

### SMART Daily Energy







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Innovation, in everyday life. JoinOn offers products and technological services that interpret and anticipate the needs and demands of today's society.



The new offer for charging all standard compliant electric vehicles, connecting means of transport and people.

## The advantages of e-mobility





MORE BENEFITS, FEWER COSTS

NO STRESS, MORE TIME

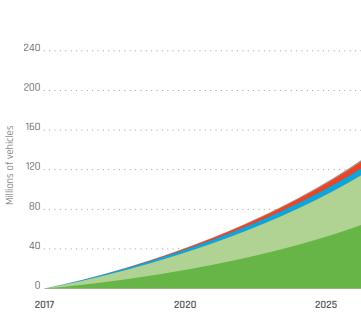
- Increased earnings for your business
- Lower maintenance costs and greater guarantee for the life span of the electric vehicle
- Tax concessions for the purchase of electric cars and infrastructure
- Access to restricted traffic areas Possibility of parking in
- dedicated areas Faster and more powerful charging

What is JoinOn?

#### JOINON IS A SOLUTION DESIGNED WITH THE USER IN MIND

JoinOn is the perfect solution with all the requirements of an ever-increasing eco-dynamic and eco-sustainable life.

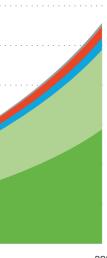
#### 2030 ELECTRIC VEHICLE GLOBAL LANDSCAPE





#### ENVIRONMENTAL PROTECTION

Zero emissions and reduced pollution



BEV Battery Electric Vehicles 

PHEV Plug-in Hybrid Electric Vehicles

International Energy Agency Global EV Outlook 2018

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**JoinOn is a GEWISS service** Much more than a simple range of useful products for charging electric vehicles. **GEWISS' wide range of charging stations** allows you to choose the correct product according to installation scenarios and any specific needs.





## Charging stations: solutions for an electrical way of life

## what does **JoinOn** offer?

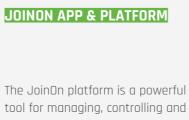


COMPONENTS



CHARGING STATIONS

Sockets, connectors, protection devices and the entire structure are all "made in GEWISS"; this makes JoinOn the ideal solution for demanding OEM customers looking for 100% reliable products with guaranteed quality. Compatible with any standard compliant electric vehicle, available for installation on the ground or via the wallbox, JoinOn charging stations can be fitted in any type of car park, thanks to a targeted study on user experience, and the highest degree of protection available on the market (IP55). The stations can be fully customised by the client and are covered by a nationwide support service.



The JoinOn platform is a powerful tool for managing, controlling and supervising your charging stations. With geo-location based App, it allows you to increase the visibility of your infrastructure and makes charging simple, intuitive and immediate for any e-Driver.



INVOICING

JoinOn also takes care of collecting all revenues generated from e-Driver customers who use stations via JoinOn or third parties Apps (with a roaming agreement), delivering them to the charging station owner. A S

24/7 SERVICE

A professional and fast service that is always active, with dedicated helpdesk and technical support for JoinOn customers.

I-ON

#### I-ON WALL





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For all customers who are interested in joining the e-mobility Business, with their own brand on the market, JoinOn provides a management platform with its customisable associated App. It also provides charging infrastructure, with customisable colours and graphics, so that customers can benefit from a complete solution for managing their network and clients.

## high-visibility LED

# 'one-hand" **charging**









**GEWED** 

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## <u>I-ON</u> for a perfect habitat





#### CONTEMPORARY DESIGN, SUITABLE FOR ANY URBAN CONTEXT

- .
  - positioned to face the e-Driver.
- .

- energy supply.

- and anti-corrosion treatment.

### CONVEY YOUR BRAND THROUGH

#### REDUCED OPERATING COSTS

- · Guaranteed savings over the product's life cycle, thanks also to the unified management of standard and extra maintenances.
- .

• A unique style, with an exclusive hexagonal shape, capable of integrating perfectly into any parking configuration, even in Back-To-Back configuration (two contact units, one behind the other), with a considerable saving on installation costs.

The "ONE HAND" socket offers an improved user experience. The lighting system turns on during charging and the sockets are ergonomically

High-efficiency RGB LEDs, also visible remotely and from any side of the charging station.

The large door at the front guarantees accessibility to all parts inside the column, for a simpler, convenient and cost-effective maintenance.

#### MAXIMUM RELIABILITY GUARANTEED THROUGHOUT THE PRODUCT'S LIFE CYCLE

• A high level of protection against bad weather conditions and impacts, always guaranteeing perfect

• Highest degree of protection against dust and fluid penetration available on the market today: IP55. • All versions of I-ON are finished with anti-graffiti paint

### CUSTOMISABLE GRAPHICS ON THE FRONT

• A fully customisable front panel, ensuring a perfect familiarity with the surrounding environment or with the graphic identity of the managing user.

Approved by Deutsche Telekom, which certifies its simplicity of maintenance and accessibility.

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## I-CON the future solutions of today in your home

**GEWIED** 

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#### SOPHISTICATED AND ERGONOMIC DESIGN PERFECT FOR DOMESTIC CONTEXTS

- "ONE HAND" socket offers an improved user experience.
- PREMIUM version: equipped with an innovative user interface system, composed of a display and a touch slider, that allows the user to view messages and manage charging settings locally, immediately and intuitively. This version is also available with Backlight system, with the front status bar also replicated at the back, reflecting the colour on the installation wall.
- Compact and easy to install: front opening with 1/4 turn screws, both wall-mounted and flushmounting (I-CON only).
- The front panel can be customised upon request.

#### MAXIMUM RELIABILITY GUARANTEED THROUGHOUT THE PRODUCT'S LIFE CYCLE

- A high level of protection against bad weather conditions and impacts, always guaranteeing perfect energy supply.
- Highest degree of protection against dust and fluid penetration available on the market today: IP55.

#### PREVENTS BLACKOUTS AND OFFERS OPTIMAL MANAGEMENT OF ELECTRIC VEHICLE CHARGING

- For semi-public applications, it is possible to dynamically manage charging on one or more stations through the OCPP protocol (DYNAMIC LOAD MANAGEMENT function).
- In domestic environments, the integrated DLM communicates with other household charging and allows the best charging power management, to avoid exceeding the maximum power available.

#### REDUCED OPERATING COSTS

- Maintenance is simple and parts are replaceable immediately.
- A configuration App is also available: designed for the installer, it helps the charging station to start up in a more simple, immediate and intuitive way.





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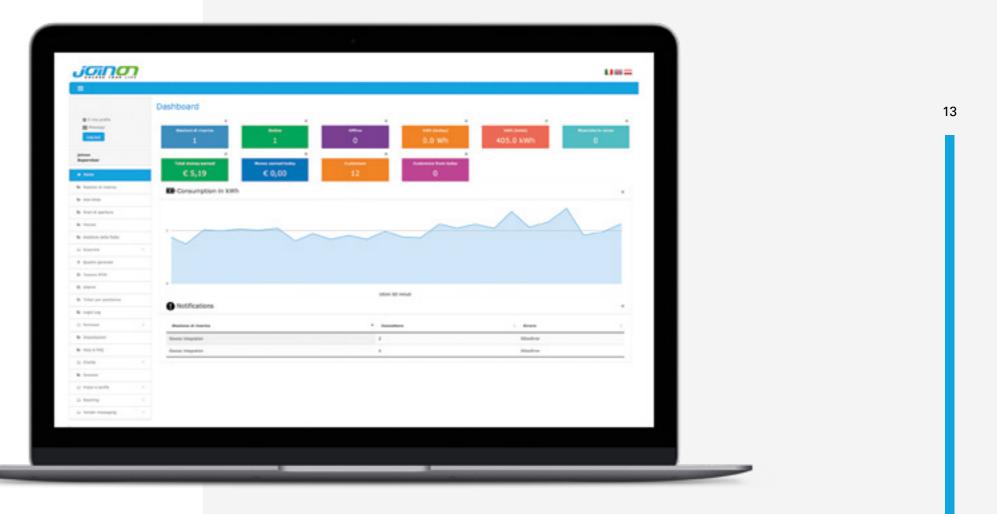


flush-mounting version

## Smart **Software** for station managers

A plenty of solutions that provide you greater visibility on a wide audience





#### CONTROL OF ALL EXISTING STATIONS

The station owner can **monitor the situation** of individual stations in any time, evaluating potential and individual problems through **a single** checkpoint.

#### MAIN SOFTWARE FUNCTIONS

- Charging station organized list.
- · Charging station information.
- Power setting, prices and charging station sockets.
- User status monitoring (free, occupied, under maintenance).
- Address and opening hours.
- Remote activation/de-activation
- Payment and invoicing management.





- e-Driver customer information for accessing infrastructure.
- Level access for the different operator roles.
  - Opening tickets and dealing with
  - malfunctions.

.

.

- Interoperable with external platforms.
  - Dynamic load management.
- Historic data export
  - (formats: CSV, EXCEL, PDF).



JoinOn and you're always on the move



GEOLOCATION

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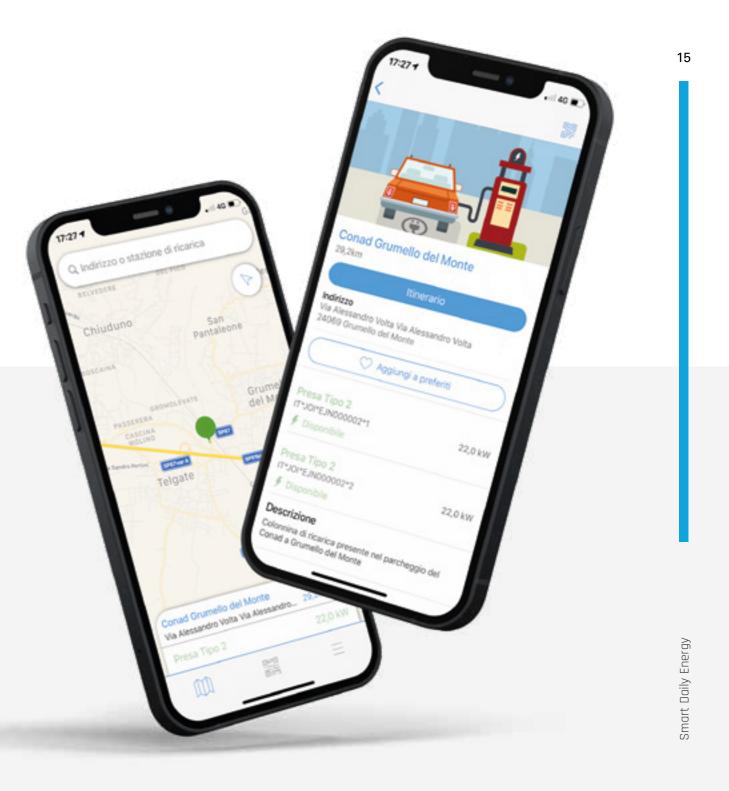




24/7 CALL CENTRE

#### MAIN APP FEATURES

- Geolocation of available charging stations on the map. .
- Activation of the navigation system to the charging stations. .
- Display of available socket types at selected charging stations. .
- Display of prices for accessing the charging service. .
- Management of charging station search filters. .
- Top-up function for the Wallet associated with each account. .
- Activation, monitoring and management of the charging process.
- Receipt of invoices for the carried out charging operations. .
- Display of history of the carried out charging operations. .
- List of "favourite" charging stations.



operations.

NAVIGATION

CHARGE MONITORING

PAYMENTS

#### A NEW FUNCTIONAL AND ENVIRONMENTALLY-FRIENDLY PERSPECTIVE FOR THE DEVELOPMENT OF MOBILITY

Through a specific App that geolocalises charging points, provides specific information on availability, remote monitors socket status and reserves, enables or disables charging

The App is a fundamental tool for e-Drivers, allowing them to travel without worries, knowing when and where they need to stop to "fill up", eliminating range anxiety.

## 0% concerns, 100% support

**GEWIED** 

JoinOn Platform connected Charging stations do not require special or frequent maintenance, thanks to the possibility of **performing remote diagnostics** in the event of charging problems via the management platform.

Any problems or difficulties in the normal use of the product can therefore be **verified and restored remotely,** thus guaranteeing **a simple, fast and convenient maintenance service.** In addition, **we constantly update the firmware** of our charging stations to the latest available version, **ensuring optimal performance at all times and compatibility with new electric vehicles** of the future.

#### TECHNICAL SUPPORT

Standard maintenance and extra assistance are fundamental components for ensuring continuity of service of charging stations located in public, often subject to "critical" conditions of use.



#### 24/7 HELP DESK

Available 24/7 for both the charge point operator and the e-Driver, with guaranteed availability of qualified personnel to remotely solve any faults/malfunctions for the e-Driver user who is charging at the JoinOn charging station.

## Discover the benefits of JoinOn for business users

## **Public** contexts

Who is JoinOn for?





TOURIST <u>FACI-</u> LITIES

SPORTS CONTEXT

### **Why** choose JoinOn?





TURNKEY SOLUTION

increases visibility of the JoinOn users, but also for providers, both in Italy and

A complete service, including the design and installation of charging stations with subsequent after-sales management and 24/7 maintenance and assistance services.

INCREASED VISIBILITY

Geolocation of charging

points via the App

stations, not only for

all e-Drivers with active

contracts with other

abroad.

jGiNO





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RETAIL



PARKING



JoinOn returns earnings generated from charging directly to the station owner, without the need for external organisational and administrative resources.



AND CONTROL

Remote monitoring of consumption, socket status and operations carried out at the charging point, even in case of malfunctions.

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#### An exclusive service offering for a growing potential customer base

#### Q₩ F ഫ്ര RECREATIONAL **HOTELS AND** PORTS AREAS BENEFITS **BED & BREAKFAST** AND CAMPSITES **RESTAURANTS AND MUSEUMS** Increased **number of** guests and visitors An eco-sustainable offer to give an environmentally-friendly aspect to your brand An exclusive offer for customers and a constantly-growing source of revenue for the operator Remotely-managed power and charging 24/7 support with one single point of contact, **a turnkey** solution (full service)

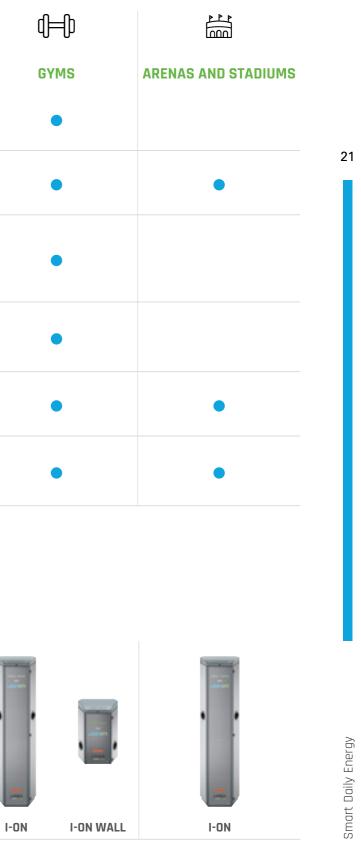
## Sports context

#### Choose to improve your brand image in compliance with current regulations

BENEFITS	SPORT CENTRES	
Increased number of members in your facility	•	
Make your <b>image green-</b> orientated	•	
A new service for the customer, the perfect proposal to <b>increase</b> <b>revenue</b>	•	
<b>Retain customers</b> by linking the charging offer to loyalty programs	•	
Easy and accessible remote control of charging power	•	
A 24/7 support service, a <b>full service solution</b> with a single point of contact	•	







#### Provide customers with a new strategy to increase their business revenues

		) <u> </u>	Ê	(j)
BENEFITS	LARGE-SCALE DISTRIBUTION & SERVICES	SHOPPING CENTRES	RETAIL OUTLETS	OIL & GAS
Increased number of customers	•	•	•	٠
Improve <b>the 'green'</b> image of your Brand	•	•	•	•
An additional customer service and a <b>new source of revenue</b> for the operator				•
Possibility <b>of remote</b> <b>power control</b> and <b>charging</b> <b>management</b>	•	•		•
A <b>turnkey solution</b> (full service) with a single point of contact and a 24/7 support service	•	٠	•	٠

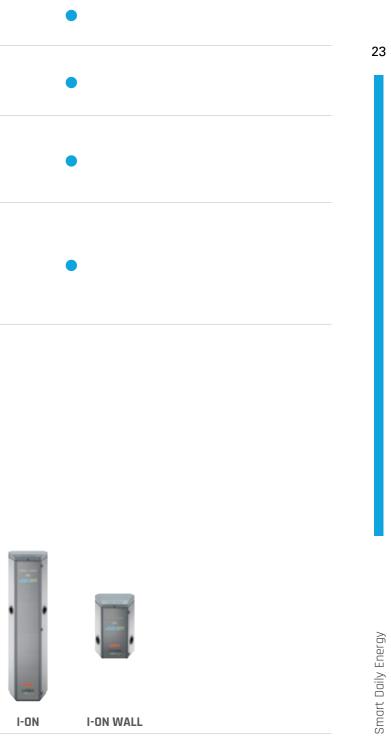
## Parking

#### Choose a customisable service for the software in your facility

BENEFITS	
Number of Users	
improvement	
Improve the	
eco-sustainable <b>image</b>	
<b>of</b> your facility	
More services for the	
customer, greater influx	
at the facility, <b>more</b>	
profits for the operator	
Possibility to integrate	
the charging service	
<b>software</b> with the	
access control and	
currently in use	
payment systems	







Model

COID OF COLOR



#### JBLIC PARKING



## How does JoinOn boost your business?

A goal and a promise, all the benefits of the services offered by JoinOn guarantee potential growth for your business. A turnkey environmentally-friendly offer of efficient hardware and software that **added to your** business services, increasing customers and sales as a consequence.



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With the JoinOn platform you can increase your business, offering a charging service for all types of electric vehicles.

JoinOn, present on an open and visible to potential new customers platform, is able to develop revenues thanks to the possibility of selling additional services compared to the core **business**. Offering the charging service is a **plus** that allows **you to enhance your business**, as well as attract a new type of customer.

Depending on customer needs, we provide the initial investment data, calculating the final payback with respect to the expense.

RELY ON THE JOINON TEAM TO CALCULATE YOUR PAYBACK ON THE INVESTMENT



## **Enterprise** contexts

Who is JoinOn for?



COMPANY FLEETS

### **Why** choose JoinOn?



MANAGEMENT



SUPERVISION SOFTWARE

Whether employees charge their cars at work, or own a company car and need to charge it at home, JoinOn can record and report consumption and provide the employer with relevant information.

JoinOn provides management and control software dedicated to private contexts. A fundamental tool for evaluating charging progress, checking the status of the stations in real time and performing diagnostics in case of malfunctions.

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If multiple charging stations are to be installed, it becomes essential to have systems capable of limiting the maximum power that can be delivered in situations where multiple employees want to recharge at the same time. JoinOn manages the Dynamic Load Management function to set charging thresholds and improve the efficiency of its system.



Thanks to the wide range of options for customising JoinOn charging stations, the employer can choose to customise the charging units with their own colours and brand.

## Company fleets

#### Manage the charging needs of your company's electric vehicles in the best possible way

	G <sup>a</sup>			
BENEFITS	CAR PARKS FOR COMPANY FLEETS			
Employee management and charging reports	•			
<b>Access control</b> and charging authorisations for authorised personnel	•			
Historical and real-time monitoring of charging	•			
Supervision and diagnostics	•			
<b>Remote charging</b> power management	•			
<b>Improve the green perception</b> of your Brand				





Model

CHARGE YOUR LIFE

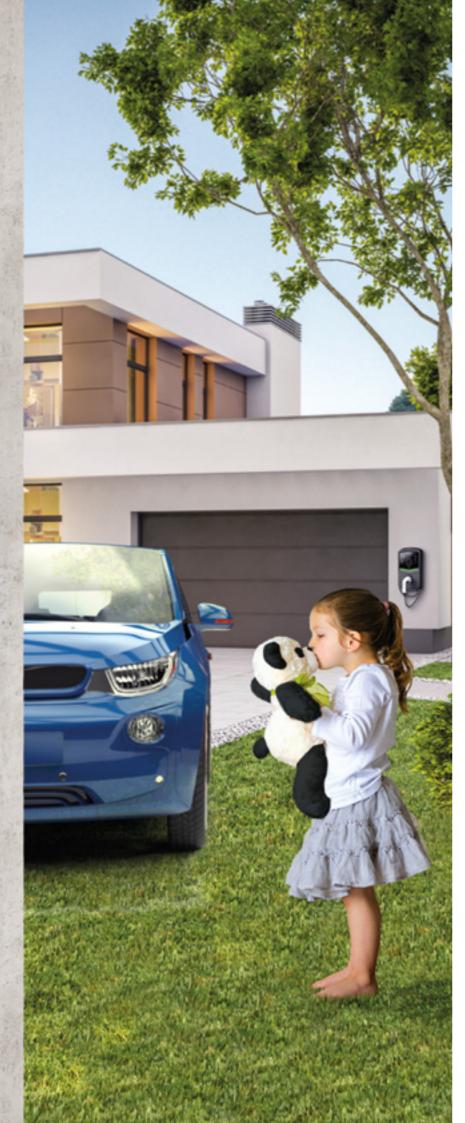




## JoinOn is the ideal solution for your garage

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## Domestic contexts

Who is JoinOn for?



### **Why** choose JoinOn?





DINAMIC

EASY TO USE

JoinOn domestic solutions stand out for their intuitive ease of use: "one hand" charging and advanced human interface system with a display and touch slider to modify charging settings.

Thanks to the DLM function, the charging station is able to read the consumption of household loads and manage the maximum charging power towards the electric vehicle, to avoid overloads.

LOAD MANAGEMENT

In co inte chai alwo safe peo curr

## 04





In compliance with international standards, charging stations are always equipped with safety devices to protect people against direct currents.





Using Bluetooth technology, JoinOn App also allows you to schedule charging sessions and check the history of operations, as well as ensuring the constant updating of stations to the latest available features.



## Domestic

#### A tailored offer

BENEFITS	DOMESTIC RESIDENCE	CONDOMINIUM
<b>Fast</b> and <b>safe charging</b> , in compliance with system regulations	•	•
<b>Domestic</b> smart <b>load</b> management	•	•
Integrated <b>protection</b> devices	•	•
<b>Easy installation</b> without expensive system side interventions	•	•
Simple and convenient start-up and future maintenance	•	•
<b>Access management</b> through RFID and consumption reporting		•





I-CON





Model

CONDOC VOUR LIFE

I-ON

I-CON





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## Technical characteristics



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## I-ON WALL





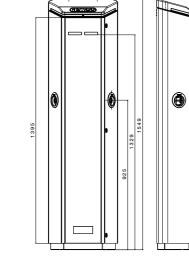




	AUTOSTART version	RFID version	CLOUD version
Charging Mode	MODE 3	MODE 3	MODE 3
Charging Interface	2 x VANDAL RESISTANT T2 SOCKET	2 x VANDAL RESISTANT T2 SOCKET	2 x VANDAL RESISTANT T2 SOCKET
Shutter	Shutter (IPXXD)	Shutter (IPXXD)	Shutter (IPXXD)
Electrical Specifications			
Rated Voltage	Max. 400V	Max. 400V	Max. 400V
Total Maximum Current	Max 64A	Max 64A	Max 64A
Maximum Power	22 kW + 22 kW	22 kW + 22 kW	22 kW + 22 kW
User protection	MCB + RCD Type B	MCB + RCD Type B	MCB + RCD Type B
Energy metering	-	MID Certified Meter	MID Certified Meter
Connectivity	MODBUS	MODBUS	4G ETH / ROUTER
Communication	-	-	OCPP 1.6 J
Load Management	-	-	DLM Via OCPP (Charging profile)
Charging Activation	FREE	RFID	RFID / APP
Human Interface	DISPLAY	DISPLAY	DISPLAY
Mechanical Characteristic			
Installation type	FLOOR-MOUNTING	FLOOR-MOUNTING	FLOOR-MOUNTING
Material	Painted steel sheet	Painted steel sheet	Painted steel sheet
IP Protection	IP55	IP55	IP55
Impact Protection	IK10	IK10	IK1D
Operating Temperature	-25°C / + 50°C	-25°C/+50°C	-25°C/+50°C

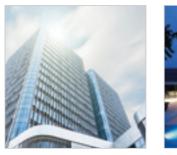
Dimensional

COIDING CONARCE YOUR LIFE









	AUTOSTART version	RFID version	CLOUD version
Charging Mode	MODE 3	MODE 3	MODE 3
Charging Interface	2 x VANDAL RESISTANT T2 SOCKET	2 x VANDAL RESISTANT T2 SOCKET	2 x VANDAL RESISTANT T2 SOCKET
Shutter	Shutter (IPXXD)	Shutter (IPXXD)	Shutter (IPXXD)
Electrical Specifications			
Rated Voltage	Max. 400V	Max. 400V	Max. 400V
Maximum Current	Max 64A	Max 64A	Max 64A
Maximum Power	22 kW + 22 kW	22 kW + 22 kW	22 kW + 22 kW
User Protection*	-	-	-
Energy metering	-	MID Certified Meter	MID Certified Meter
Connectivity	MODBUS	MODBUS	4G ETH / ROUTER
Communication	-	-	OCPP 1.6 J
Load Management	-	-	DLM Via OCPP (Charging profile)
Charging Activation	FREE	RFID	RFID / APP
Human Interface	DISPLAY	DISPLAY	DISPLAY
Mechanical Characteristic			
Installation type	WALL MOUNTING	WALL MOUNTING	WALL MOUNTING
Material	Painted steel sheet	Painted steel sheet	Painted steel sheet
IP Protection	IP55	IP55	IP55
Impact Protection	IK10	IK10	IK10
Operating Temperature	-25°C / + 50°C	-25°C / + 50°C	-25°C / + 50°C

\*Socket protections to be mounted upstream of the charging stations

Dimensional











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## I-CON PREMIUM





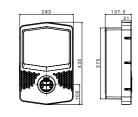




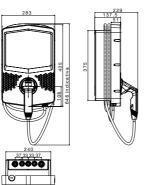
	AUTOSTART Version	DLM AUTOSTART version	RFID Version	CLOUD Version
Charging Mode	MODE 3	MODE 3	MODE 3	MODE 3
Charging Interface	CONNECTOR (5m cable) or T2 SOCKET			
Shutter	Shutter (IPXXD)	Shutter (IPXXD)	Shutter (IPXXD)	Shutter (IPXXD)
Electrical Specifications				
Rated Voltage	Max. 400V	Max. 400V	Max. 400V	Max. 400V
Maximum Current	Max 32A	Max 32A	Max 32A	Max 32A
Maximum Power	Max. 22 kW	Max. 11 kW	Max. 22 kW	Max. 22 kW
User Protection*	Integrated DC Leak 6 mA			
Energy metering	-	-	-	MID Certified Meter
Connectivity	-	BLE	-	4G ETH / ROUTER
Communication	-	-	-	OCPP 1.6 J
Load Management	Manual selector	DLM (with external meter)	-	DLM Via OCPP (Charging profile)
Charging Activation	FREE	FREE	RFID	RFID / APP
Human Interface	LED	LED	LED	LED
Mechanical Characteristic				
Installation type	WALL / FLUSH MOUNTING	WALL MOUNTING	WALL / FLUSH MOUNTING	WALL / FLUSH MOUNTING
Material	POST-INDUSTRIAL origin thermoplastic	POST-INDUSTRIAL origin thermoplastic	POST-INDUSTRIAL origin thermoplastic	POST-INDUSTRIAL origin thermoplastic
IP Protection	IP55	IP55	IP55	IP55
Impact Protection	IK10	IK10	IK10	IK10
Operating Temperature	-25°C / + 50°C			

#### \*Socket protections to be mounted upstream of the charging stations

#### Dimensional











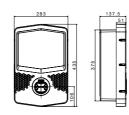


	DLM PREMIUM AUTOSTART Version	DLM BACKLIGHT PREMIUM Autostart version
Charging Mode	MODE 3	MODE 3
Charging Interface	CONNECTOR (5m cable) or T2 SOCKET	CONNECTOR (5m cable) or T2 SOCKET
Shutter	Shutter (IPXXD)	Shutter (IPXXD)
Electrical Specifications		
Rated Voltage	Max. 400V	Max. 400V
Maximum Current	Max 32A	Max 32A
Maximum Power	Max. 11 kW	Max. 11 kW
User Protection*	Integrated DC Leak 6 mA	Integrated DC Leak 6 mA
Energy metering	-	-
Connectivity	BLE/MODBUS	BLE/MODBUS
Communication	-	-
Load Management	DLM (with external meter)	DLM (with external meter)
Charging Activation	FREE	FREE
Human Interface	DISPLAY + Slider Touch	DISPLAY + Slider Touch**
Mechanical Characteristic		
Installation type	WALL / FLUSH MOUNTING	WALL MOUNTING
Material	POST-INDUSTRIAL origin thermoplastic	POST-INDUSTRIAL origin thermoplastic
IP Protection	IP55	IP55
Impact Protection	IK10	IK10

\*Socket protections to be mounted upstream of the charging stations \*\* Also equipped with backlight system: the front status bar is also replicated at the back reflecting the colour on the installation wall

Dimensional

Operating Temperature



-25°C / + 50°C







-	-	
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#### DLM BACKLIGHT PREMIUM VERSION

PREMIUM	
<b>RFID Version</b>	

3	MODE 3
im cable) :KET	CONNECTOR (5m cable) or T2 SOCKET
PXXD)	Shutter (IPXXD)

or T2 SOCKET	
Shutter (IPXXD)	
Max. 400V	
Max 32A	
Max. 22 kW	

MODE 3 CONNECTOR (5m cable) or T2 SOCKET Shutter (IPXXD)

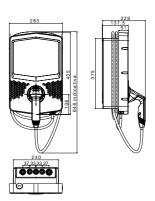
PREMIUM **CLOUD Version** 

Max. 400V Max 32A Max. 22 kW Integrated DC Leak 6 mA MID Certified Meter 4G ETH / ROUTER 0CPP 1.6 J DLM Via OCPP (Charging profile) RFID / APP DISPLAY + Slider Touch

3	WALL / FLUSH MOUNTING
	POST-INDUSTRIAL origin thermoplastic
	IP55
	IK10
	-25°C / + 50°C

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E DISPLAY + Slider Touch der Touch\*\* UNTING WALL / FLUSH MOUNTING POST-INDUSTRIAL origin TRIAL origin plastic thermoplastic IP55 IK10 -25°C / + 50°C -25°C / + 50°C





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