



Compact and flexible charging for public environments

Eve Public Flex DE is designed for reliable, adaptable and future-ready charging at public locations. Built on the proven Eve Double Plus platform, it combines high operational reliability with a compact, modular power-supply unit developed for Germany.

The charging station can be installed in a standard or barrier-free configuration. Dedicated housing and adapter elements enable the configuration to be changed later without replacing the complete charging station. This reduces effort, costs and resource use while giving charge point operators flexibility throughout the product lifecycle.

The design meets current requirements for safety and user convenience and is intended for operation in accordance with relevant standards and regulations, including Eichrecht and accessibility requirements. Multiple metering, grid-connection and connectivity options support integration into different infrastructure concepts.

Key specifications

- › Standard or barrier-free configuration
- › Modular design for later conversion
- › Multiple meter configurations
- › Compliant with VDE-AR-N 4100:2026-04 and VDE-AR-N 4105:2026-03
- › ISO 15118 hardware-ready
- › Maximum charging power: 2 × 22 kW, depending on variant
- › External dimensions (H × W × D): 1700 × 382 × 470 mm



Eve Public Flex DE

Reliability & Low TCO

Durable design

- Charging station (Eve Double Plus): Sheet Moulding Compound housing, IP54 and IK10
- Power-supply unit (Eve Public Flex): Powder-coated stainless-steel construction, corrosion protection class C4, IK10, IP20 for the housing and IP44 for internal components
- Manufactured in Europe using A-grade components and extensively tested for robust, durable, safe and reliable performance

Built-in protection

- Charging station: 1 × RCD Type B per charging point
- Power-supply unit: SPD Type 1+2 and MCB C32 10 kA; service socket with RCBO Type A B10, 10 kA
- Easy maintenance
- The modular design enables fast component replacement and conversion between standard and barrier-free configurations while retaining the charging platform.

Ease of use

- The 7-inch HD sunlight-readable display and integrated RFID reader support simple and intuitive operation.

Adaptable

Flexible metering options

- 1 × eHZ meter configuration with a total capacity of 32 A
- 2 × eHZ meter configuration with a total capacity of 64 A
- Three-point meter configuration with a total capacity of 40 A

Customisation options

- Preferred colour, individual wrapping and design available on request

Ready for public charging payments

- Dynamic QR codes enable secure and intuitive ad hoc payments for publicly accessible charging infrastructure and are AFIR-compliant.
- RFID authentication
- girocard payment*
- ISO 15118 Plug & Charge*
- Remote app authentication*

Comprehensive back-end compatibility

- More than 200 tested back-end integrations support connection to a broad range of platforms.
- Built on open standards and protocols to enable straightforward back-end integration.

Fully compliant

Accessible for all

- Barrier-free design in accordance with DIN 18040-3 and DIN SPEC 91504

German grid connection requirements

- Technical connection rules for low-voltage systems according to VDE-AR-N 4100:2026-04
- Technical connection rules for power generation systems connected to the low-voltage grid according to VDE-AR-N 4105:2026-03

Future-ready with ISO 15118-20

- The hardware is prepared for interoperable bidirectional charging (V2X)* and supports Plug & Charge authentication according to ISO 15118-2 and ISO 15118-20 (Eve Double Plus).*

*Functions are currently under development.



Power to Adapt



www.alfen.com

Besuchen Sie unsere Produktseite für Eve Public Flex DE, um weitere Informationen zu erhalten.