



iONiX

## DC charging station iONiX 25 / iONiX 50

### Easy. Everywhere. On the go.

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

It is "eichrecht"-ready, meets the requirements of the [charging station ordinance](#), complies with the [functional safety IEC 61508 SIL2](#) standard and offers two [DC charging](#) variants: 25 kW and 50 kW.

The iONiX 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 – in 30 to 60 minutes, the vehicle is sufficiently charged.

### Smart home in the private space:

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

### Bidirectional:

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



*Model shown is the wall-mounted iONiX 25*

# Technical information

	iONiX 25	iONiX 50
PARAMETER	SPECIFICATION	SPECIFICATION
<b>CHARGING</b>		
Charging point	1×DC	1×DC
Maximum power	25 kW	50 kW
Charging voltage	200V <sub>DC</sub> to 1,000V <sub>DC</sub>	200V <sub>DC</sub> to 1,000V <sub>DC</sub>
Charging rate	up to 65A	up to 130A
Charging cable / plug	length 3.5 m, CCS2	length 3.5 m, CCS2
DC meter	"eichrecht" compliant	"eichrecht" compliant
<b>INSTALLATION</b>		
Connector / phase no.	terminal up to 5×16 mm <sup>2</sup> : L1/L2/L3 + N + PE	terminal up to 5×50 mm <sup>2</sup> : L1/L2/L3 + N + PE
Voltage rate / frequency	360V to 440V / 48 Hz to 52 Hz	360V to 440V / 48 Hz to 52 Hz
Ampacity	max. 43A <sub>eff</sub>	max. 83A <sub>eff</sub>
Mains system	TT, TN-S, TN-C-S	TT, TN-S, TN-C-S
Harmonic content	THC/I: < 13%	THC/I: < 13%
Cooling	cooling fan, active	cooling fan, active
Cable storage	bottom; optionally from the rear	bottom
Installation	wall-mounted / free-standing	free-standing
<b>GENERAL</b>		
Dimensions (H×W×D)	2,095 mm×726 mm×270 mm 1,540 mm×726 mm×270 mm (without base pole)	1,600 mm×726 mm×270 mm (excluding lamp)
Weight	90 kg	140 kg
Protection code	IP54	IP54
Operating temperature	-25 °C to +40 °C	-25 °C to +40 °C
Efficiency at rated power	> 95 %	> 95 %
Noise emissions (maximum sound pressure level)	54.6 dB (A) *18 °C ambient air temperature, sun with 1,100 W/m <sup>2</sup>	54.6 dB (A) *18 °C ambient air temperature, sun with 1,100 W/m <sup>2</sup>
Diagnostics	monitoring for temperature, overcurrent, over-voltage, short circuit, DC insulation monitoring, AC residual current	monitoring for temperature, overcurrent, over-voltage, short circuit, DC insulation monitoring, AC residual current
Display	10" touch screen	10" touch screen
<b>COMMUNICATION</b>		
Infrastructure	ethernet, modbus, WiFi, GSM / LTE	ethernet, modbus, WiFi, GSM / LTE
Remote maintenance	ethernet, GSM / LTE	ethernet, GSM / LTE
Authentication	RFID / NFC / giro-e	RFID / NFC / giro-e
Backend connection	OCPP 1.6 / 2.0	OCPP 1.6 / 2.0
Energy management	integrated load management	integrated load management
Energy star	compliant	compliant

iONiX is a brand of the Bender Group and Silver Atena GmbH.

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