

PILLAR

EDGE

AGEVOLT
NEW AGE OF E-MOBILITY

AgeVolt's AC EDGE in pillar design is an AC charger with advanced intelligent features for electric vehicle charging and much more!.

It is compatible with Plug Type 2 and suitable for all makes and models of Electric Vehicles. The charger is suitable for all outdoor and indoor spaces, public or private parking lots, such as shopping malls, supermarkets, fuel stations, rest/motorway service areas, hotels, restaurants and the like. The configuration of this charger is fully adaptable to customer's needs.

KEY ADVANTAGES:

- intuitive operating software included in the price of the charger
- lifetime free system updates
- option to have customised branding
- can connect to an existing electrical connection
- option to integrate with the vehicle parking system
- option to connect with the photovoltaic panels
- option to charge two vehicles at the same time
- option to optimize single-phase charging
- compatible with OCPP 1.6 protocol
- customer authentication using an RFID chip or mobile application
- touch control display
- local operation without the need to connect to the cloud
- intelligent dynamic performance management
- prevents exceeding the circuit breaker load/reserved capacity
- compatible with the AgeVolt Digital Platform public peer-to-peer sharing application
- option of design with one or two charging points
- information display on a dynamic LED strip
- option to fit an extra socket for electric bicycles charging /vacuum cleaner
- tyre compressor
- internet connection - cable, optional LTE
- can communicate wirelessly with the control system
- communication with vehicle according to IEC 61851



All AgeVolt products are developed and manufactured in Slovakia.

STANDARD SPECIFICATIONS

Typ:	AC EDGE Pillar 2
No. of EVSE:	1 - 2
Vehicle connection:	socket TYPE 2 Mennekes (IEC 62196-2)
Overall dimensions:	380x1400x220 mm
Maximum EVSE performance:	22 kW
Rated voltage:	3x400/230V AC
Rated current:	32 A
Rated frequency:	50 Hz
Protection level:	IP54
Mechanical protection:	IK10
Weight:	35 kg
Operating temperature:	-25 °C to 45 °C
Operating humidity:	5 % to 95 %
Storage temperature:	-25 °C to 60 °C
Network connection:	10/100BaseTX (TCP-IP, RJ45)]
Protocol:	OCPP 1.6
Surface material:	Steel
Access to device:	Service (front) door
Mounting access to device:	Service (front) door
Status indication:	RGB dynamic LED strips
Information display:	Multilingual LCD
RFID reader:	MIFARE 13,56 MHz (ISO 14443A, ISO 15693)
Surge protection:	Circuit breaker
Security protection:	Residual-current device RCD type A (30mA) + RCD DD (6mA)

OPTIONAL EXTRAS

Surge protection:	4-pole circuit breaker (Class II)
Safety protection:	RCD type B (30mA)
Wireless connection:	LTE/3G , Wi-Fi
Car connection:	TYPE 2 Mennekes cable 4m
Performance control:	Dynamic control according to available capacity
Energy management:	Dynamic load protection (50 to 2400 A)
Electrometer:	MID Class 1
Wireless system connection:	868 Mhz
Phase Optimizer:	Optimize performance for single-phase charging
E-bike:	Socket for charging electric bicycles
Servicing socket:	230 V or 400 V additional socket
Compressor:	Compressor for inflating tires
Design:	Customised design & branding of chargers available