

# Pillar Edge

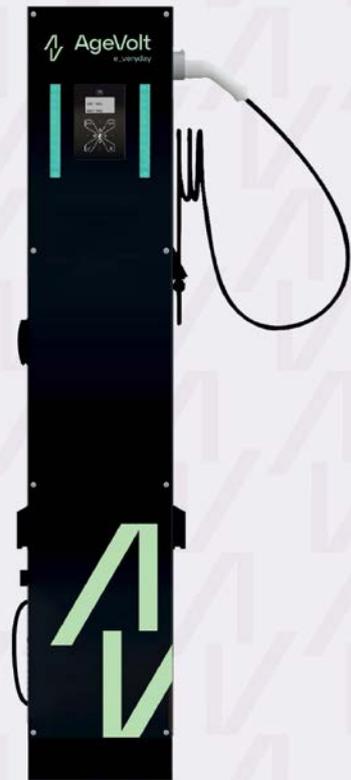
AC 2 × 22 kW

AgeVolt Pillar Edge 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.

## Key features

- + **intuitive** operating software
- + **local off-line** operation without the need for cloud connection
- + **intelligent** dynamic charging performance management
- + **prevents** exceeding the circuit breaker load and the reserved capacity of the building
- + option wired or **wireless internet connection**
- + user authentication **using an RFID chip** or application using NFC or QR code
- + option to have **customised branding**
- + **public sharing** via AgeVolt Digital Platform
- + possibility to charge **two vehicles at the same time**
- + **Simple control** using multilingual touch control display



No increase in fixed monthly costs for the electrical connection.



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



Easy and convenient charging through AgeVolt mobile application.



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



Able to connect to an existing electrical connection.



Utilisation of free capacity of the electrical connection and charging optimisation according to the current consumption of the building.

## Technical specifications

|  |  |
|--|--|
| Number of EVSE <b>2</b>                        | Impact protection <b>IK08</b>  |
| Connection <b>socket or cable TYPE 2</b>       | Weight <b>25 kg</b>  |
| Overall dimensions <b>300 × 1500 × 230 mm</b>  | Protokol <b>OCPP 1.6</b>   |
| Maximum EVSE performance <b>22 kW</b>          | Material <b>steel &amp; ABS plast</b>                                  |
| Rated voltage <b>3 × 400/230 V AC, 24 V DC</b> | Access to device <b>service (front) door panel</b>                     |
| Rated current <b>63 A</b>                      | Status indication <b>RGB dynamic LED strips</b>                        |
| Rated frequency <b>50 Hz</b>                   | Information display <b>multilingual LCD with touch control display</b> |
| Protection level <b>IP54</b>                   | Storage operating temperature <b>-25 °C to +45 °C</b>                  |

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agevolt.com



## Customise your charger

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 (without cable)

The charging station is an ideal solution for public and unguarded charging areas. 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

*Multiple options to choose from*



#### 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*



#### Smart Meter Pro

This module contains a fast meter that controls the charging power. This allows you to always charge your vehicles at full power without worrying about the power failure 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.

### + Additional modules Optional charger equipment

*You can select one of the variants*



#### Internal protection

The module includes residual current circuit breaker with overcurrent protection. These accessories are essential, unless the supply cable for the charging point on the building side is already protected.



#### Smart System

In addition, to the internal protection, this module contains a Smart System which can handle multiple chargers at a single location. It enables integration of the local user authorisation module for each charger. The Smart System also enables internet connectivity, meaning the charging points can be controlled by mobile and web applications offering advanced functionalities and benefits, e.g. remote charging control, charging point sharing with public, adding users and more.