	EV Base White 3-Phase 2 x 22 kW Socket with shutter	
EVB-2332-C5-E	5425036932296	EV Base White 3-Phase 2 x 22 kW Type 2 cable 5 m	

EV Ultra

	EAN	Description	Sales Price
EVU-80D-C3-B	5425036934368	EV Ultra 80D	Contact your Smappee Business Developer
EVU-240D-C3-B	5425036934382	EV Ultra 240D	
EVU-240S-C3-B	5425036934344	EV Ultra 240S	
EVU-480D-C3-B	5425036934405	EV Ultra 480D (240 kW + 240 kW)	

Accessories

	EAN	Description	Sales Price
EVW-SOLAR	5425036932364	Solar add-on (1 x Smappee CT Hub + 2 x 50 A Current Transformers)	Contact your Smappee Business Developer
EV-100A-KIT	5425036934009	EV Line 100 A Kit	
EV-RFID-CARDS-10	5425036931879	RFID package of 10 Smappee RFID cards	
EV-CBL-HOLDER	542503693346	EV Line cable holder	
EVW-COVER-W	542503693353	EV Wall White front plate	

Extended warranty

	EAN	Description	Sales Price
EVW-WARRANTY-5	5425036932593	Warranty package EV Wall (extension to 5 years)	Contact your Smappee Business Developer
EVO-WARRANTY-5	5425036934016	Warranty package EV One (extension to 5 years)	
EVB-WARRANTY-5	5425036934023	Warranty package EV Base (extension to 5 years)	
EVBU-WARRANTY-5	5425036934030	Warranty package EV Ultra (extension to 5 years)	

Charging Packages

Charge Point Operator Smappee - Make your EV Charger available for third parties

- Smappee CPO services, allowing 3rd party RFID cards
- Invoiced/credited monthly

Offered by Smappee Services more info how to enable on Smappee Help Center.

Split billing - Reimburse your employees for the charges at home

- Smappee Split billing - charge with assigned RFID Card
- Invoiced/credited monthly

Offered by Smappee Services more info how to enable on Smappee Help Center.

Contact your Smappee Business Developer for pricing

EV Line dummy charging stations

	EAN	Description	Sales Price
DUMMY-EVB-2B	5425036933675	Dummy EV Base 2 x Socket	Contact your Smappee Business Developer
DUMMY-EVB-2BS	5425036933682	Dummy EV Base 2 x Socket with shutter	
DUMMY-EVB-2C5	5425036933682	Dummy EV Base 2 x Type 2 cable 5m	
DUMMY-EVW-BR	5425036933156	Dummy EV Wall Socket	
DUMMY-EVW-BSR	5425036933224	Dummy EV Wall Socket with shutter	
DUMMY-EVW-C8R	5425036933224	Dummy EV Wall Type 2 cable 8m	
DUMMY-EVO	5425036934085	Dummy EV One	

Dummy charging stations have a working LED, but cannot charge an electric car.

General terms and conditions

www.smappee.com/conditions