

smartEVO 22 AN ALLROUNDER FOR INDUSTRY AND COMMERCE

With smartEVO 22 you are well equipped, because the wallbox meets all requirements for intelligent charging in semi-public areas (for company parking lots, hotels, fleets, etc.). Thanks to the latest charging technology and intelligent interfaces, you can operate large charging parks with up to 250 charging points in a sustainable and load-optimized manner.

Above all, the robust metal housing is your guarantee for safe operation indoors and outdoors.



Robust metal housing

WALTER-WERKE Ferdinand Walther GmbH

The resource-efficient use of energy is a central challenge. By means of energy efficiency through intelligent systems, significant energy savings can be achieved. WALTER-WERKE develops and produces innovative solutions for intelligent low-voltage distribution. Our products connect electrical consumers to the power grid and form the basis for WALTER's sector-specific system solutions for construction, leisure, industry and mobility.

WALTER-WERKE was founded in 1897 in Grimma near Leipzig. Today, the family-owned and managed business has its headquarters in Eisenberg (Pfalz). More than 400 employees in the combined group work with integrated management systems and certified quality standards.

WALTER-WERKE Ferdinand Walther GmbH

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smartEVO 22 INTELLIGENT AND NETWORKED CHARGING.

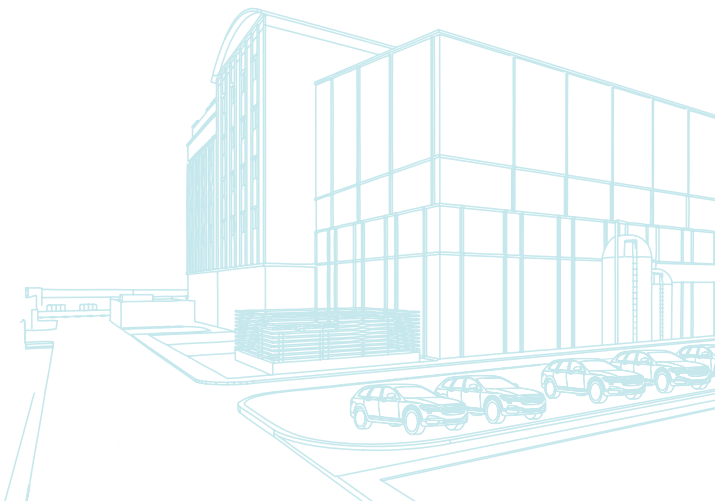


SUSTAINABLE CHARGING INFRASTRUCTURE FOR COMPANIES

More and more companies are relying on electromobility for pool vehicles and company cars. Customers, visitors and employees are also increasingly switching to electric vehicles and are dependent on charging options on the company premises. An intelligent and sustainable charging infrastructure for companies is therefore essential.

Product Highlights

- Efficient charging and load management
- Integration in energy management systems
- Software-Updates
- Connection to smart meter gateways
- Service and maintenance-friendly housing concept
- Billable (without calibration law)
- Backend connection



SUSTAINABLE TECHNOLOGIES

Always on the cutting edge of technology: The smartEVO 22 already contains the latest Plug & Charge technology with Powerline Communication (PLC) according to the international standard ISO 15118. Thanks to the intelligent charging control and software updates, the wallbox is future-proof and always on the cutting edge of technology.

The sustainable housing concept also offers you some advantages: robust materials guarantee durability, easy handling thanks to service-friendly installation and a high recognition value thanks to flexible branding.

INTELLIGENT NETWORKING

The communication expert among wall boxes! The standardized interfaces as well as the integrated modem ensure intelligent, reliable networking between the vehicle, other charging points and higher-level systems. With an additional external meter interface, you can easily set up an external, dynamic load management system (e.g. DynamicControl). You can use it to efficiently adapt the available energy to your overall electrical requirement and distribute it optimally to all electric vehicles to be charged.

INCREASED ELECTRICAL SAFETY

All variants of the smartEVO 22 meet all requirements for increased electrical safety. Two-stage temperature monitoring, overvoltage protection as well as permanent contactor adhesive and PE monitoring offer you additional protection for people, the vehicle and connected systems in the event of electrical faults.

ALL BENEFITS AT A GLANCE

Sustainable Technologies



Plug & Charge acc. to ISO 15118 (PLC); Auto-Charge



EEBUS interface enables connection to Smart-Meter-Gateway



Service-friendly housing concept (IP54) with RFID access

Intelligent Networking



Dynamic load management, up to 250 charging points



Backend connection OCPP 1.6 with smart charging function; software updates



DynamicControl for external load control (Modbus TCP)

Increased Electrical Safety



Two-stage temperature monitoring



Surge protection type 1-2-3 and permanent PE monitoring



RCD type A and DC residual current detection 6 mA



BENDER
TECHNOLOGY INCLUDED



Product Features	smartEVO 22		smartEVO PRO 22	
All product variants have: 1 charging point, charging power up to 22 kW, 3-phase type 2 charging connection, cable holder	Charging socket	Charging coupler 7,5 m	Charging socket	Charging coupler 7,5 m
Plug & Charge according to ISO 15118 (PLC)	✓	✓	✓	✓
Authentication via RFID	✓	✓	✓	✓
Circuit breaker, RCD, DC residual current detection 6 mA	✓	✓	✓	✓
Permanent PE monitoring	✓	✓	✓	✓
MID three-phase meter	✓	✓	✓	✓
Dyn. load management incl. unbalanced load detection	✓	✓	✓	✓
Ethernet interface RJ45 (Modbus TCP)	✓	✓	✓	✓
EEBUS communication interface	✓	✓	✓	✓
Additional RTU modbus interface	–	–	✓	✓
3G/4G LTE modem	–	–	✓	✓
Part number	98601200	98601300	98601205	98601305
Additional variants: with integrated overvoltage protection type 1 + 2 + 3	98601250	98601350	98601255	98601355