

Charging system for electric vehicles

SENEC.Wallbox dpm

Compact, flexible, smart



SENEC.Wallbox dpm and dpm3



The SENEK.Wallbox dpm and dpm3 are extremely versatile and intelligent electric vehicle charging systems.

They adapt to different charging and installation requirements, distinguishing themselves by one of the most compact formats on the market, offering quick and easy installation and maximum safety.

They can be equipped with a DPM sensor to regulate the charging power and avoid blackouts.

Flexibility

They can be connected in single-phase (dpm and dpm3) or three-phase (dpm3) and can be configured to different charging powers. They can be installed both indoors and outdoors and can operate across a wide temperature range.

Easy installation

Installation is quick and easy. The basic dpm version only needs to be fixed with 3 screws and then connected to an electrical socket.

Compact design

Assembly is simple and, thanks to their low weight and small footprint, they can be positioned anywhere, their elegant, minimalist design making them suitable for any environment.

Maximum safety

Equipped with a temperature sensor, which interrupts operation in the event of overtemperature, and a polycarbonate cover with the lowest degree of flammability.

Dynamic power management



The sensor for dynamic power regulation (DPM – Dynamic Power Management)*, allows the SENEK.Wallbox dpm to modulate charging power according to the power available in the home. This makes it possible to recharge an electric car while other household appliances are in use, without the possibility of a blackout.

*The DPM sensor, which can only be installed by a qualified technician, is included in the scope of delivery of the SENEK.Wallbox dpm. It must be ordered separately for the SENEK.Wallbox dpm3.

SENEC.Wallbox dpm



- Single-phase.
- Power 2.3 or 7.4 kW.
- Charging cable included (3 m).
- LED operation indicator.
- Weight only 4 kg.
- IP54.
- Connection via Bluetooth.
- Monitoring via app.
- DPM sensor included.

Simple,
safe,
elegant.



SENEC.Wallbox dpm3



- Single-phase or three-phase.
- Power from 7.4 to 22 kW.
- Touch screen display.
- Connection via Bluetooth, Wi-Fi or 4G.
- IP55.
- Socket with integrated protection shutter.
- Monitoring and management via app.
- DPM sensor (can be ordered separately).

Even smarter!



RFID Technology

Equipped with RFID technology to enable joint use by up to 5 users, allowing for shared use within a residential building or company.



Multiple connection

Can be installed individually or in a group, via the master-slave configuration.



OCPP Protocol

The integrated OCPP communication protocol makes it fully compatible with most remote management software.

Advanced app



Users can access a range of useful features, such as remote management or charging process monitoring, using the dedicated app, which also allows them to locate the more than 280,000 charging stations in Europe's F2MeS network and recharge their cars there.

Remote management

- Start/stop charging
- Charging schedule

Settings

- Maximum charging power
- RFID card association

Charging station network

- Search for available stations
- Access, charging and payment

Monitoring

- Charging status
- Charging history
(time and energy used)

Notifications

- End of charging session
- Errors in the charging process

Technical characteristics

	SENEC.Wallbox dpm	SENEC.Wallbox dpm3
Max. charging power	2.3 kW or 7.4 kW (limited to 6 kW for Italy)*	Up to 7.4 single-phase Up to 22 kW three-phase
Max. charging current	10 A (2.3 kW) 32 A, limited to 26 A for Italy (7.4 kW)	Up to 32 A
Output voltage	230 V/50 Hz, single-phase	230 V/50-60 Hz single-phase 400 V/50-60 Hz three-phase
Connection type	Type 2 connector	
Charging cable	Included in scope of delivery (3 m)	Not included in scope of delivery
Dynamic power management (DPM)	Yes, once the dedicated sensor has been installed.	
	Sensor included	Sensor must be ordered separately
Protection		
Residual current monitoring	Yes, 6 mA DC RCM device included for earth fault detection	
Overtemperature protection	Yes	
Fire safety	UL94 V-0	UL94 V-0 GWFI 960
Charge monitoring and function display		
Bluetooth	Yes	
Operation status display	Colour LED bar	3.5" touchscreen display
WiFi	No	Yes
4G/LTE	No	Yes
App	Yes	Yes
RFID reader	No	Yes
Operating conditions		
Operating temperature	-25 / +50 °C (without direct exposure to solar radiation)	
Protection class	IP54	IP55
Over voltage category	OVCIII	
Pollution degree	PD3	
Degree of protection against impact	IK08	
Maximum installation altitude	2,000 m above sea level	
Type of installation	Wall-mounted	Wall-mounted or on a dedicated base
Type of fixing	With 3 screws and rawl plugs (supplied)	
Material	Polycarbonate	
Dimensions (H × W × D)	335 × 277 × 95 (without connector) 335 × 277 × 350 (with connector)	403 × 336 × 190 (without connector)
Weight	approx. 4 kg	approx. 5 kg

Standards and certifications

IEC 61851, TÜV certified

Warranty

2 years

*Upgrading to 7.4 kW is possible if carried out by a qualified installer, using a suitable cable and pin code.