

e:car WALL

Wallbox for corporate, home and public charging

A variable solution for your needs by IONT tech

- up to 2 charging points in one device
- possibility of individual front panel design
- 2 equipment levels (BASIC, SMART)
- control via mobile phone app
- charging from solar surpluses (SMART version)
- remote access and user management option
- adjustable charging timers
- starting via RFID or autonomously

Charging power up to 2x 22 kW from one station

Wireless dynamic load management with easy installation

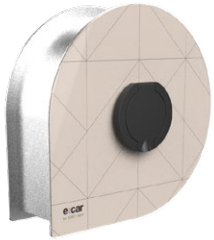
Designed in the spirit of **ecodesign** with an emphasis on **circularity** and **sustainability**

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

www.iont.tech/en

e:car WALL

Model overview

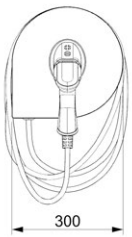
SINGLE		DOUBLE	
Socket	**Cable**	**Socket + Cable**	**2x Cable**
ECW1Z	ECW1T2	ECW1Z1T2	ECW2T2
			
Glass design shown Burberry stripes	Glass design shown Pllus-minus blue	Glass design shown White	Glass design shown Anthracite stripes

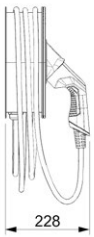
Equipment levels

BASIC	Automatic start of charging after connection to an electric vehicle. Suitable for users who do not need advanced functions and do not want to set anything.
SMART	Includes advanced features such as Dynamic Load Management, the ability to set charging modes (Eco, Normal, Boost) and several timers. Connected to the application for multiple devices.

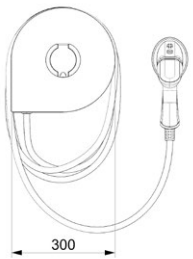
Specification

Use	Indoor / outdoor
Mounting	Wall Floor stand
Material	Stainless 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	1-2
Output	Type 2 Cable / Socket
Cable length	5 m / 8 m / custom
Maximum charging current output	Up to 2x 32 A
Maximum charging power output	Up to 2x 22 kW
AC output voltage	400 / 230 V
Residual current circuit breaker	Integrated (30 mA AC, 6 mA DC)
IP Protection	IP 66
Operating temperature	-30 °C up to + 50 °C
Status indication	RGB Indicator
Dimensions Single (W x H x D)	300 x 300 x 228 mm
Dimensions Double (W x H x D)	300 x 300 x 142 mm
Weight (depending on configuration)	9-15 kg





1 charging point version





2 charging points version

Technologies and equipment levels

			BASIC	SMART
Autonomous control			•	
RFID and remote authorization (app)				•
Connectivity LAN, Wi-fi, LTE				•
Modbus TCP				•
Home Assistant Integration				•
Adjustable power 1,5-22 kW			•	•
Operating modes				•[1]
Charging from PV surplus				•[2]
Dynamic Load Management	up to 400 A			Wireless
	over 400 A			Wired
	Integrated connection load meter	up to 63 A		•
		up to 120 A		o
		up to 400 A		o
Web-based management				•
Charging timers				•
Charging statistics incl. export				•
Remote updates (OTA)				•

• Standard equipment
o Optional

[1] **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.

IONT tech

Why choose e:car WALL by IONT tech?

RCD **Integrated RCD** - the Residual Current Device is already integrated in all devices and therefore no additional investment is required.

Modular design - allows easy future upgrades of features or fast component replacement.

Stainless steel body and tempered glass front panel with the possibility of your own pattern. Functional design is adapted to safely store the cable. All this significantly extends the life cycle of the product.

Fixed or variable **charging power settings** from 1.5 to 22 kW. **Wireless Dynamic Load Management** automatically regulates the charging power according to the needs of the household.

Integrated cables or Type 2 sockets - no need to think about the charging connector - Type 2 is the most common type of connector for slow charging and will serve 99% of electric vehicles.

Authorization (charging start) automatic (BASIC equipment) or via an application (SMART) or via an RFID card or chip, even in your own design or with your existing cards.

3-year warranty on power electronics – including commercial & corporate use.



Heat sensor 100°C

Safety first

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

App

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



Proudly designed in the middle of Europe
with the respect for the environment.

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