

PILLAR

EDGE AC 2×22 kW

AGEVOLT
NEW AGE OF E-MOBILITY

AgeVolt Pillar EDGE 2×22 kW is an AC charger with advanced intelligent functions for electric vehicle charging, compatible with Plug Type 2. The charger is suitable for all outdoor and indoor areas, public and private parking spaces. Pillar EDGE is a perfect choice for parking spaces situated in shopping malls, supermarkets, fuel stations, motorway service areas, car-rental spaces, workplaces, warehouse and other public car parking areas. It is a modular charging station that can be customised according to customer requirements.

TECHNICAL SPECIFICATIONS

Number of EVSE: 2	Impact protection: IK08
Connection: Socket or Cable TYPE 2 Mennekes	Weight: 25 kg
Overall Dimensions: 300 × 1500 × 200 mm	Application Protocol: OCPP 1.6
Maximum EVSE performance: 22 kW	Material: Steel & ABS plast
Rated Voltage: 3× 400/230 V AC, 24 V DC	Access to device: Service (front) door panel
Rated current: 32 A	Status indication: RGB dynamic LED strips
Rated frequency: 50 Hz	Information display: Multilingual LCD
Protection level: IP54	Storage Operating temperature: -25 to 45 °C



KEY FEATURES

- ⚡ intuitive operating software
- ⚡ option to have customised branding
- ⚡ able to connect to an existing electrical connection; no upgrades needed
- ⚡ able to charge two vehicles at the same time
- ⚡ possibility to charge two vehicles at the same time
- ⚡ customer authentication using an RFID chip or mobile application using NFC or QR code
- ⚡ touch control display
- ⚡ local off-line operation without the need for internet connection
- ⚡ intelligent dynamic charging performance management
- ⚡ prevents exceeding the circuit breaker load and the reserved capacity of the building
- ⚡ compatible with AgeVolt mobile app and web application
- ⚡ public sharing via AgeVolt Digital Platform
- ⚡ dynamic LED strip
- ⚡ optional wired or wireless internet connection



Steel construction with a durable surface finish guarantees protection against adverse weather conditions



Option to connect the charging station with existing photovoltaics and charge using solar



Option to use only excess energy from solar panels for charging



Energy Management System – utilisation of free capacity of the electrical connection and charging optimisation according to the current consumption of the building



Easy and convenient charging through AgeVolt mobile application

Customise your charger

agevolt.com

AgeVolt Charging stations consist of several modules that can be implemented based on your preferences. A simple charger can become a smart solution that, in addition to charging, will serve as an electrometer and will be able to manage building consumption and communicate with internal systems.

Basic module

Vehicle connection method



Pillar EDGE with socket

The Charging station with a socket is an ideal solution for public and unguarded charging areas. The charger does not contain the assembled cable. An option is available to order a socket lock which will ensure the charging process is not interrupted.

Option to add the socket lock



Pillar EDGE with cable (5 m)

The Charging station with an assembled cable is an ideal solution for private or guarded charging areas. Charger with a cable makes the charging process more comfortable and faster for the driver since there is no need to use the own cable.

Additional modules

Accessories

More modules could be selected



Socket Lock*

A Socket Lock can lock the charging cable during the charging process, thus preventing another person from pulling it out and interrupting the charging process.

* Only for Pillar EDGE with socket



Energy Management System

This module contains an electricity meter which measures and regulates the charging power. This ensures vehicle charging is optimised without worrying about the circuit breaker failures or exceeding the reserved capacity.



Easy Installation Set

This module contains a metal frame (construction) which can be inserted into the concrete foundation and facilitate the installation of the charging station in such a place.

Optional charger equipment

Only one module could be selected



Internal protection

This module includes an internal circuit breaker, type A circuit breaker and DC protection. The charging station has to include this equipment if the secured supply cable protection for the charging station is not in place on the building side.



Smart System

In addition, to the Internal Protection, this module also contains a Smart System, which can operate several chargers within one location. It enables integration of the Local User Authorisation Module for each charger. Module also enables internet connection so that the charging process can be controlled through a web or mobile applications. This brings in many benefits such a real-time monitoring of the charging process, remote control of charging and option to share the charging points.

Local user authorisation

Only one module could be selected



RFID Card Reader

This module enables user authentication and authorisation via the RFID card assigned to the user or the vehicle. RFID is the best option for fleet vehicles and company vehicle users. It is also recommended for parking places without a stable mobile signal and for simple vehicle identification.



Integrated Display with RFID Card Reader

Integrated Display enables easy access to charging session information. Multiple charging points can be managed and operated through single display unit.