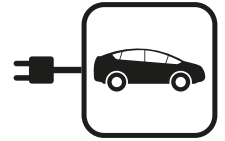




e:car
WALL



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
- use of overflows from PV (SMART equipment)
- 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



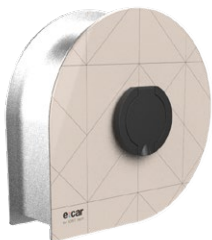
Designed in the spirit
of **ecodesign** with an
emphasis on **circularity**
and **sustainability**



3-year warranty
on performance
electronics, even for
corporate customers

www.iont.tech/en

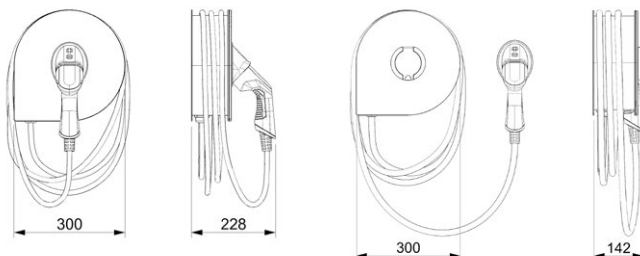
Model overview

SINGLE		DOUBLE	
Socket	Cable	Socket + Cable	2x Cable
ECW1Z	ECW1T2	ECW1Z1T2	ECW2T2
			
Glass design shown Burberry stripes	Glass design shown Plus-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 Stand in space
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	Cable / Socket Type 2
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 equipment)	9-15 kg



Technologies and equipment levels		
	BASIC	SMART
Autonomous control	•	
RFID authorization		•
LAN connectivity		•
Communication RS 485	•	
Communication Wi-Fi, Ethernet		•
Adjustable power 1,5-22 kW	•	•
Dynamic Load Management*		•
IONT.info App		•
Eco operating mode**		•
Normal operating mode***		•
Boost operating mode****	•	•
Charging timers		•
Charging statistics incl. export		•
Remote updates (OTA)		•

* Dynamic Load Management (DLM, also Load Balance) - a smart system that continuously monitors the total consumption of a household (or other object) and automatically adjusts the charging power of the electric vehicle. It ensures the maximum possible charging without the risk of overloading the main circuit breaker and power outage.

** Eco operating mode - charging from photovoltaic power plant (PV) overflows

*** Normal operating mode - charging is controlled by the Dynamic Load Management, see above.

**** Boost operating mode - charging the electric vehicle has priority over other conditions of the object. Energy consumption is controlled by communication with the electric vehicle.

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 - the IONT solution consists of many modules that allow the charging device functions improvement in the future or their easy replacement in the event of a problem.



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 performance electronics, even for corporate customers.



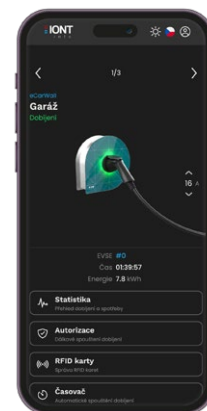
Heat
sensor
100°C

Safety first

IONT devices equipped with a cable have an integrated temperature sensor which interrupts charging in case of an increase in temperature.

App

IONT devices can be authorized remotely, set timers or charging currents or change the charging mode according to your needs. And this for multiple devices from one application.



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