



Smart Charging Solutions

Product catalog 2025



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Accessories

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The information in this document is subject to change according to Wallbox's portfolio updates.
Contact your sales representative regarding changes and updates.

We are Wallbox

Our mission is to revolutionise the way people charge their electric vehicles by delivering best-in-class, end-to-end charging solutions tailored to the diverse needs of all players along the value chain.

Through cutting-edge technology, strategic partnerships, and exceptional customer experience, we aim to accelerate the adoption of electric mobility everywhere and enable a more sustainable world for generations to come.

Wallbox's global footprint



Founded in 2015 and headquartered in Barcelona, the company now employs approximately 1,000 people in its offices in Europe, Asia, and the Americas. For additional information, please visit **www.wallbox.com**.

An end to end EV charging partner

Setting our partners up for success requires great products and exceptional support. To accomplish this, we've created a portfolio of products and services to deliver a all encompassing user package, consisting of:

Hardware

A full range of chargers and accessories to choose from, to meet every charging need.

Software

Software solutions which allow full control over all chargers.

Energy management

Intelligent functions that integrate homes, facilities and charger power consumption.

Training

We help you prepare for the installation and setup of our products.

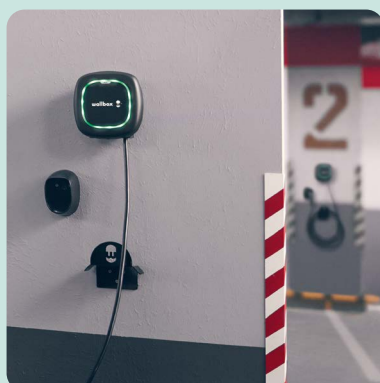
Customer Service

If doubts or issues arise, our service team is there to support you and ensure your success in using our products.

No matter which sector you need to provide solutions for, working with us, you will be enabled to offer the right EV charging solutions to your customers.

Home charging

Compact and intuitive charging solutions designed to make electric driving even easier.



Business charging

Robust and flexible solutions that group chargers, charging backend including automated payments.



Public charging

Fast charging solutions that ensure the highest uptime, as well as a user-centric charging experience.



Our AC chargers

Pulsar Plus

**Powerful**

Up to 22 kW.

**Compact**

Small, light design.

**Connected**

Wi-Fi and Bluetooth.

**Control from anywhere**

Remote access with Wallbox app.



Product Details

General specifications

Charger Type:	AC
Charging Mode:	Mode 3
Colour:	White or Black
Connector Type:	Type 1 or Type 2
Dimensions (H x L x W):	166 x 163 x 82 mm (without cable)
Weight:	1 kg (without cable)
Cable Length:	5 m (7 m optional)
Operating Temperature:	-25°C to 40°C
Storage Temperature:	-40°C to 70°C

Connectivity & user interface

Connectivity:	Wi-Fi / Bluetooth
User Identification:	Wallbox app
User Interface:	Wallbox app & portal
Charger Status Information:	Halo RGB LED / Wallbox app & portal
Optional EMS:	Solar Charging ¹ , Dynamic Load Management, Static Load Management, MID Meter
Communication Platform:	Wallbox app/ OCPP

Electrical specifications

Maximum Charging Power:	7,4 kW (1Phase) / 22 kW (3Phase)
Rated Voltage AC $\pm 10\%$:	220 V to 240 V (7,4 kW) / 400 V (11 kW and 22 kW)
Rated Current:	32 A (7,4 kW - 1Phase) / 16 A (11 kW - 3Phase) / 32 A (22 kW - 3Phase)
Cable Width:	up to 3x10mm ²
Configurable Current:	from 6 A to rated current
Protection Rating:	IP54 / IK08
Residual Current Detection:	AC 30 mA / DC 6 mA

¹ Not compatible with OCPP backends nor multiple-charger installations

Order codes Pulsar Plus

Customer Code	EAN Barcode	Power	Cable length	Type	Colour
PLP1-0-1-2-9-001	8436575273228	7.4 kW	5 m	Type 1	White
PLP1-0-1-2-9-002	8436575273235	7.4 kW	5 m	Type 1	Black
PLP1-0-2-2-9-001	8436575273242	7.4 kW	5 m	Type 2	White
PLP1-0-2-2-9-002	8436575273259	7.4 kW	5 m	Type 2	Black
PLP1-M-2-2-9-002	8436575277165	7.4 kW	7 m	Type 2	Black
PLP1-0-2-3-9-001	8436575275109	11 kW	5 m	Type 2	White
PLP1-0-2-3-9-002	8436575275116	11 kW	5 m	Type 2	Black
PLP1-M-2-3-9-002	8436575277219	11 kW	7 m	Type 2	Black
PLP1-0-2-4-9-001	8436575273266	22 kW	5 m	Type 2	White
PLP1-0-2-4-9-002	8436575273273	22 kW	5 m	Type 2	Black
PLP1-M-2-4-9-001	8436575275857	22 kW	7 m	Type 2	White
PLP1-M-2-4-9-002	8436575275840	22 kW	7 m	Type 2	Black

Order codes Pulsar Plus kits

Solar charging and Dynamic Load Management out of the box with Pulsar Plus kits.

Each kit unit includes:



1x Pulsar Plus unit
(black or white)



1x Power meter unit
(clamp or direct)



1x Cable dock unit
(black or white)

Customer Code	EAN Barcode	Charger	Meter	Cable dock
K1PLP1-0-2-2-9-001	8436607541219	7.4 kW / 5 m / Type 2 / White	Clamp 1P / 100 A	White
K1PLP1-0-2-2-9-002	8436607541202	7.4 kW / 5 m / Type 2 / Black	Clamp 1P / 100 A	Black
K1PLP1-0-2-4-9-001	8436607541196	22 kW / 5 m / Type 2 / White	Direct 3P / 65 A	White
K1PLP1-0-2-4-9-002	8436607541189	22 kW / 5 m / Type 2 / Black	Direct 3P / 65 A	Black

Check all the compatible accessories in the Pulsar family accessories section.

Our AC chargers

Pulsar Plus Socket

**Versatile**

Type 2 socket for charging any EV

**Compact**

Small, light design.

**Connected**

Wi-Fi and Bluetooth.

**Control from anywhere**

Remote access with Wallbox app.



Product Details

General specifications

Charger Type:	AC
Charging Mode:	Mode 3
Colour:	Matt black
Connector Type:	Socket (Type 1 and Type 2)
Dimensions (H x L x W):	204.3 x 313 x 142.5 mm
Weight:	2.5 kg
Operating Temperature:	-30°C to 40°C
Storage Temperature:	-40°C to 70°C

Connectivity & user interface

Connectivity:	Wi-Fi / Bluetooth
User Identification:	Wallbox app
User Interface:	Wallbox app & portal
Charger Status Information:	Halo RGB LED / Wallbox app & portal
Included features:	Charging cable locking
Optional EMS:	Solar Charging ¹ , Dynamic Load Management, Static Load Management, MID Meter
Communication Platform:	Wallbox app / OCPP

Electrical specifications

Maximum Charging Power:	7,4 kW (1Phase) / 22 kW (3Phase)
Rated Voltage AC $\pm 10\%$:	220 V to 240 V (7,4 kW) / 400 V (11 kW and 22 kW)
Rated Current:	32 A (7,4 kW - 1Phase) / 16 A (11 kW - 3Phase) / 32 A (22 kW - 3Phase)
Cable Width:	up to 10 mm ²
Configurable Current:	from 6 A to rated current
Protection Rating:	IP55 / IK10
Residual Current Detection:	AC 30 mA / DC 6 mA

¹ Not compatible with OCPP backends nor multiple-charger installations

Pulsar Plus Socket order codes

Customer Code	EAN Barcode	Power	Cable length	Type	Colour
PSP1-W-2-4-9-002	8436607543435	22 kW	Shutter	Type 2	Matt black

Our AC chargers

Pulsar Max

**Advanced CPU**

Increased performance.

**Resistant**

Protected against impact, water or dust.

**Easy to Install**

Mechanical installation in less than 5 min.

**User Centric**

Iconic design and total control via Wallbox app.



Product Details

General specifications

Charger Type:	AC
Charging Mode:	Mode 3
Colour:	White or Black
Connector Type:	Type 2 Tethered or socket (with shutter)
Dimensions (H x L x W):	Tethered: 201 x 99 x 198 mm (without cable) Socket: 313 x 142,5 x 204,3 mm
Weight:	Tethered: 1.3 kg (without cable) Socket: 2.5 kg
Cable length (tethered):	5 m (7m optional)
Operating Temperature:	-30°C to 50°C ²
Storage Temperature:	-40°C to 70°C

Connectivity & user interface

Connectivity:	Wi-Fi / Bluetooth
User Identification:	Wallbox app & portal
User Interface:	Wallbox app & portal
Charger Status	Halo RGB LED /
Information:	Wallbox app & portal
Included EMS:	Static Load Management
Optional EMS:	Solar Charging ¹ , Dynamic Load Management, MID Meter
Communication Platform:	Wallbox app & portal / OCPP / Partner API and SDK

Electrical specifications

Maximum Charging Power:	7,4 kW (1Phase) / 22 kW (3Phase)
Rated Voltage AC $\pm 10\%$:	220 V to 240 V (7,4kW) / 400 V (11kW and 22kW)
Rated Current:	32 A (7,4 kW - 1Phase) / 16 A (11 kW - 3Phase) / 32 A (22 kW - 3Phase)
Cable Width:	up to 13 mm ²
Configurable Current:	from 6 A to rated current
Protection Rating:	IP55 / IK10
Residual Current Detection:	DC 6 mA

¹ Not compatible with OCPP backends nor multiple-charger installations. ² The charger will operate at full capacity up to 40°C. Above 40°C, derating may apply.

Pulsar Max order codes

Customer Code	EAN Barcode	Power	Connector	Cable length	Colour
PLP2-O-1-2-9-001	8436575279305	7.4kW	Type 1 tethered	5M	White
PLP2-O-1-2-9-002	8436575278698	7.4kW	Type 1 tethered	5M	Black
PLP2-O-2-2-9-001	8436575279299	7.4kW	Type 2 tethered	5M	White
PLP2-O-2-2-9-002	8436575278155	7.4kW	Type 2 tethered	5M	Black
PLP2-M-2-2-9-001	8436575279282	7.4kW	Type 2 tethered	7M	White
PLP2-M-2-2-9-002	8436575278162	7.4kW	Type 2 tethered	7M	Black
PLP2-O-2-4-9-001	8436575279275	22kW	Type 2 tethered	5M	White
PLP2-O-2-4-9-002	8436575278179	22kW	Type 2 tethered	5M	Black
PLP2-M-2-4-9-001	8436575279268	22kW	Type 2 tethered	7M	White
PLP2-M-2-4-9-002	8436575278186	22kW	Type 2 tethered	7M	Black
PLP4-W-2-2-9-002	8436607547464	7.4 kW	Type 2 socket (with shutter)	-	Black
PLP4-W-2-4-9-002	8436607547471	22 kW	Type 2 socket (with shutter)	-	Black

Pulsar Max kits order codes

Solar charging and Dynamic Load Management out of the box with Pulsar Max kits.

Each kit unit includes:



1x Pulsar Max unit
(black or white)



1x Power meter unit
(clamp or direct)



1x Cable dock unit
(black or white)

Customer Code	EAN Barcode	Charger	Meter	Cable dock
K1PLP2-O-2-2-9-001	8436607541172	7.4 kW / 5 m / Type 2 / White	Clamp 1P / 100 A	White
K1PLP2-O-2-2-9-002	8436607541165	7.4 kW / 5 m / Type 2 / Black	Clamp 1P / 100 A	Black
K1PLP2-O-2-4-9-001	8436607541158	22 kW / 5 m / Type 2 / White	Direct 3P / 65 A	White
K1PLP2-O-2-4-9-002	8436607541141	22 kW / 5 m / Type 2 / Black	Direct 3P / 65 A	Black

Check all the compatible accessories in the Pulsar family accessories section.

Our AC chargers

Pulsar Pro

4G Maximum Uptime
4G connectivity for high reliability.

Easy to Share
RFID for easy authentication.

Enhanced Security
Prevents manipulation
and cyber-attacks.

Remote Management
Manage chargers and payments
with Wallbox Business.



Product Details

General specifications

Charger Type:	AC
Charging Mode:	Mode 3
Colour:	Black
Connector Type:	Type 2 Tethered or socket (with shutter)
Dimensions (H x L x W):	Tethered: 201 x 99 x 198 mm (without cable) Socket: 313 x 142.5 x 204.3 mm
Weight:	Tethered: 1.3 kg (without cable) Socket: 2.5kg
Cable Length (tethered):	5 m (7m optional)
Operating Temperature:	-30°C to 50°C ⁴
Storage Temperature:	-40°C to 70°C

Electrical specifications

Maximum Charging Power:	7,4 kW (1Phase) / 11 kW (3Phase) / 22 kW (3Phase)
Rated Voltage AC $\pm 10\%$:	220 V to 240 V (7,4kW) / 400 V (11kW and 22kW)
Rated Current:	32 A (7,4 kW - 1Phase) / 16 A (11 kW - 3Phase) / 32 A (22 kW - 3Phase)
Cable Width:	up to 13 mm ²
Configurable Current:	from 6 A to rated current
Protection Rating:	IP55 / IK10
Internal Metering:	Class A equivalent (Error $\leq 2\%$). Factory calibrated.
Residual Current Detection:	DC 6 mA

Connectivity & user interface

Connectivity:	Integrated 4G / Wi-Fi / Bluetooth / Ethernet ³
User Identification:	RFID / NFC ¹ / Wallbox app
User Interface:	Wallbox app & portal
Charger Status Information:	Halo RGB LED / Wallbox app & Portal
Included EMS:	Static Load Management
Optional EMS:	Solar Charging ² , Dynamic Load Management, MID Meter
Communication Platform:	Wallbox app / OCPP / Partner API and SDK

¹ Hardware ready. ²Not compatible with OCPP backends nor multiple-charger installations. ³Ethernet is standard for socket version. Contact us regarding availability for the tethered version. ⁴ The charger will operate at full capacity up to 40°C. Above 40°C, derating may apply.

Pulsar Pro order codes

Customer Code	EAN Barcode	Power	Connector	Cable length	Colour
PPR1-O-1-2-K-002	8436607541776	7.4 kW	Type 1 tethered	5M	Black
PPR1-O-2-2-K-002	8436607541790	7.4 kW	Type 2 tethered	5M	Black
PPR1-M-2-2-K-002	8436607541783	7.4 kW	Type 2 tethered	7M	Black
PPR1-O-2-4-K-002	8436607541769	22 kW	Type 2 tethered	5M	Black
PPR1-M-2-4-K-002	8436607541752	22 kW	Type 2 tethered	7M	Black
PPR2-W-2-2-K-002	8436607547495	7.4 kW	Type 2 socket (with shutter)	-	Black
PPR2-W-2-4-K-002	8436607547501	22 kW	Type 2 socket (with shutter)	-	Black

Pulsar Pro - Integrated PEN fault protection

Customer Code	EAN Barcode	Power	Connector	Cable length	Colour
PPR1-O-2-2-T-002	8436607541745	7.4 kW	5 m	Type 2	Black
PPR1-M-2-2-T-002	8436607541738	7.4 kW	5 m	Type 1	Black

Check all the compatible accessories in the Pulsar family accessories section.

Our AC chargers

Pulsar Plus NA



Powerful
Up to 22 kW.



Compact
Small, light design.



Connected
Wi-Fi and Bluetooth.



Control from anywhere
Remote access with Wallbox app.



Contact your sales representative to get more information to purchase our products for the American market.

Product Details

General specifications

Charger Type:	AC
Colour:	Matt black
Connector Type:	SAE J1772 Type 1
Dimensions (H x L x W):	7.8" x 7.9" x 3.9" (without cable)
Weight:	4.4 lbs (without cable)
Cable Length:	25 ft
Operating Temperature:	-22°F to 104°F
Storage Temperature:	-40°F to 158°F

Connectivity & user interface

Connectivity:	Wi-Fi / Bluetooth
User Identification:	Wallbox app
User Interface:	Wallbox app & portal
Charger Status Information:	Halo RGB LED / Wallbox app & portal
Optional EMS:	Solar Charging ^{1,2} , Dynamic Load Management ² , Static Load Management
Communication Platform:	Wallbox app / OCPP

Electrical specifications

Maximum Charging Power:	9.6 kW (40 A) / 11.5 kW (48 A)
Rated Voltage AC $\pm 10\%$:	240/208 V (Level 2), 60 Hz
Rated Current:	40 A (9.6 kW) / 48 A (11.5 kW)
Configurable Current:	from 6 A to rated current
Environmental rating:	Indoor and Outdoor Installations NEMA Type 4 per UL 50E
Current fault protection:	Integrated CCID20 (Charge current interruption device at 20mA) + Ground monitoring circuit, according to UL 2231

¹ Not compatible with OCPP backends

² Not compatible with multiple-charger installations

Our AC chargers

Pulsar Pro NA

**Advanced CPU**

Increased performance.

**Easy to Share**

RFID for easy authentication.

**Enhanced Security**

Prevents manipulation and cyber-attacks.

**Remote Management**

Manage chargers and payments with Wallbox Business.



Contact your sales representative to get more information to purchase our products for the American market.

Product Details

General specifications

Charger Type:	AC
Colour:	Matt black
Connector Type:	SAE J1772 Type 1
Dimensions (H x L x W):	7.8" x 7.9" x 3.9" (without cable)
Weight:	4.4 lbs (without cable)
Cable Length:	25 ft
Operating Temperature:	-22°F to 104°F
Storage Temperature:	-40°F to 158°F

Electrical specifications

Maximum Charging Power:	9.6 kW (40 A) / 11.5 kW (48 A)
Rated Voltage AC $\pm 10\%$:	240/208 V (Level 2), 60 Hz
Rated Current:	40 A (9.6 kW) / 48 A (11.5 kW)
Configurable Current:	from 6 A to rated current
Environmental rating:	Indoor and Outdoor Installations NEMA Type 4 per UL 50E
Current fault protection:	Integrated CCID20 (Charge current interruption device at 20mA) + Ground monitoring circuit, according to UL 2231

Connectivity & user interface

Connectivity:	Wi-Fi / Bluetooth
User Identification:	RFID / Plug&Charge ¹ / Wallbox app
User Interface:	Wallbox app & portal
Charger Status Information:	Halo RGB LED / Wallbox app & portal
Optional EMS:	Solar Charging ² , Dynamic Load Management, Static Load Management
Communication Platform:	Wallbox app / OCPP

¹ Hardware ready

² Not compatible with OCPP backends nor multiple-charger installations

Our AC chargers

Wallbox ABL eM4

**MID-compliant metering**

Enable revenue generation and charging reimbursement.

**Installed in less than 10 minutes**

Different wiring layouts and quality of life wiring measures.

**Future ready**

ISO15118 and OCPP 2.0.1 ready for current and future needs.

**Single and double outlets**

eM4 is available in Single and Twin models to suit any project need.



Product Details

Input / mains supply

External power supply:	Supply cables up to a maximum of 10 mm ² or cable diameters ≤ 25 mm
Rated voltage:	230 / 400 V (3-phase)
Rated current:	32 A
Rated frequency:	50 Hz
Connection system:	Two lockable Type 2 charging sockets in acc. with IEC 62196-2
Maximum charging power:	3-Phase: 2 × 11 kW or 1 × 22 kW 1-Phase: 2 × 3.7 kW or 1 × 7.4 kW

Operating conditions

Storage temperature:	-30 to 75°C
Operating temperature:	-25 to 50°C
Relative humidity:	5 to 95%, no condensation
Class of protection:	I
Overvoltage category:	III
Degree of pollution:	3
Degree of protection (housing):	IP55
Impact strength:	IK10
Maximum elevation:	≤ 2,000 m AMSL
Power dissipation:	7 W

Protection / integrated components

RCCB (eM4 Single):	RCCB, type A, 30 mA
RCBO (eM4 Twin):	RCBO, C32, type A, 30mA
DC fault current detection:	Electronic, I _{Δn} d.c. ≥ 6 mA
Energy meter:	MID compliant
Load switching:	Installation contactor, 4-pole, 40 A
Weld detection:	No charging possible with welded contactors
Overcurrent protection:	Integrated into firmware, disconnection at 120% after 10 seconds
Temperature monitoring:	Internal, charging current reduction or shut down

Communication / interfaces

Operating status indicator:	LED
Access control:	RFID, QR code or smartphone app
EV comm:	In acc. with IEC 61851-1 Mode 3
Controller/Extender comm:	LAN, WLAN
Backend comm:	Via Controller
Supported protocols:	OCPP 1.5 + 1.6, OCPP Smart Charging (via Controller), Modbus TCP
Load shedding / external release contact:	Potential-free contact in accordance with VDE-AR-N 4100

Standards / directives

IEC 61851-1
IEC 61439-7 ACSEV
VDE-AR-N 4100

¹eM4 Twin: with derating of power output depending on external temperature and conditions

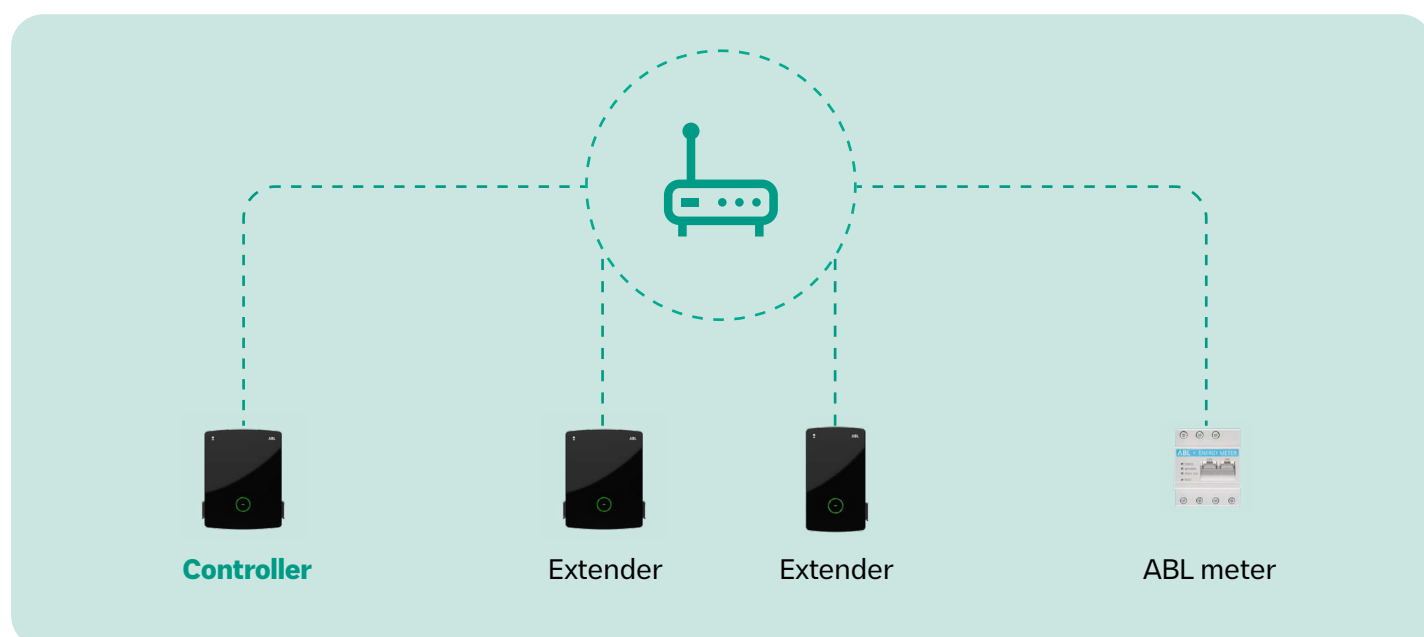
AC Controllers

Multi-charger installations

The Controller and Extender units enable both wired and wireless charging groups, simplifying charger settings, load management and commissioning.

Set up charging groups

- eM4 Controllers create charging groups to manage up to 30 charging points.
- Connect a Controller and Extenders via Ethernet or Wi-Fi to a router to set a group.
- Charging groups can connect to the internet through the router or a Controller with 4G connectivity.
- Multi-groups can be set up combining Controllers to reach up to 100 charging points!

**Make the most of your charging site**

- An ABL meter can be used to enable dynamic load management.
- Learn about our payment terminal and other accessories in the eM4 accessories section.

Wallbox ABL eM4 order codes

Customer Code	EAN Barcode	Unit	Model	Protections	Outlets	Type
100000451	8436607544449	Controller	eM4 Single	RCCB	1	Shutter Type 2
100000452	8436607544456	Extender	eM4 Single	RCCB	1	Shutter Type 2
100000317	8436607544487	Controller	eM4 Twin	RCCB	2	Shutter Type 2
100000318	8436607544494	Extender	eM4 Twin	RCCB	2	Shutter Type 2

Compare our Home products



General specifications

Dimensions	Tethered: 166 x 163 x 82 mm Socket: 204.3 x 313 x 142.5 mm	Tethered: 201 x 99 x 198 mm (without cable) Socket: 313 x 142.5 x 204.3 mm	Tethered: 201 x 99 x 198 mm (without cable) Socket: 313 x 142.5 x 204.3 mm
Weight	Tethered: 1 kg Socket: 2.5 kg	Tethered: 1.3 kg Socket: 2.5 kg	Tethered: 1.3 kg Socket: 2.5 kg
Colors	Black / White	Black / White	Black
Operating temperature	-25°C / +40°C	-30°C / +50°C ⁴	-30°C / +50°C ⁴
Processing Unit	Standard	Ultra-Fast Advanced CPU	Ultra-Fast Advanced CPU
Installation	Socket: Easy-to-Install Backplate	Easy-to-Install Backplate	Easy-to-Install Backplate
Housing finish	Standard	Scratch Resistant Matte Texture	Scratch Resistant Matte Texture

Electrical Specifications

Charging Power	7,4 / 11 / 22 kW	7,4 / 11 / 22 kW	7,4 / 11 / 22 kW
Connector types	Type 2 tethered or socket (with shutter)	Type 2 tethered or socket (with shutter)	Type 2 tethered or socket (with shutter)
Metering certification	-	-	Class A equivalent (Error ≤ 2%)
Water and dust resistance	Tethered: IP54 Socekt: IP55	IP55	IP55
Impact resistance	Tethered: IK08 Socekt: IK10	IK10	IK10

Connectivity & authentication

Wi-Fi	✓	✓	✓
Bluetooth	✓	✓	✓
Ethernet	-	-	✓ ¹
Integrated 4G	-	-	✓
OCPP	✓	✓	✓
User access	Wallbox app	Wallbox app & portal	RFID & NFC, Wallbox app & portal




Pulsar family energy management²

Solar charging	Standard	3-phase optimized ¹	3-phase optimized
Dynamic Load Management	Up to 25 chargers	Up to 100 chargers	Up to 100 chargers

¹ Standard for socket version. Contact your sales representative regarding availability for the Max tethered version.y. ² Requires a meter.

³ Hardware ready. ⁴ The charger will operate at full capacity up to 40°C. Above 40°C, derating may apply.

Compare our Business products

	Pulsar Pro	Wallbox eM4 Single	Wallbox eM4 Twin
			
Main Highlights			
Maximum Charging Power	1ph: 1 x 7.4 kW 3ph: 1 x 22 kW	1ph: 1 x 7.4 kW 3ph: 1 x 22 kW	1ph: 2 x 3.7 kW or 1 x 7.4 kW 3 ph: 2 x 11 kW or 1 x 22 kW
Metering certification	Class A equivalent (Error ≤ 2%)	MID certified. Class B (Error ≤ 1%)	MID certified. Class B (Error ≤ 1%)
Technical specifications			
Dimensions	Tethered: 201 x 99 x 198 mm (without cable) Socket: 313 x 142.5 x 204.3 mm	306.5x516x145 mm	428x516x145 mm
Weight	Tethered: 1.3 kg Socket: 2.5 kg	7.2kg	10.5 kg
Operating temperature	-30°C to 50°C ⁴	-25 to 50°C	-25 to 50°C
Electrical specifications			
Connector variants	Type 2 tethered or socket (with shutter)	1x Type 2 socket	2x Type 2 socket
Input cable entries	Back, Bottom	Top, Back, Bottom	Top, Back, Bottom
Input cable section	Up to 13 mm ²	Up to 10mm ²	Up to 10mm ²
Communication standards and connectivity			
OCPP	✓	✓	✓
ISO 15118 ¹	-	✓	✓
Wi-Fi	✓	✓	✓
Bluetooth	✓	-	-
Ethernet	✓ ⁴	✓	✓
4G	Integrated	Compatible	Compatible
User access & interface			
User interface	Halo RGB LED	Halo RGB LED, Buzzer	Halo RGB LED, Buzzer
App (Wallbox / OCPP)	✓	✓	✓
RFID	✓	✓	✓
Plug&Charge ¹	-	✓	✓
Load Management ²			
Static Load Management	Up to 100 charging points	Up to 100 charging points	Up to 100 charging points
Dynamic Load Management ³	Up to 100 charging points	Up to 30 charging points	Up to 30 charging points

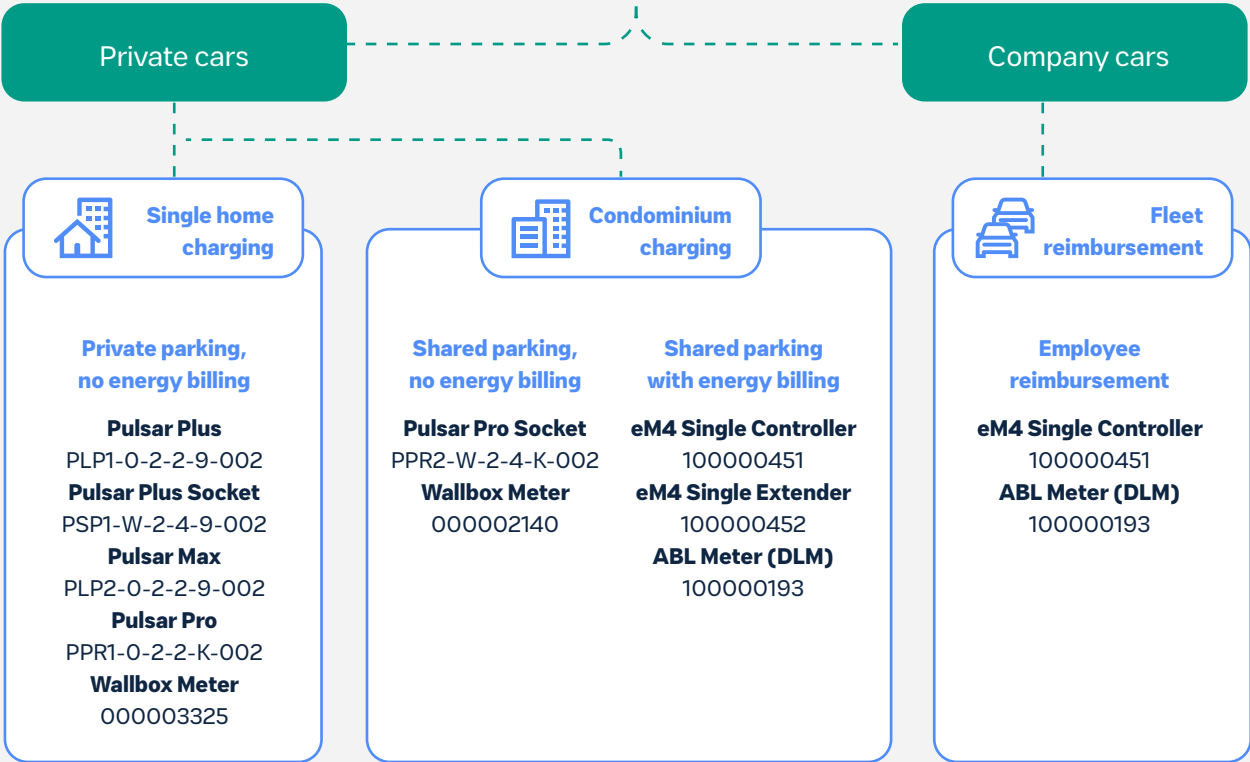
¹ Hardware ready. ² Pulsar Pro and eM4 Load Management functions cannot be combined. ³ Requires a meter. ⁴ Standard for socket version.
Contact your sales representative regarding availability for the Max tethered version.

Need help choosing your charger?

Check our home and business charging recommendation guides.

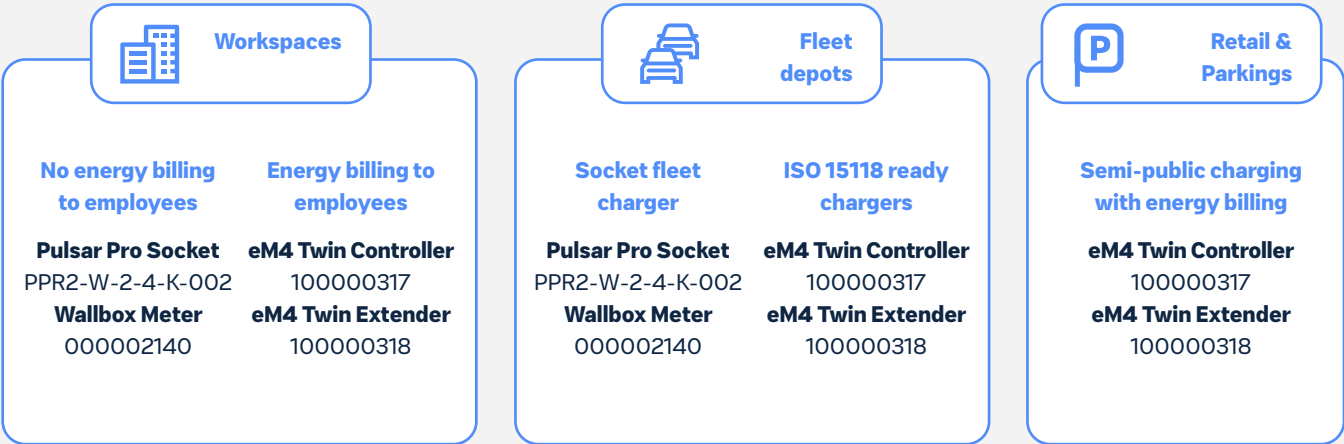
Home charging

Who are the chargers for?



Business charging

Who are the chargers for?



Our DC fastchargers

Supernova 220

**Reliable**

Developed to maximize uptime.

**Efficient**

Scale your business and maximize return on investment.

**User centric**

Offers a seamless experience to users.

**Flexible**

Adapts to current and future needs.

Please contact our sales representatives if you are interested in Supernova. They will inform you about our Fast Charging sales process and requisites to become a DC partner.



Product Details

Electrical

Output Power:	220 kW 150 kW 75 kW
Nominal Efficiency:	95%
Power Factor:	>0.98
THD:	5%
Standby Consumption:	<60 W
Output Voltage:	150-1000 VDC
Output Current:	400 A 400 A 200 A
Supply Input	400 VAC \pm 10%, 50 Hz; 3P+PE
Voltage Range:	
Split Charge:	Simultaneous charge of 2 outputs
Electrical Protections:	Grid disconnection, Surge Arrestor, Fuses, MCCBs

Environmental

Environmental Ratings:	IP54, IK10, 2000 m altitude
Operating Temperature:	-30°C to 50°C, >20°C derating
Storage Temperature:	-30°C to 70°C
Cooling System:	Active air cooling
Humidity:	5% to 95% Non-condensing
Operational Noise Level:	<68 dBA @ 1m

General

DC Connectors:	CCS2 + CCS2
Cable Length:	5 m
Cable Management:	Retracting the cable to its initial position
Supernova Footprint:	2000x453x714 mm
Weight:	400 kg 370 kg 340 kg
Branding Options:	Company logos/front surface/full charger vinyling
Charging Compliance:	CCS (DIN 70121; ISO15118), IEC 61851-1; IEC 61851-23; IEC 61851-21-2
Safety Compliance:	CE, IEC

Interface and Control

Connectivity:	Ethernet, 2G/3G/4G/LTE, Space for external router (DIN rail)
Backend Communication Protocol:	OCPP 1.6J, OCPP 2.0.1 (Hardware Ready), Plug & Charge (Hardware Ready)
Diagnostics:	Auto-diagnostics system
User Interface:	10" Anti-vandal Colour Touch Display (sunlight readable), LED status lights
Authentication:	App (OCPP) / RFID (MI-FARE ISO/IEC14443A/B, ISO/IEC15693, ISO/IEC18000-3, FeliCa, NFC)
Ad-Hoc Payment:	Factory fitted Credit Card Reader
Metering:	AC & DC metering. Eichrecht Calibration Law

Specifications are subject to change with prior notice.
We reserve all rights.



Software

Wallbox app for drivers

Wallbox app is the software platform that allows full control over your Wallbox chargers. With its smartphone app for drivers, it covers every charging need.

Control at your fingertips with the Wallbox app.

- **Monitor** the status of your charger and control it from anywhere.
- **Schedule** charging sessions to take place at best convenience.
- Get energy use and spending **statistics** in real-time.
- **Secure** your charger with remote locking and unlocking.
- Access all Energy Management Solution features.



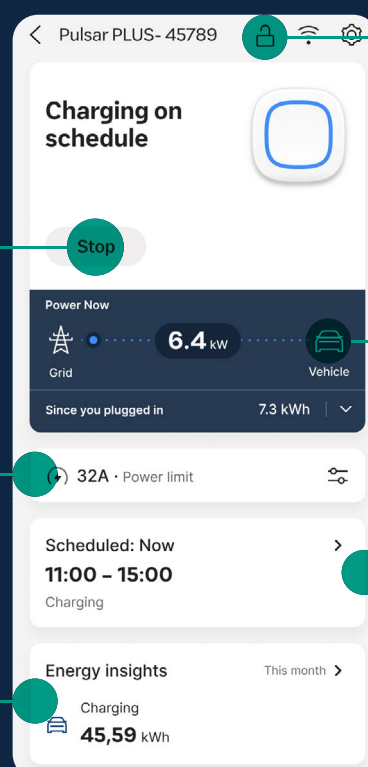
Get in charge with Wallbox!

Monitor and control your charger's status from anywhere, anytime.

Start or stop your charging session at your convenience

Set amps to **limit power usage**

Get insights into energy use and spending statistics from past sessions



Securely **control your chargers** with remote lock/unlock from the top bar

Check **real-time** energy flow

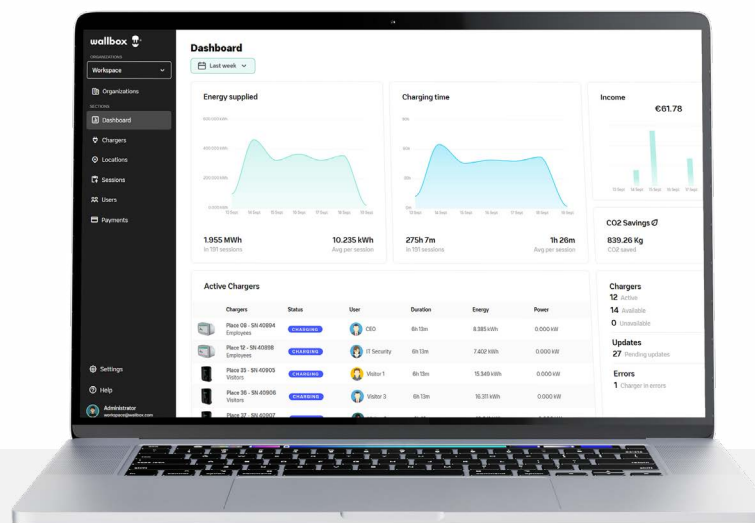
Intuitively **schedule charging** to avoid peak time and high prices

Software

Wallbox Business portal

Configure a fully fledged charging network with the included functionalities for companies.

- Connect chargers and **organise** them in location groups.
- Create **users** and assign them **charging permissions** through app & RFID.
- Check chargers **real-time status** and update them remotely.
- Enable **automated charging payments**.
- **Track** overall energy consumption and generated **revenue**.






Automated Charging payments

Monetize charging and generate revenue

- Define the payment rates and apply them to access groups.
- Choose between different payment method.
- Payments are compatible with Apple Pay, Google Wallet and credit card.

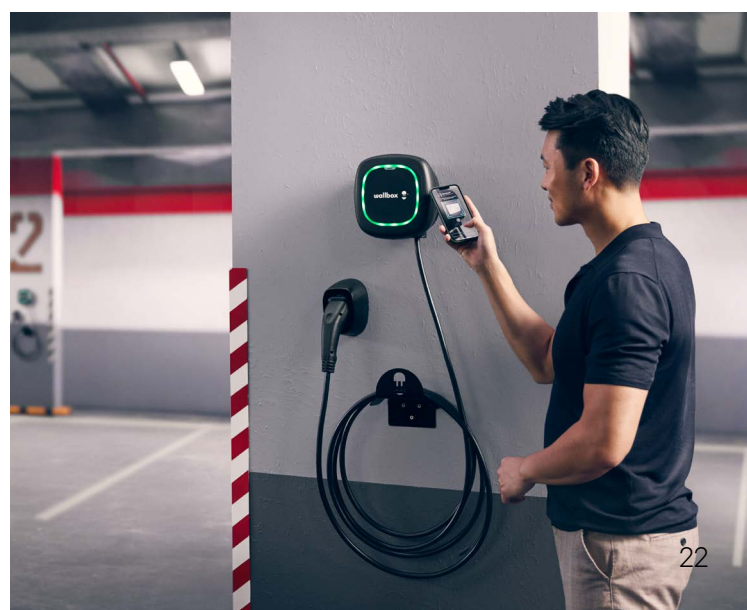


Create payment rates using either variable or fix fees, or even combining them!

Charging Fee	Variable		EUR / hour	Time of use
			EUR / kWh	Energy consumption
	Fix		EUR / access	Charger access

Choose among our **automated payment methods** to suit your users:

- **Pay per Month:** Easy access for your users from their phones, with a single monthly payment.
- **Pay per Charge:** QR code access for registered drivers without assigned chargers, with automatic payment per session.



Software

Electromaps Manager

Electromaps Manager is Electromaps' hardware agnostic charging platform. It enables charging solutions for every company.



Charger Management

Add and manage OCPP chargers of any brand, connector type, and power.



User management

Make chargers available for private drivers with RFID or public use through Electromaps app and its roaming partners.



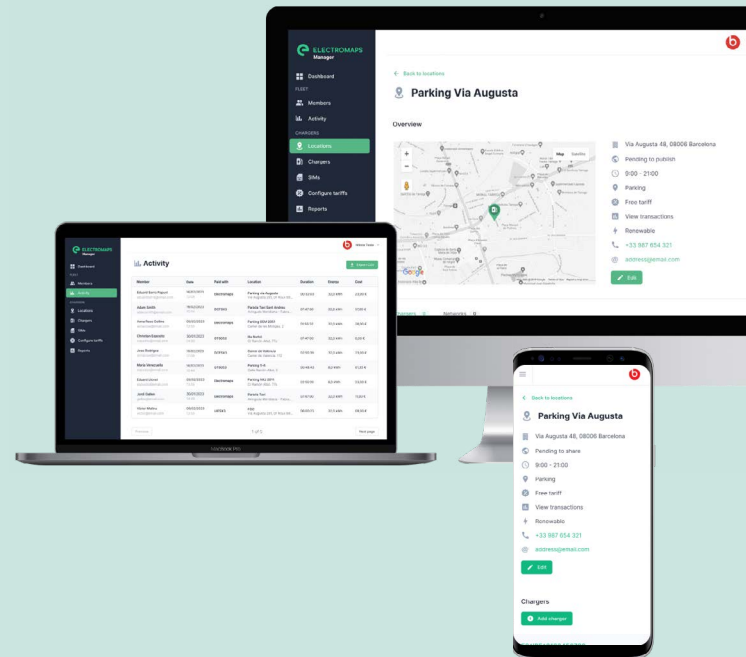
Payments

Create custom tariffs with variable and fix fees, and benefit from automated payments.



Reporting

Keep track of consumptions and generated revenue down to details with dedicated reporting tools.



Publish your chargers on Electromaps

Electromaps is the Leading eMobility Service Provider in Southern Europe.

- More than 430k charging points
- More than 1.2 million EV drivers
- 4.7/5* in the App store

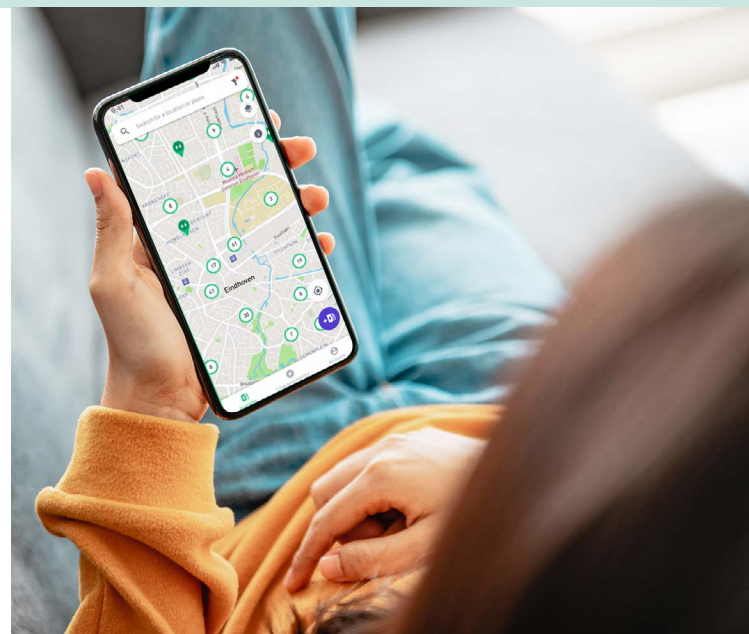
Publish your chargers and start bringing in new customers to your business and enable a new revenue stream with EV Charging.

Publish your chargers on Electromaps

Electromaps is the Leading eMobility Service Provider in Southern Europe.

1. Add your chargers
2. Set their charging tariffs
3. Invite users or publish them in Electromaps

Just register in emanager.electromaps.com and get started.



ELECTROMAPS
Manager

[Register now!](#)



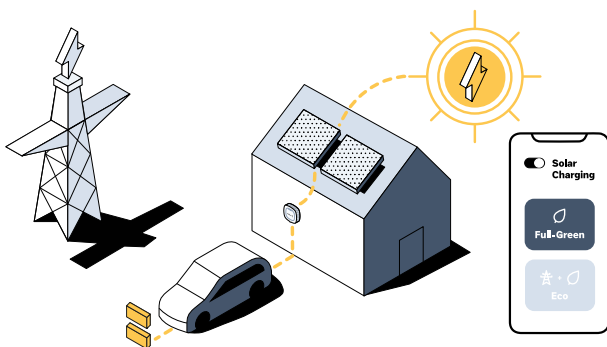


Solar Charging

Take full advantage of your solar panels, and use every surplus of green energy to charge your EV^{1,2}.

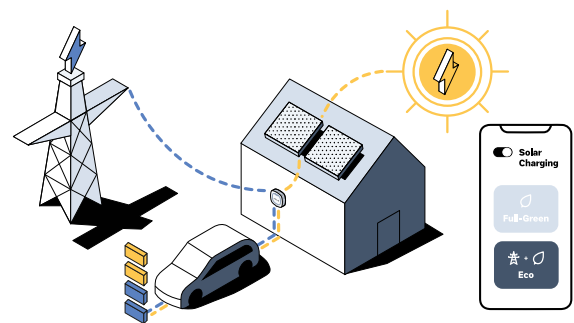
With two modes to choose from, you decide when to go fully green or charge with a mix of green and grid energy.

Full-Green mode



100% Green energy

Eco mode

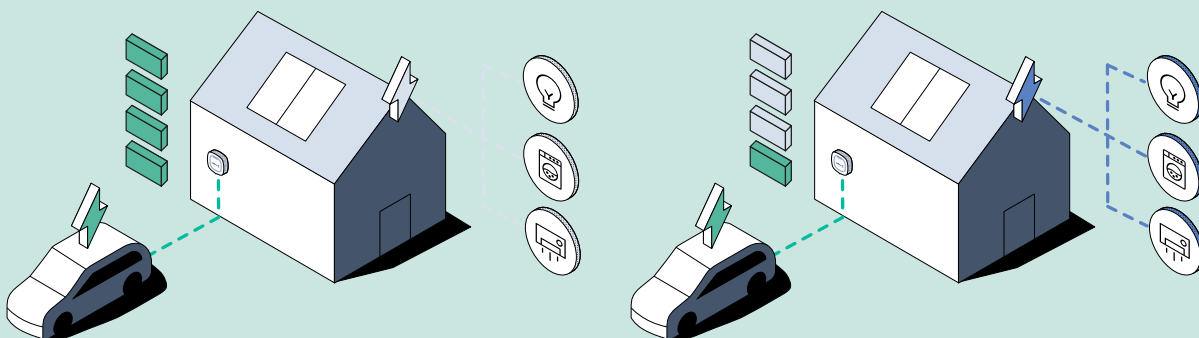


Green energy + Grid energy

Dynamic Load Management

Always charge at the highest speed possible, based on your home's real-time power demand, so you can run your large appliances and still charge at the same time¹.

- Avoid costly energy upgrades, surprise energy bills and fuse tripping.
- Add a second EV, or more, anytime. Up to 100 chargers possible.



¹ Requires a Power Meter

² Not compatible with OCPP backends nor multiple-charger installations



For Business

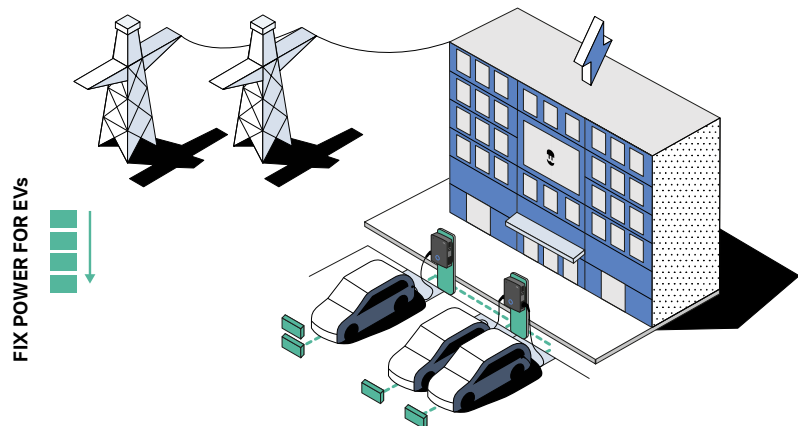
Load Management

Connect multiple chargers to the same electrical circuit and automatically balances the power distribution across all connected chargers based on each vehicle's need for power - with no extra costs.

- **Smart charging for multiple vehicles**
Intelligently distribute your available energy to charge up to 100 EVs at once, without worrying about peak overload.
- **Avoid expensive electrical retrofits**
Work with the power and infrastructure you already have. No need for costly upgrades.
- **Ready for scale**
Need to add more chargers in the future? No problem! Our solutions are designed to grow with you.

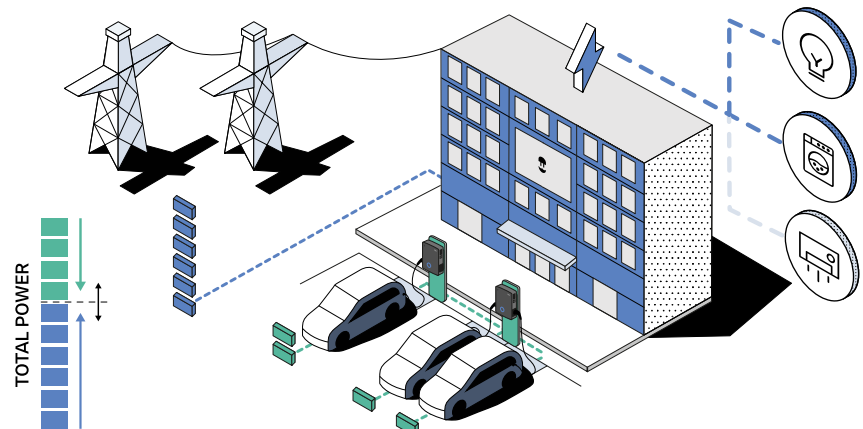
Static Load Management

Set up a dedicated circuit for your chargers and balance power dynamically between them. No power meter required!



Dynamic Load Management

Add a Power Meter to the installation and step up your load balancing to adapt to the building's real-time power demand.





Pulsar family accessories

Customise the charging experience to every need and access every energy management solution with the right accessories.

Wallbox Power Meters

Wallbox Power Meters unlock our full suite of Wallbox Energy Management Solutions and prepare your Wallbox for software upgrades without needing additional hardware.

Single Phase Power Meter¹

Description:	Single-phase up to 100 A
Type of measurement:	Direct
Dimensions:	2 DIN rail modules
Weight:	160g
Compatible chargers:	Pulsar family
Compatible functions:	Solar Charging, Dynamic Load Management



Customer Code	EAN Barcode	Description	Max. Current	Measure type
MTR-1P-100A	8436575278001	Single Phase Power Meter	100 A	Direct

Three Phase Power Meter¹

Description:	Three-phase up to 65 A
Type of measurement:	Direct
Dimensions:	3 DIN rail modules
Weight:	240g
Compatible chargers:	Pulsar family
Compatible functions:	Solar Charging, Dynamic Load Management



Customer Code	EAN Barcode	Description	Max. Current	Measure type
MTR-3P-65A	8436575278018	Three Phase Power Meter	65 A	Direct

¹The design of your meter may vary, and will be determined based on current available stock. Rest assured, all meters have the same functionality when correctly installed and only differ in appearance.

Single Phase Clamp Power Meter

Description:	Single-phase up to 100 A
Type of measurement:	Indirect
Dimensions:	1 DIN-module
Compatible chargers:	Pulsar family
Compatible functions:	Solar Charging, Dynamic Load Management



Customer Code	EAN Barcode	Description	Max. Current	Measure type
MTR-1P-100A-CLP-WBX	8436607540069	Single Phase Clamp Power Meter	100 A	Indirect

Three Phase Clamp Power Meter

Description:	Three-phase up to 250 A / 400 A / 600 A
Type of measurement:	Indirect
Dimensions:	3 DIN rail modules
Weight:	240g
Compatible chargers:	Pulsar family
Compatible functions:	Solar Charging, Dynamic Load Management



Customer Code	EAN Barcode	Description	Max. Current	Measure type
MTR-3P-250A-CLP	8436575277974	Three Phase Clamp Power Meter 250A	250 A	Indirect
MTR-3P-400A-CLP	8436575277981	Three Phase Clamp Power Meter 400A	400 A	Indirect
MTR-3P-600A-CLP	8436575277998	Three Phase Clamp Power Meter 600A	600 A	Indirect

P1 Port Power Meter

Description:	P1 port compatible meter
Protocol:	P1 protocol conform DSMR4/DSMR5 (NL) and eMUCS (BE)
Dimensions:	1 DIN-module
Compatible chargers:	Pulsar family
Compatible functions:	Solar Charging, Dynamic Load Management



Customer Code	EAN Barcode	Description	Measure type
MTR-P1PORT	8436607540038	P1 Port Meter	Smart meter

MID Meters

MID approved electricity meters are certified to measure the amount of power used to charge. This allows you to charge for your services more accurately based on the actual energy spent on each charging session.

Single Phase MID Meter

Description:	Single-phase up to 100 A
Type of measurement:	Direct
Dimensions:	2 DIN rail modules
Weight:	160g
Compatible chargers:	Pulsar family
Compatible functions:	MID metering



Customer Code	EAN Barcode	Description	Max. Current	Measure type
MID-1P-100A	8436575278032	Single Phase MID Meter	100 A	Direct

Three Phase MID Meter

Description:	Three-phase up to 65 A
Type of measurement:	Direct
Dimensions:	3 DIN rail modules
Weight:	240g
Compatible chargers:	Pulsar family
Compatible functions:	MID metering



Customer Code	EAN Barcode	Description	Max. Current	Measure type
MID-3P-65A	8436575278049	Three Phase MID Meter	65 A	Direct

Pedestals

Wallbox pedestals provide free-standing support so any parking space can become a charging destination.

Eiffel Basic

Mounting Type:	Single or Dual
Dimensions:	1400 x 200 x 200 mm
Weight:	12 kg
Main Color:	Black
Main Material:	Aluminum, Stainless steel
Protection Rating:	IK10
Installation:	Indoors & Outdoor
Fixation type:	Screwed to the floor
Compatible Chargers:	Pulsar family
Optionals:	Rain cover, cable holder, connector holder



Customer Code	EAN Barcode	Description	Mountable chargers	Compatible
PED-EIFBS-MONO	8436575278193	Pedestal	1	Pulsar family
PED-EIFBS-DUAL	8436575278216	Pedestal	2	Pulsar family
COVER-EIFBS-PLP1	8436575278230	Rain cover	1	Pulsar family

Eiffel

Mounting Type:	Single or Dual (optional)
Dimensions:	1706 x 240 x 105 mm
Weight:	30 kg
Main Color:	Black
Main Material:	Galvanized steel, Stainless steel
Protection Rating:	IK10
Installation:	Indoors & Outdoor
Fixation type:	Screwed to the floor
Compatible Chargers:	Pulsar family
Optionals:	Electric box (24 DIN), second charger plate, rain cover, cable holder, connector holder



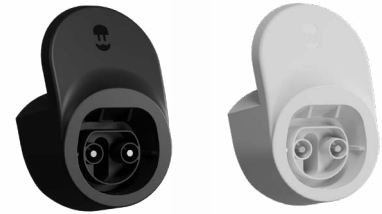
Customer Code	EAN Barcode	Description	Mountable chargers	Compatible
PED-EIF-PLP1	8436575278063	Pedestal	1 expandable to 2	Pulsar family
PED-EIF-2ND-PLP1	8436575277325	2nd charger plate	1	Pulsar family
PED-EIF-COVER	8436575278117	Rain cover	1	Eiffel pedestal
PED-EIF-BOX-24DIN	8436575277356	Electric box 24 DIN	-	Eiffel pedestal
PED-EIF-ADP-PSP1	8436607546863	Adapter plate (socket versions)	1	Pulsar (Socket versions)

Cable management

Keep your charging cable organised with our holders. They are available in black and white to match your charger.

Cable dock

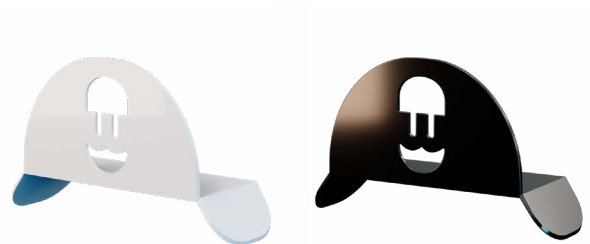
Connector type:	Type 2
Material:	Plastic
Colour:	Black / White
Dimensions:	169.75x105x99.5 mm
Weight:	172.5 g
Fixation:	x2 M5 screws
Installation:	Indoors or outdoors



Customer Code	EAN Barcode	Connector type	Colour
CBLDOCK-T2-W	8436575276588	Type 2	White
CBLDOCK-T2-B	8436575276564	Type 2	Black

Cable holder

Material:	Aluminium
Colour:	Black / White
Dimensions:	165 x 142 x 75 mm
Fixation:	x3 M5 screws ¹
Installation:	Indoors or outdoors



¹Not included

Customer Code	EAN Barcode	Description
HLD-W	8436575273648	White
HLD-B	8436575273877	Black

Charging cables

We offer multiple cable options for socket outlets like Pulsar Plus socket.

Single phase cable Type 2 - Type 1

Connector type:	EV end - Type 1 Socket end - Type 2
Cable length:	5 m
Weight:	1,6 kg
Material:	Plastic
Max. Power:	7.4 kW (single-phase)
Protection Rate:	Protected against water splash (IP44)



Customer Code	EAN Barcode	Connector type	Cable length	Max. Power
CBLE-1P-T2T1-5m-PC	8436575273471	EV end - Type 1 Socket end - Type 2	5 m	7.4 kW

Three phase cable Type 2 - Type 2

Connector type:	EV end - Type 2 Socket end - Type 2
Cable length:	5 m / 7 m
Weight:	1.5 kg / 2 kg
Material:	Plastic
Max. Power:	22 kW (three-phase)
Protection Rate:	Protected against water splash (IP44)



Customer Code	EAN Barcode	Connector type	Cable length	Max. Power
CBLE-3P-T2T2-5m	8436575272085	EV end - Type 2 Socket end - Type 2	5 m	22 kW
CBLE-3P-T2T2-7m	8436575274805	EV end - Type 2 Socket end - Type 2	7 m	22 kW

Electrical protections

Everything you need to install your charger, already built in your Fuse Box cabinet.

Fuse Box Lite

Installation:	Compatible with single phase charger installations
SPD:	up 1500 V / Uc 320 VAC
MCB:	32 A curve C
RCD:	40 A type A
Dimensions:	235 x 215 x 110 mm
Protection rating:	IP65
Compatible chargers:	Pulsar family
Included:	Key lock



Customer Code	EAN Barcode	Description
BOX-1PH-SCHEME-1-3	8436575276595	Single Phase Fuse Box Lite

Fuse Box Pro

Installation:	Compatible with single phase charger installations
SPD:	up 1500 V / Uc 320 VAC
MCB:	40 A curve C
RCD:	40 A type A
Dimensions:	235 x 215 x 110 mm
Protection rating:	IP65
Compatible chargers:	Pulsar family
Included:	Key lock



Customer Code	EAN Barcode	Description
BOX-1PH-SCHEME-2	8436575276601	Single Phase Fuse Box Pro

Project support

Need some additional authentication cards? We have a solution for you.

RFID cards

Bundles:

- 10 cards/bundle
- 25 cards/bundle
- 50 cards/bundle



Customer Code	EAN Barcode	Description
RFID-10	8436575273068	10 RFID cards bundle
RFID-25	8436575273075	25 RFID cards bundle
RFID-50	8436575273082	50 RFID cards bundle

Wallbox ABL eM4 accessories

Customise your eM4 project according to the project needs with mounting solutions and dynamic load management with the right accessories.

ABL Meter

Enable dynamic load management for eM4 charging groups with an ABL Meter. Once wired, just by plugging it through Ethernet to the LAN it will be automatically detected during commissioning.

Description:	ABL Meter
Type of measurement:	Direct & Indirect (via additional current clamps ¹)
Maximum current Direct:	63A / phase
Maximum current Indirect:	1000A / phase
Dimensions:	3 DIN rail modules
Weight:	0.3 kg
Compatible chargers:	eM4 Single & Twin
Compatible functions:	Dynamic Load Management



Customer Code	EAN Barcode	Description	Measure type	Max. Current
100000193	8436607544647	ABL Meter	Direct & Indirect	Direct: 63 A Indirect: 1000 A

¹Current clamps not included

Payment Terminal

One terminal serves all chargers in your site, providing a scalable and cost effective solution

Description:	1,400 × 220 × 220 mm
Weight:	Approx. 16.5 kg
Included elements:	Electrical protections LTE connectivity
Usability:	The terminal displays prices and enables contactless and card payments with PIN number
Compatible Backends:	Integrated via OCPI or API. Already compatible with most brands
Compliance:	AFIR (EU) & UK Public Charge Point Regulations



Customer Code	EAN Barcode	Description	Compatible with
000007363	8436607547174	Payment Terminal	Any OCPP charger

¹Current clamps not included

PoleM4 pedestal

A ready for connection pedestal, great for decentralised cabinets installations, made to convert any parking space into a charging destination.

Mounting Type:	1 charger
Dimensions:	1647 x 405 x 180 mm
Weight:	26 kg
Included elements:	Connection terminals and power supply for lighting Additional DIN rail for further installations
Compatible Chargers:	eM4 Single & Twin
Fixation type:	Screwed to the floor
Optionals:	Concrete foundation



Customer Code	EAN Barcode	Description	Compatible eM4
100000361	8436607544531	Pedestal	eM4 Single
100000192	8436607544524	Pedestal	eM4 Twin
EMH9999	8436607544623	Concrete Foundation	eM4 Single & eM4 Twin

Pole Slim

An efficient free-standing charging solution, with a really small footprint to maximize the amount of charging points in any parking.

Mounting Type:	1 charger or 2 chargers
Dimensions:	972 x 210 x 210 mm
Weight:	16,7 kg
Compatible Chargers:	eM4 Single & Twin
Fixation type:	Screwed to the floor
Optionals:	Concrete foundation



Customer Code	EAN Barcode	Description	Compatible eM4	Installable chargers
100000245	8436607544579	Pole	eM4 Single	1, expandable to 2
100000248	8436607544593	Adapter plate	eM4 Single	2nd charger extension
100000246	8436607544586	Pole	eM4 Single	2
100000191	8436607544548	Pole	eM4 Twin	1, expandable to 2
100000239	8436607544562	Adapter plate	eM4 Twin	2nd charger extension
100000237	8436607544555	Pole	eM4 Twin	2
100000238	8436607544630	Concrete Foundation	eM4 Single & eM4 Twin	Both 1 and 2

Weather cover

Protect eM4 from rain, snow and sun with a weather cover, mountable in walls and pedestals.

Compatible chargers: eM4 Single & Twin

Compatible pedestal: POLEM4



Customer Code	EAN Barcode	Description	Compatible eM4
WPR12	8436607545651	Weather cover	eM4 Single
WPR36	8436607544609	Weather cover	eM4 Twin

Cable holder

Hang charging cables and dock locked Type 2 charging cables connectors

Compatible pedestal: POLEM4



Customer Code	EAN Barcode	Description	Compatible eM4
CABHOLD	8436607544616	Cable holder	eM4 Single & eM4 Twin





www.wallbox.com

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