# Wallbox One

## AC 1 × 22 kW

**AgeVolt**
e_veryday

AgeVolt Wallbox One is an AC charger with advanced intelligent functions for electric vehicle charging, compatible with Plug Type 2. It is a modular charging station that can be customised according to customer requirements. Wallbox One is a compact charger with a robust design, offering durability in both indoor and outdoor parking spaces.

## Key features

+ **intuitive** operating software
+ option of using energy from **photovoltaic panels**
+ **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**
+ public sharing via AgeVolt Digital Platform
+ option to have **customised branding**

No increase in fixed monthly costs for the electrical connection.

Aluminium alloy construction guarantees protection against adverse weather conditions.

Easy and convenient charging through AgeVolt mobile application.

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

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  **1** | Protection level  **IP54** |
| Connection  **socket or cable TYPE 2** | Impact protection  **IK08** |
| Overall dimensions  **314 × 264 × 125 mm** | Weight  **6 kg** |
| Maximum EVSE performance  **22 kW** | Material  **aluminium alloy** |
| Rated Voltage  **3 × 400/230 V AC, 24 V DC** | Protokol  **OCPP 1.6** |
| Rated current  **32 A** | Status indication  **backlit button** |
| Rated frequency  **50 Hz** | Storage operating temperature  **-25 °C to +45 °C** |

# 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



**Wallbox One with socket (without cable)**
The charging station with a socket 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*



**Wallbox One 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 charing cable during the charging process, thus preventing another person from pulling it out and interrupting the charging process.

*\* Only for Wallbox One 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.

## + 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. For example, remote charging control, charing point sharing with public, adding users and much more.

## + Additional modules  Local user authorisation

*You can select one of the variants*

**Integrated display with RFID card reader**
The display is integrated in the charger and displays information about the charging point and the charging process. Multiple charging points can also be operated from a single display unit in one location.