Einfach Strom tanken
P-CHARGE

P-CHARGE Wallbox Mono

Safe and quick charging of electric vehicles in the private sector

The P-CHARGE Wallbox Mono was specifically designed for the charging of electric vehicles in the private sector. The box is available in a variety of designs and specifications - simply select the variant that best fits your own vehicle! With variants with fixed connecting cable (socket Type 1 or 2) the cable plug can be inserted into the integrated "parking socket" where it can be stored safely when not operational. It is therefore ready for use at any time, but is well protected from dirt. Variants with charging socket (Type 2, three-phase AC) offer the greatest possible flexibility for the charging of different vehicles. Output variants of from 3.7 kW to 22 kW (3x32A Type 2) are available. Depending on the charging device on-hand, charging times can be reduced by a factor of 10 as compared to Mode 2 charging with standard Schuko charging cables.

Designed for implementation in private locations

- Deploy in conjunction with the EWS box for Mode 3 charging in accordance with IEC 61851-1
- Remote access per ethernet possible (Start/Stop charging process, system analysis)
- Management via external software application possible
- A cost-efficient use of the existing home electrical installation

Measurements in mm H / W / D: approx. 403 / 278 / 171 (without charging cable and plug)
Weight: ca. 6,4 kg ø

Fig. Item no. 261020-504:

TECHNICAL DATA	• 1 charging outlet Mode 3 • Input voltage 400 VAC/50 Hz • Output voltage 3.7-22 kW • Fixed connecting cable with plug type 1/20A • Wiring and fault current protection in upstream home installation • Potential-free switching output
CONFIGURATION P-CHARGE WALLBOX MONO	• EWS Box (Mode 3) • 2 RGB-LED-buttons • Integrated HTML page for system status and configuration
OPTIONAL FEATURES	• Fixed connecting cable Type 2 • Type 2 charging sockets • Variety of charging output options • Optimized charging (middle button available in server mode only) • SmartPvCharge
MECHANICAL PROPERTIES	• UV-resistant plastic housing • High mechanical strength, IK10 • Protection class IP54 • Temperature resistance
SIMILAR DESIGNS	Wallbox Duo Stand-Alone Carport Private

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- Robust construction for wall mounting
- Weather resistant, IP 54
- Intuitive handling with LED button
- Safe and quick charging of electric vehicles at Mode 3
- Optimally customized to vehicle and home installation
- Can be enhanced by adding SmartPvCharge as an option for efficient PV self-consumption.

The Schletter P-CHARGE-system is a complete line of charging stations for electric vehicles, designed to fulfil a wide range of requirements both in the public and the private sectors. Whatever the customer specification - from the simple pillar-shaped charging stations for electric bicycles, scooters and cars to complete parking area systems for supermarket chains, municipal parking decks, to complete charging and billing systems for the electric vehicle fleets of the future, the P-CHARGE system can be customized to individual requirements. Each pillar is equipped with the appropriate socket systems depending on the specification.

Charging of the vehicle takes place as per charging "Mode 3" in accordance with DIN IEC 61851-1 and offers a high level of electrical safety with a variety of management options. Using this method, the maximum charging current can be adjusted (limited) e.g. to the existing electrical installation thus mitigating the risk of cable fire.

P-CHARGE is a central component of the electro-mobility infrastructure; it can be installed easily and is almost maintenance-free. With its modular construction and diversity of designs the charging station is the ideal choice for integration into public areas. User-friendly handling with a display and large control elements enables convenient charging of several vehicles simultaneously.

The P-CHARGE series was designed for operation in open areas. The high grade stainless steel / aluminium housing is weather-proof and is resistant to mechanical influences. The P-CHARGE series can be perfectly combined with our Solar Carport Park@Sol solution. Color schemes can be aligned on request. Numerous protection devices and automatic deactivation in the event of overload or electrical defect all ensure the highest possible level of safety during operation. P-CHARGE comprises a variety of different billing models and payment systems and can therefore be integrated into any infrastructure. A network connection or GSM module can be added as optional features.

P-CHARGE offers you the maximum possible safety of investment - sockets can be custom configured to your individual requirements: The type and the number of sockets as well as the charging voltage of 230 / 400 Volts can be individually compiled at the point of order. Each charging pillar can be configured to customer specification.

Subject to technical modifications.

» Further **P-CHARGE** products
and detailed product information can be found under www.p-charge.eu

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