



SIMPLE.
BEAUTIFUL.
POWERFUL.

IONiX
FULL. RANGE. POWER.



Products

AVA 25

The AVA 25 DC Charging Station provides quick charging times in urban areas, making it perfect for destination charging with a maximum charge time of up to 180 minutes.

Made in Germany, the AVA stands out for its top-notch quality in design, development, and production – it's technically advanced and meets all legal requirements.

Using the station is easy and straightforward with its 10-inch touch display, and the installation process is simple and quick.

It supports Plug & Charge and offers customisable branding options with white-label features. The station is compatible with OCPP 1.6 and ISO 15118, allowing it to be seamlessly integrated into various IT backend systems. With its stylish design, it's an ideal solution for modern urban charging networks.

BEYOND 50

The Beyond 50 DC Charging Station is a technically powerful and efficient solution for fast charging.

Thanks to its robust construction and low noise emissions of just 48 dB(A), it is ideal for residential areas (IEC 61851 – 21-2) and can be used both indoors and outdoors. This free-standing station offers an impressive efficiency rate of over 95% and enables destination charging in less than 60 minutes.

It is equipped with an ambient light feature that provides additional safety and ease of use.

The station's sleek and attractive design makes it not only functional but also visually appealing, making it ideal for use in urban and intercity locations.

Our benefits



Made in Germany

- „eichrecht“ compliant



Touchscreen

- 10-inch touch display
- Intuitive and easy to use



Quiet

- Low noise level due to an efficient ventilation system
- AVA 25: < 45 dB(A)
- BEYOND 50: < 48 dB(A)



Charging Hub

- Integrated dynamic/static load management
- Bender controller



Fast

- Rapid charging even with limited connection power
- Fully charged in 60 to 180 minutes**



Attraktive

- Striking design
- Glass front



Safety

- Enhanced safety with ambient lighting and status indicator
- Robust construction – IK 10



Future-Proof

- Plug & Charge (ISO 15118)
- Over-the-air updates
- Continuous software development



Optional Accessory for AVA 25 and BEYOND 50



Maximise the functionality and promotional impact of your DC charging station with our optional accessories.

- **Durable Foundation:** Ensure a secure and long-lasting installation of your charging station with our specially designed foundation. It provides reliable anchoring and stability for the charging station, regardless of environmental conditions.
- **Stainless Steel Stand:** For the AVA 25, we offer an elegant stainless steel stand that allows for a free-standing installation instead of mounting the charging station on a wall. This provides greater flexibility in placement and offers an attractive appearance.

- The integrated 55-inch advertising display provides ample space for digital advertising content. This content can be easily and flexibly configured and updated online. The display can be installed on the back of the stainless steel stand for the AVA 25 or on the back of the free-standing Beyond 50 charging station to maximise visibility.

This accessory turns your DC charging station into not just a functional charging point, but also an effective marketing tool!



Technical Data

AVA 25

BEYOND 50

CHARGING INTERFACES

Charging point	1 x DC	1 x DC
Max output power	25 kW	50 kW
Output voltage	200 V _{DC} ... 1000 V _{DC}	200 V _{DC} ... 1000 V _{DC}
Output current / _{max}	Up to 65 A	Up to 130 A
Cable length	3,3 m / CCS2	3,3 m / CCS2
Metering „eichrecht“ compliant	6,5 A ... / _{max}	6,5 A ... / _{max}

SYSTEM SPECIFICATIONS

Dimensions (H x W x D)	2.095 mm x 726 mm x 270 mm 1.550 mm x 726 mm x 270 mm	2.298 mm x 726 mm x 270 mm
Weight	Approx. 90 kg	Approx. 160 kg
User interface	10" touch screen	10" touch screen
Cooling	Active air cooling	Active air cooling
Noise emission	< 45 dB(A) (distance 3m)	< 48 dB(A) (distance 3m)
Efficiency at rated power		> 95 %
Protection type	IP54	IP54
Impact resistance	IK 10	IK 10
Cable management	Integrated cable management thanks to the raised mast/pole	Integrated cable management thanks to the raised mast/pole

INSTALLATION

Power type	3NAC 230/400 V	3NAC 230/400 V
Power system	TT, TN-S, TN-C-S	TT, TN-S, TN-C-S
Frequency	50 Hz	50 Hz
Nominal current	AC 43 A _{eff}	AC 85 A _{eff}
THD/I (Total harmonic distortion according to DIN EN 61000-3-12)	< 5 %	< 5 %
Installation location	Suitable for indoors and outdoors	Suitable for indoors and outdoors
Mounting	wall mounting	stand mounting
Cable supply	below	below

COMMUNICATION

Network connections	Ethernet, Modbus, WiFi, GSM/LTE	Ethernet, Modbus, WiFi, GSM/LTE
Remote management	Ethernet, GSM/LTE	Ethernet, GSM/LTE
Authentication	RFID/NFC, Whitelist, free charging	RFID/NFC, Whitelist, free charging
Network communications protocol	OCPP-J 1.6	OCPP-J 1.6
Energy management Con	EEBUS or integrated dynamic load management	EEBUS or integrated dynamic load management

STORAGE/TRANSPORT CONDITIONS

Ambient temperature	-25 °C to 70 °C	-25 °C to 70 °C
Relative ambient humidity	5 % to 95 %, non-condensing	5 % to 95 %, non-condensing

OPERATING CONDITIONS

Ambient temperature	-25 °C to 50 °C (from 40 °C power reduction)	-25 °C to 50 °C (from 40 °C power reduction)
Relative ambient humidity	5 % to 95 %, non-condensing	5 % to 95 %, non-condensing

Destination Charging Made Easy

Our DC charging station for electric vehicles enables fast and straightforward charging in urban areas. Ideal for destination charging, it offers charging times from 60 to a maximum of 180 minutes, providing the perfect solution for situations such as shopping, dining, or business appointments, where quick and reliable power supply is essential.



PRIVATE HOME

> in semi-public areas

private and professional



WORKPLACE



APARTMENT COMPLEX



CUSTOMER PARKING AREA

> in public areas

inner city



STREET AREA