

Pulsar Pro (2026)

Charging station with charging socket
22 kW

The Pulsar Pro with charging socket is the latest wallbox in the Pulsar family, specifically engineered for use cases requiring legal metrology accuracy and future-proof vehicle communication. With a charging power up to 22 kW, it ensures rapid and highly efficient charging processes, making it the ideal solution for company cars, corporate fleets, and managed charging infrastructures where automatic reimbursement and regulatory compliance require highly reliable and accurate measurements.

REGULATORY COMPLIANCE AND TRUSTED BILLING

The Pulsar Pro integrates a certified MID meter, ensuring the highest standard of measurement accuracy required for legal metrology and reliable tax reimbursement for employees. Furthermore, it implements ISO 15118.

AUTOMATED REPORTING FOR REIMBURSEMENT







The Pulsar Pro offers advanced features optimized for the company car use case. A dedicated function within the Wallbox App allows for the automatic generation and export of charging reports specifically designed for expense reimbursement. These reports can be generated in multiple formats (PDF, CSV) and automatically sent to a designated recipient, such as a company's HR or accounting department, simplifying the administrative process for both the employee and the employer.

MAXIMUM CONTROL AND EFFICIENCY

Thanks to the integrated MID meter and static load management, the Pulsar Pro enables precise, legally metrological billing of charging processes and reliable control of the power delivered. Dynamic load management can also be set up in combination with optionally available energy meters for site optimization. For efficient operation with a PV system, the Pulsar Pro offers automatic switching from 3-phase to 1-phase operation.



PRODUCT ADVANTAGES

-  Company car driver billing via integrated MID Meter
-  Backend/OCPP connection via LTE, LAN or WLAN
-  Phase switching for solar energy optimisation
-  Dynamic load management via Energy Meter Pulsar
-  Automatic charge report export via Wallbox app
-  IP55

GENERAL INFORMATION

Model range	Pulsar Pro
Commodity code	85371091
Packaging unit (PU)	1 unit
Dimensions PU (H×W×D)	400 × 400 × 200 mm
Weight PU	Approx. 6.5 kg
Items supplied	Wallbox, printed safety instructions, installation kit, user information, RFID card

INPUT / MAINS SUPPLY

External power supply	Supply cable with cable cross-section up to a maximum of 13 mm ² or cable diameter ≤ 22 mm
Rated voltage	230 / 400 V
Rated current	32 A (3-phase & 1-phase)
Rated frequency	50 / 60 Hz
Upstream fuse	RCD type A required on site (in accordance with local regulations)
Connection	Direct connection to the terminal block

OUTPUT / VEHICLE CONNECTION

Charging port in acc. with IEC 62196-2	Lockable type 2 charging socket with shutter
Output voltage	230 / 400 V
Maximum charging current*	32 A (3-phase), configurable from 6 A to rated current
Maximum charging power (3-phase)	1 × 22 kW
Maximum charging power (1-phase)	1 × 7,4 kW

PROTECTION / INTEGRATED COMPONENTS

DC fault current detection	RDC-DD according to IEC 62955 (6 mA DC)
Additional protective devices	Optional external shunt (welding shut down)
Internal energy meter	MID compliant
Cybersecurity	Tamper detection, secure update, secure boot, secure storage & encrypted communications
Energy management system	Static load management, prepared for dynamic load management in combination with energy meter accessories (see "Accessories" on page 4)

COMMUNICATION / INTERFACES

Charging status indication	Halo LED (RGB), Wallbox App & Portal
User interface	Wallbox App & Portal
User identification	Wallbox App & Portal, RFID, NFC (Hardware ready)
Communication EV	In acc. with IEC 61851-1 Mode 3
Connectivity	Wi-Fi, 4G, Ethernet, Bluetooth
External communication interfaces	OCPP, partner API and SDK
External release contact	Potential-free contact in accordance with VDE-AR-N 4100 (DACH market only)

STANDARDS / DIRECTIVES

IEC 61851-1 | IEC 61851-21-2

RED Directive 2014/53/EU | RoHS Directive 2011/65/EU | UK Smart Charging Regulations

VDE-AR-N 4100 (DACH market only)

ISO 15118

IEC 62955

OPERATING CONDITIONS

Storage temperature	-40 to 70°C
Operating temperature*	-30 to 50°C
Relative humidity	5 to 95%, no condensation
Class of protection	I
Overvoltage category	III
Pollution degree	3
Degree of protection (housing)	IP55
Maximum elevation	≤ 2,000 m AMSL

* Derating may apply.

HOUSING

Type	Wall-mounted housing
Fixing type	Wall mounting using wall plate and installation kit
Material (housing / cover)	Plastic
Colour (housing / cover)	Black
Dimensions (H×W×D)	313 × 204.3 × 142.5 mm
Weight (net)	Approx. 2.5 kg

MODEL OVERVIEW

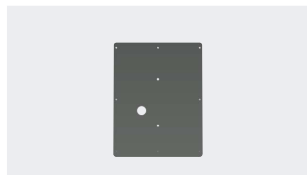
	Phase system	Customer Code	Product number	EAN number
Pulsar Pro	3-phase	PPR3-W-2-4-Y-002	100000827	8436607549635

ACCESSORIES



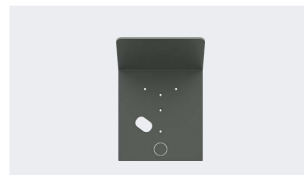
Eiffel

PED-EIF-PLP1
100000776 *



Adapter plate
(socket versions)

PED-EIF-ADP-PSP1
100000778 *



Rain cover

PED-EIF-COVER
100000779 *



Cable dock

CBLDOCK-T2-B
100000780 *



Cable holder

HLD-B
100000781 *



Three Phase Power Meter

MTR-3P-65A
100000450 *



Three Phase Clamp
Power Meter

MTR-3P-250A-CLP
100000679 *



RFID key fob

100000253 *



RFID cards
(10 cards/bundle)

RFID-10



RFID cards
(25 cards/bundle)

RFID-25



RFID cards
(50 cards/bundle)

RFID-50

* Product numbers for DACH market only

PRODUCT DIMENSIONS



Subject to change: All performance characteristics, technical and other specifications are subject to change without prior notice.