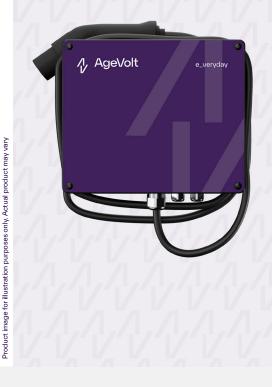
# Wallbox One



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
- + optional mounting on a stand





No increase in fixed monthly costs for the electrical connection.



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



Aluminium alloy construction guarantees protection against adverse weather conditions.

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Able to connect to an existing electrical connection.

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Easy and convenient charging through AgeVolt mobile application.

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

## Customize your Wallbox One

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.











## Wallbox One

## agevolt.com



## **Basic module**



Wallbox One with socket (without cable) The charing station with socket is an ideal solution for open public spaces, or unguarded parking areas thereby reducing the risk of theft or vandalism. Any damage to the mounted cable will put the entire charging station out of service.



Wallbox One with cable (2 x 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.

Technical specifications	
Overall dimensions (WxHxD) 314×264×125 mm	Weight 8 kg
Number of EVSE 1	Operating temperature -30 °C to +50 °C
EVSE socket version : TYPE 2 Mennekes socket (IEC62196-2)	Operating humidity 5 % to 95 %
EVSE cable version: TYPE 2 Mennekes cable 5 m (IEC62196-2)	Storage temperature -30 °C to +60 °C
Maximum EVSE performance 22 kW	Material Aluminium alloy (AIMgSi)
Rated Voltage 3×400/230 V AC, 24 V DC	Internal access Front panel
Rated current 32 A	Assembly access Front panel
Rated frequency 50 Hz	Status indication backlit button (LED)
Protection level IP54	Electric meter MID Class 1
Impact protection IK08	DC protection RCD DC 6 mA

### **Optional additional modules**



#### Smart System

Smart System can handle multiple chargers within one location. It 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, charing point sharing with public, adding users and more.



### Smart Meter

This module contains an electric meter that enables the Smart System to manage charging power. This allows you to charge your vehicles at maximum available power without worrying about a power failure or exceeding a reserved capacity.



#### Internal protection

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.



#### Display and RFID reader

Integrated display in the charger gives user information about charging session.

- + Power control dynamic energy management according to free capacity
- + Network Internet connection 10/100 BaseTX
- + Modbus TCP/IP
- + Wireless Internet connection LTE/3G, Wi-Fi
- + Protocol OCPP 1.6
- + Smart Meter Pro requires a Smart System, for power feeds up to 2,400 A
- + Smart Meter Home does not require a Smart System, for power feed up to 50 A
- Protective device circuit breaker and leakage current protection B/32 A, 30 mA, 3 + N, type A, 6 kA
- + Display with touch control
- + RFID reader 13.56 MHz, Mifare (ISO14443A, ISO15693)
- + Requires a Smart System



#### Custom branding

Custom design of the charging station.

- + Colour of enclosure
- + Front panel sticker