



# DC-charging system AVA 25

**iONiX**  
FULL. RANGE. POWER.

## Simple. Beautiful. Powerful

The AVA 25 DC charging station meets the need of all stakeholders - users, operators and fitters.

It has been developed and classified in **compliance with German calibration regulations and SIL 2 according to the functional safety standard IEC 61508.**

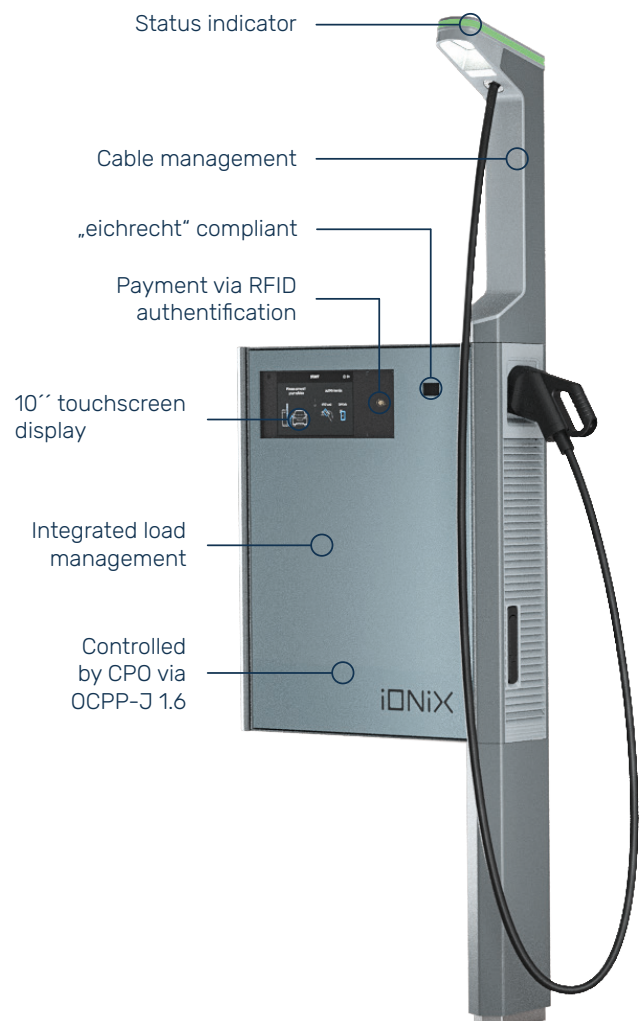
The AVA 25 is a valuable asset in every environment, especially since it enables convenient charging along the way - for example in front of the supermarket, at the shopping mall, during a customer meeting or while dining at a restaurant.

### Smart Home in private spaces:

The AVA 25 can be integrated into the energy ecosystem of the building.

### V2G-ready:

Thanks to its vehicle-to-home capability, the AVA 25 will also contribute to optimizing energy costs.



*Illustration shows wall-mounted AVA 25*

# Technical data

## AVA 25

PARAMETERS	SPECIFICATIONS
<b>CHARGING INTERFACES</b>	
Charging point	1 x DC
Max output power	25 kW
Output voltage	200 V <sub>DC</sub> ... 1000 V <sub>DC</sub>
Output current / <sub>max</sub>	Up to 65 A
Charging cable length	3,3 m / CCS2
<b>INSTALLATION</b>	
Network system	TT, TN-S, TN-C-S
Short-circuit current to the EVSE	50 kA
Characteristic of the upstream 3-phase circuit breaker	B
Tripping threshold of the upstream 3-phase circuit breaker	≤ 50 A
System configuration	3NAC 230/400 V
Wire size L1, L2, L3, N	6 mm <sup>2</sup> ... 16 mm <sup>2</sup> (10 mm <sup>2</sup> )
Wire size PE	10 mm <sup>2</sup> ... 16 mm <sup>2</sup> (10 mm <sup>2</sup> )
Insulation L1, L2, L3, N, PE	18 mm ... 20 mm
Nominal frequency	50 Hz
Nominal current (at max. power factor correction)	AC 43 A <sub>eff</sub>
Cable feed	bottom
Mounting system	wall mounting
Overvoltage category according to DIN EN 60664-1 III	III
Rated insulation voltage of network connection AC 400 V	AC 400 V
Rated voltage of network connection, phase N AC 230 V	AC 230 V
Rated voltage and rated insulation voltage of charging connection	DC 1000 V
<b>GENERAL</b>	
Dimensions (H x W x D)	
with cable cover	2.095 mm x 726 mm x 270 mm
without cable cover	1.550 mm x 726 mm x 270 mm
Weight	approx. 90 kg
Noise emission*	54,6 dB(A)**
* max. sound pressure level in 1 m distance	
** at 25 kW power and 18 °C ambient temperature	
<b>COMMUNICATION</b>	
Infrastructure	Ethernet, Modbus, WiFi, GSM/LTE
Remote maintenance/configuration	Ethernet, GSM/LTE
Authentication	RFID/NFC, Whitelist, free charging
Backend integration	OCPP-J 1.6
Energy management	EEBUS or integrated dynamic load management