Built to Move What Matters

Key specifications

- Barrier free
- Modular design
- ISO 15118 hardware ready
- Max. 2×22 kW
- 2× RCD Type B
- External dimensions
  (L×W×D): 1318 × 425 × 420 mm
- 7" HD sunlight-readable display

Eve Double Plus Public DE

Barrier free and modular charging for public environments

Eve Double Plus Public DE is designed for reliable, accessible and future-ready charging in public environments. As the successor to the successful Eve Double PG-line, it builds on proven technology from the trusted Eve Double Plus platform, combining operational reliability with enhanced flexibility. Designed to perform reliably in high-traffic public locations with intensive daily use.

Its barrier free design and modular architecture make it suitable for a wide range of public and semi-public locations, while allowing installations to be adapted to specific site requirements. Durable construction and robust materials ensure long-lasting performance, even in demanding outdoor conditions.

The design complies with the latest standards, including Eichrecht and accessibility (barrier free) requirements, ensuring safe, transparent and user-friendly operation. With multiple configuration options for metering, grid connection and connectivity — and hardware readiness for ISO 15118 — Eve Double Plus Public DE is built to support both today's requirements and tomorrow's charging technologies.

Its intuitive user interface, modular setup and proven platform make it an ideal choice for cities, businesses and charging operators looking for reliability, compliance and flexibility in one complete solution.

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Reliability & Low TCO

Durable design
- Charging station: Sheet Moulding Compound with IP54 and IK10 protection
- Cabinet: Sheet metal with powder coating, C4 corrosion withstand classification, IP22 and IP44 for components, IK10 protection
- Manufactured in Europe using A-grade components and extensively tested to ensure robust, safe and dependable performance.

Built-in protection
- Charging station: 1 RCD Type B per outlet
- Cabinet: SPD Type 1+2, MCB C32 10 kA; service outlet: RCBO Type A B10, 10 kA

Easy maintenance
- The modular design allows fast and straightforward replacement of components, minimising downtime.

Ease of use
- A large 7" HD sunlight-readable display and integrated card reader ensure simple and intuitive operation.

Fully compliant

Easy access for everyone
- Barrier free design in accordance with DIN 18040-3 and DIN SPEC 91504

Complies with the latest German grid connection standards
- Grid connection and metering according to VDE-AR-N-4100

Future-proof with ISO 15118-20 readiness
- Hardware is ready for interoperable bidirectional charging (V2X)* and supports Plug & Charge authentication based on ISO 15118-2 and ISO 15118-20*

Adaptable

Public charger payment-ready
- Dynamic QR codes enable secure and intuitive ad hoc payments, specifically designed for publicly accessible EV charging stations and compliant with AFIR requirements.
- Supports multiple authentication methods including RFID, AutoCharge and ISO 15118 Plug & Charge for seamless session start.

Flexible metering options
- Choose between 1eHZ, 2eHZ or Dreipunkt meter systems.

Versatile outlet configurations
- Type 2 sockets or fixed charging cables — each option designed for maximum convenience and flexibility.

Wide back-end compatibility
- With more than 200 tested back-office integrations, Alfen chargers connect seamlessly to your preferred platform.
- Built on open standards and protocols to ensure easy integration with back-office systems and energy management solutions.

Integrated smart charging capabilities enable dynamic load balancing and efficient energy distribution across multiple charging stations.
- Supports scalable charging networks of up to 100 single-socket or 50 dual-socket stations within one Smart Charging Network.

* Specific functionality will be added in future firmware releases

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