



iONiX

DC charging station AVA

Easy. Everywhere. On the go.

The charging station AVA fulfils the needs of all stakeholders: users, operators and electricians.

It is conform with German metering regulations, meets the requirements of the charging station ordinance LV2, and is classified and developed in accordance to the functional safety standard IEC 61508 with SIL2.

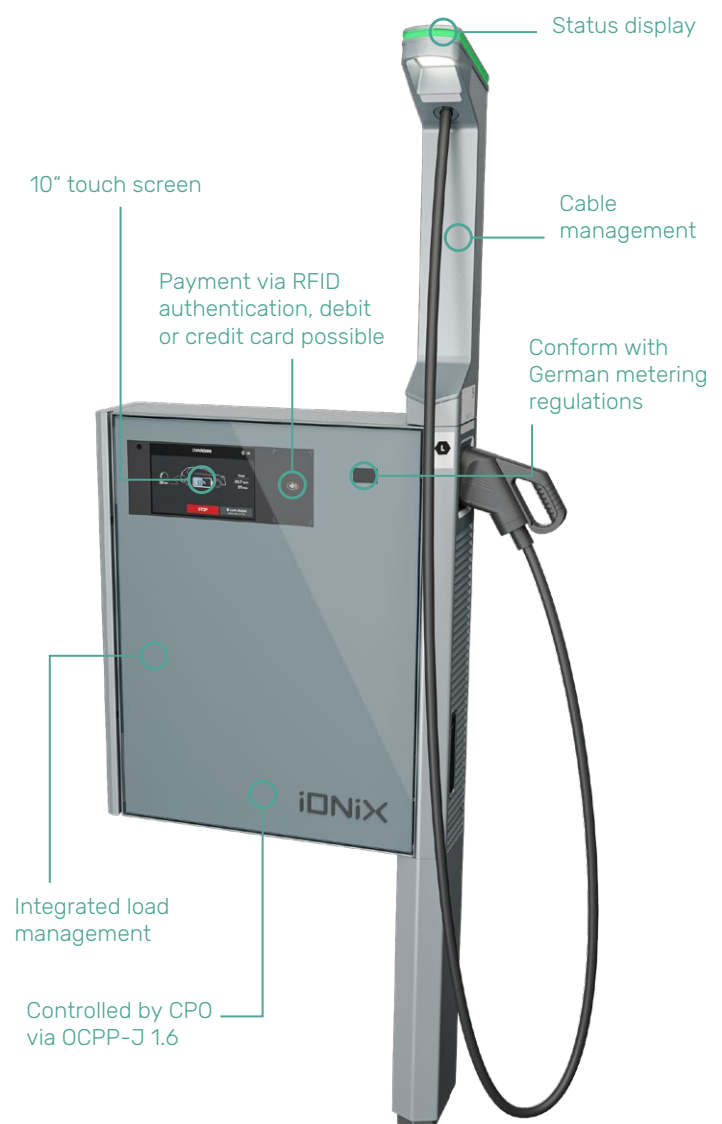
AVA is an asset to any environment and, above all, makes it possible to simply charge on the go. For example in front of the supermarket, shopping mall, during a customer meeting or a visit to a restaurant.

Smart home in the private space:

AVA can be integrated into the building's own energy ecosystem.

V2G-ready:

Thanks to its vehicle-to-home capability, AVA helps optimise energy costs.



Model shown is the wall-mounted AVA

Technical information

AVA

PARAMETER	SPECIFICATION
CHARGING	
Charging point	1×DC
Maximum power	25 kW
Charging voltage	200 V _{DC} to 1,000 V _{DC}
Charging rate	Up to 65 A
Charging cable / plug	Length 3.5 m, CCS2
Direct current meter	Conform with German metering regulations
INSTALLATION	
Connector / phase no.	Terminal up to 5×16 mm ² : L1/L2/L3 + N + PE
Voltage rate / frequency	360 V to 440 V / 48 Hz to 52 Hz
Maximum input current	43 A _{eff}
Mains system	TT, TN-S, TN-C-S
Harmonic content	THC/I: < 13 %
Cooling	Cooling fan, active
Cable entry	Bottom; optionally from the rear
Installation	Wall-mounted, free-standing with support stele
GENERAL	
Dimensions (H×W×D)	2,095 mm × 726 mm × 270 mm 1,540 mm × 726 mm × 270 mm (without pole base)
Weight incl. cable	90 kg
Protection code	IP54
Operating temperature	-25 °C to +40 °C
Efficiency	> 95 %
Noise emissions (maximum sound pressure level)	54.6 dB (A) *At 25 kW charging power, 18 °C ambient air temperature, sun with 1,100 W/m ²
Diagnostics	Monitoring for temperature, overcurrent, overvoltage, short circuit, DC insulation, DC residual current
Display	10" touch screen
COMMUNICATION	
Infrastructure	Ethernet, modbus, WiFi, GSM / LTE
Remote maintenance / configuration	Ethernet, GSM / LTE / Plug & Charge
Authentication	RFID / NFC / giro-e / Plug & Charge
Backend connection	OCPP-J 1.6
Energy management	EEBUS or integrated load management

Silver Atena GmbH
 Dachauer Strasse 655
 80995 Munich
 Tel.: +49 (0) 89 189600-0
 Fax: +49 (0) 89 189600-8517
 Email: info@silver-atenade
 www.silver-atenade

> www.ionix.de

