

e:car COLUMN

Freestanding charging column for corporate and public charging

The station with the possibility of your own design

- 2 charging points in one device
- smart Load Management according to the needs of the building connection
- possibility of remote access and user management
- possible to use as a public charging station incl. integrated payment gateway
- triggering via RFID or QR payment, possibility of integrating a payment terminal
- integrated RCD protection device
- complies with AFIR regulations

Charging power up to 2x 22 kW from one station

Modular component design - easy upgrade or repair

Designed in the spirit of **ecodesign** with an emphasis on **circularity** and **sustainability**

3-year warranty on power electronics, including business/ corporate clients

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Charger configurations and their typical applications

Charger type / Typical use	SMART (S)	PREMIUM (P)
e:car WALL COLUMN 2x socket	Small businesses and provate-use fleets	Public charging station
e:car WALL COLUMN 2x integrated cable		Fleets and restricted-access sites

Specification	
Use	Indoor / outdoor
Mounting	Free-standing
Material	Lacquered steel, tempered glass
Supply network	3/N/PE AC 400 / 230 V 50 Hz TN-S
Working voltage	400 V AC +/- 10%
Number of charging points	2
Output	Type 2 Cable / Socket
Cable length	5 m / 8 m / custom
Maximum charging current output	3x 32 A / charging point
Maximum charging power output	1,5-22 kW / charging point
AC output voltage	400 / 230 V
Residual current circuit breaker	Integrated, EV type (30 mA AC, 6 mA DC)
IP Protection	IP 54
Operating temperature	-30 °C up to + 50 °C
Status indication	RGB Indicator
Dimensions (2x socket) (W x H x D)	1770 x 328 x 220 mm
Dimensions (2x cable) (W x H x D)	1770 x 328 x 415 mm
Weight (depending on configuration)	22-35 kg

Technologies and equipment levels			SMART	PREMIUM
Display 7”			•	•
RFID and remote authorization (app)			•	•
Connectivity LAN, Wi-fi, LTE			•	•
Protocol OCCP 1.6J, 2.0.1				•
Modbus TCP			•	•
ISO 15118				•[1]
Home Assistant Integration			•	•
Operating modes			•[2]	
Charging from PV surplus			•[3]	
Dynamic Load Management	up to 400 A		Wireless	
	over 400 A		Wired	
	Integrated connection load meter	up to 63 A	•	o
		up to 120 A	o	o
		up to 400 A	o	o
Charging statistics incl. export			•	•
Remote updates (OTA)			•	•
Web-based management			•	•
MID certified energy meter				•
Public charging station (CPO)				•

• Standard equipment
o Optional

[1] Available from 2027
[2] **Eco** - charging using surplus power from a photovoltaic (PV) system.
Normal - charging is controlled by the Dynamic Load Management.
Boost - EV charging takes priority over other building power demands.
[3] PV surplus must exceed 6 A.

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Standard designs

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Depicted version	2x Type 2 socket
Colour design	Burberry Stripes



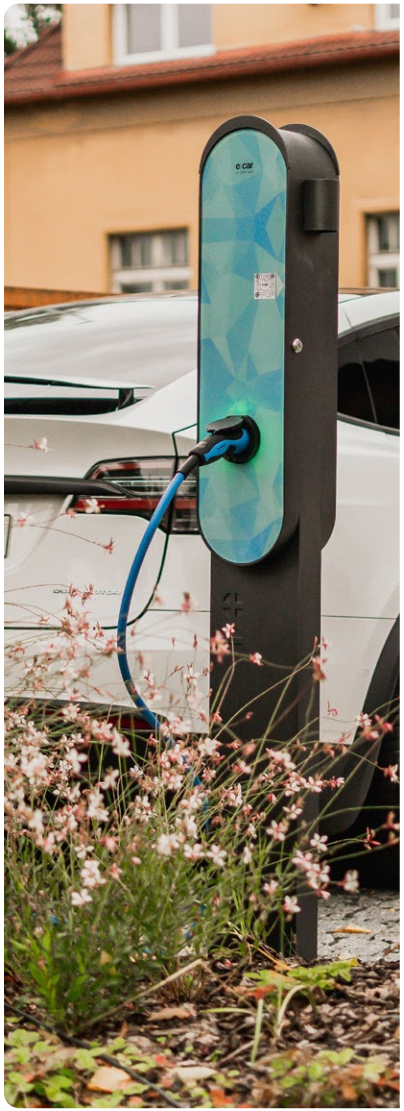
Depicted version	2x Type 2 cable
Colour design	Anthracite Stripes

The station is an ideal solution for public and fleet vehicle charging. Its appearance and internal equipment can be adapted to the customer's needs and the front panel graphics can be supplemented with, for example, a company logo, your own photo or other message.

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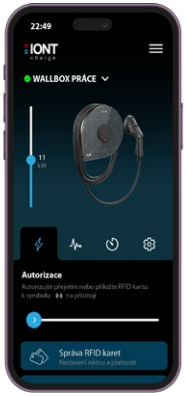
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Glass design Blue Lagoon



Front panels material Carbon fiber





App

Manage and authorize IONT devices remotely – set charging schedules, current limits, or operating modes for multiple units effortlessly from a single application.



Safety first

Safety first: IONT devices equipped with a cable feature an integrated temperature sensor that interrupts charging if the temperature rises.

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