SMART Daily Energy

JOINON
CHARGE YOUR LIFE

GEWISS

Contents

01

02

03

04

05

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

JOINON
CHARGE YOUR LIFE

GEWISS

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

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.

The advantages of e-mobility

1 MORE BENEFITS, FEWER COSTS

- 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

2 NO STRESS, MORE TIME

- Access to restricted traffic areas
- Possibility of parking in dedicated areas
- Faster and more powerful charging

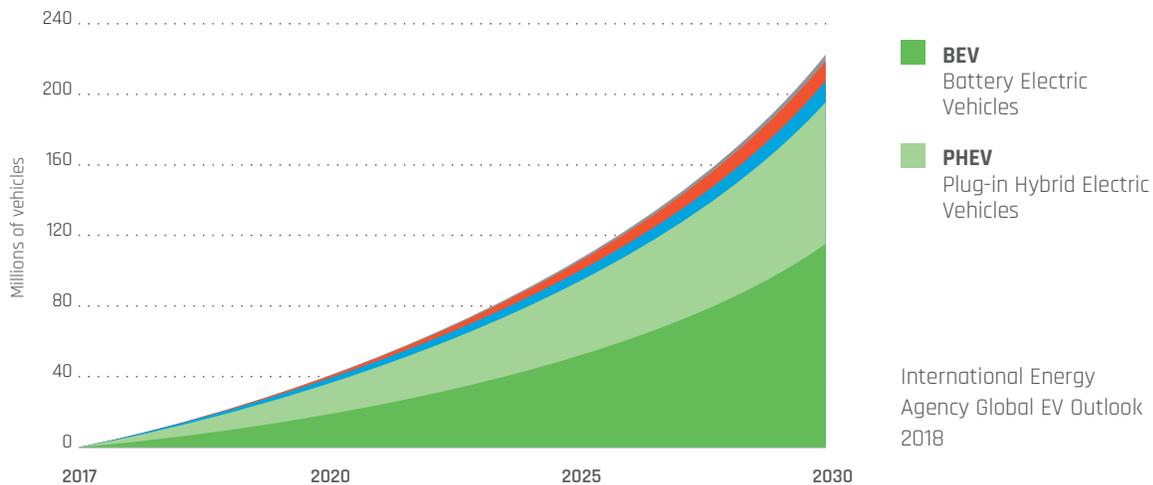## 3 ENVIRONMENTAL PROTECTION

- Zero emissions and reduced pollution

2030 ELECTRIC VEHICLE GLOBAL LANDSCAPE

Millions of vehicles

240 ·····
200 ·····
160 ·····
120 ·····
80 ·····
40 ·····
0

2017   2020   2025   2030

BEV
Battery Electric Vehicles

PHEV
Plug-in Hybrid Electric Vehicles

International Energy Agency Global EV Outlook 2018
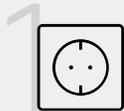
Smart Daily Energy

JoinOn is a GEWISS service
Much more than a simple range of useful products for charging electric vehicles.

Charging stations: solutions for an electrical way of life

what does **JoinOn** **offer?**

1

COMPONENTS

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.

2

CHARGING STATIONS

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.

3

JOINON APP & PLATFORM

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.

GEWISS' wide range of charging stations allows you to choose the correct product according to installation scenarios and any specific needs.

NEW I-CON   **NEW** I-CON PREMIUM   I-ON WALL

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.

24/7 SERVICE

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

CUSTOMISABLE APP & PLATFORM

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.

Smart Daily Energy

I-ON
for a perfect habitat

back-to-back **installation**

"one-hand" **charging**

high-visibility **LED**

PASSA LA TESSERA
PER RICARICARE

PASSA LA TESS
PER RICARICA

CONTEMPORARY DESIGN,
SUITABLE FOR ANY URBAN CONTEXT

- 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 positioned to face the e-Driver.
- 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 energy supply.
- 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 and anti-corrosion treatment.

CONVEY YOUR BRAND THROUGH
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.

REDUCED OPERATING COSTS

- Guaranteed savings over the product's life cycle, thanks also to the unified management of standard and extra maintenances.
- Approved by Deutsche Telekom, which certifies its simplicity of maintenance and accessibility.

Smart Daily Energy
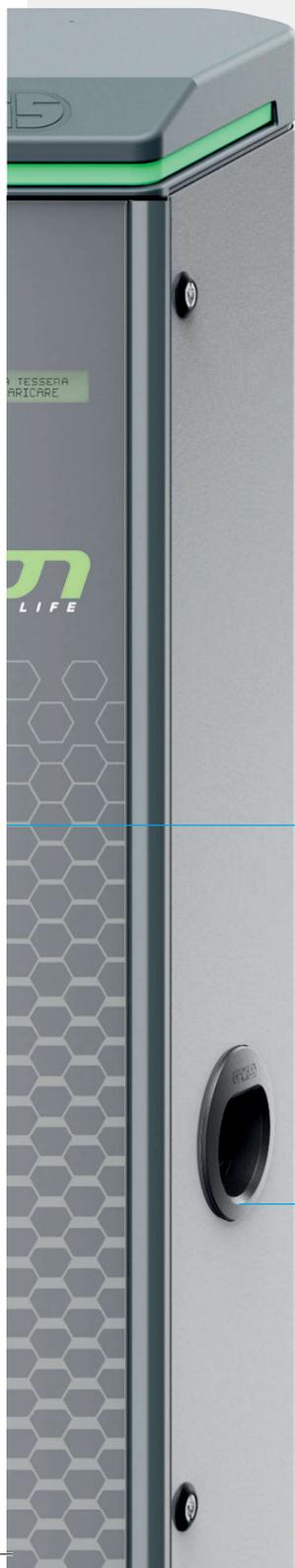
I-CON

the future solutions
of today in your home

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 flush-mounting (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.

backlight **version**

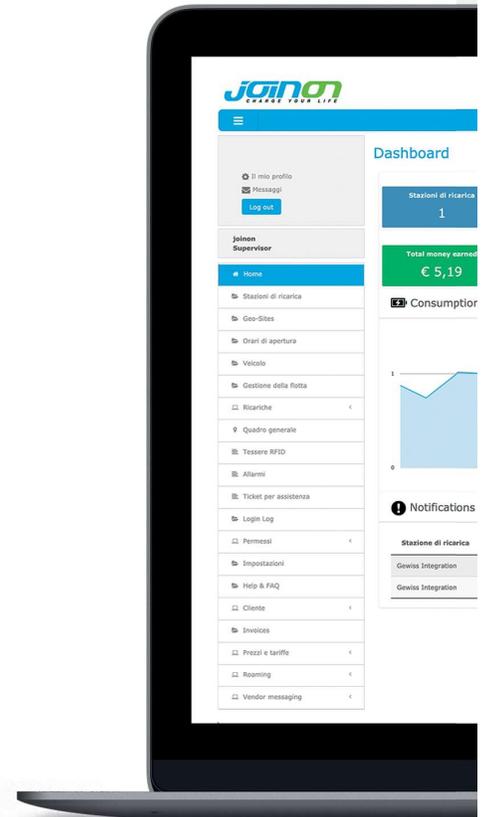flush-mounting **version**

App based **configuration**

11

Smart Daily Energy
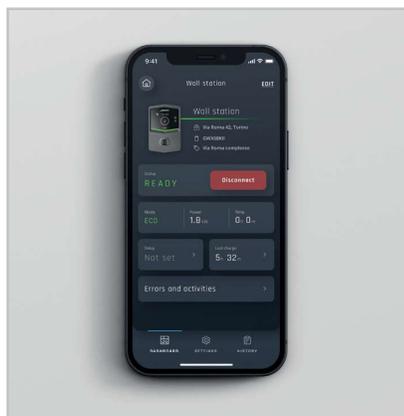
Smart **Software**
for station managers

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
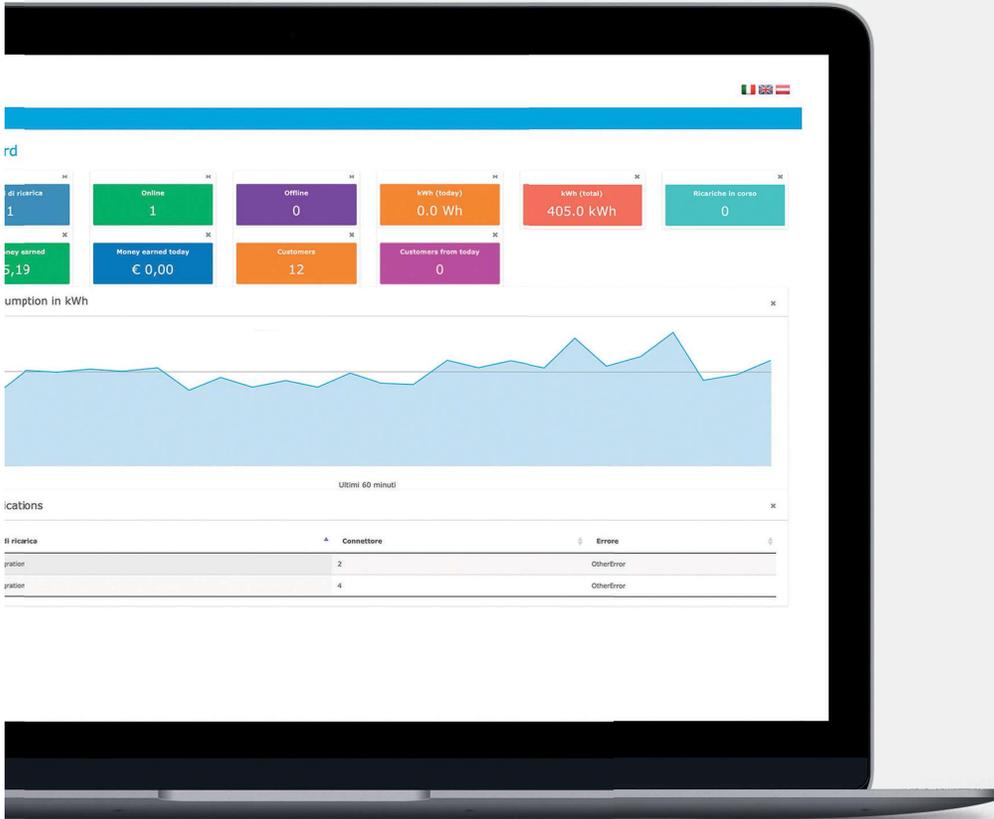checkpoint**.

1

PREPARING REPORTS

2

LOAD MANAGEMENT

3

INVOICING AND COST CALCULATION

4

ROAMING

5

TECHNICAL ASSISTANCE

di ricarica	Online	Offline	kWh (today)	kWh (total)	Ricariche in corso
1	1	0	0.0 Wh	405.0 kWh	0

ney earned	Money earned today	Customers	Customers from today
5,19	€ 0,00	12	0

umption in kWh

Ultimi 60 minuti

ications

li ricarica	Connettore	Errore
ration	2	OtherError
ration	4	OtherError

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).

Smart Daily Energy

Smart **App**
for e-Drivers

JoinOn and you're always on the move

1 GEOLOCATION

2 NAVIGATION

3 CHARGE MONITORING

4 PAYMENTS

5 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.

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

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.

Smart Daily Energy
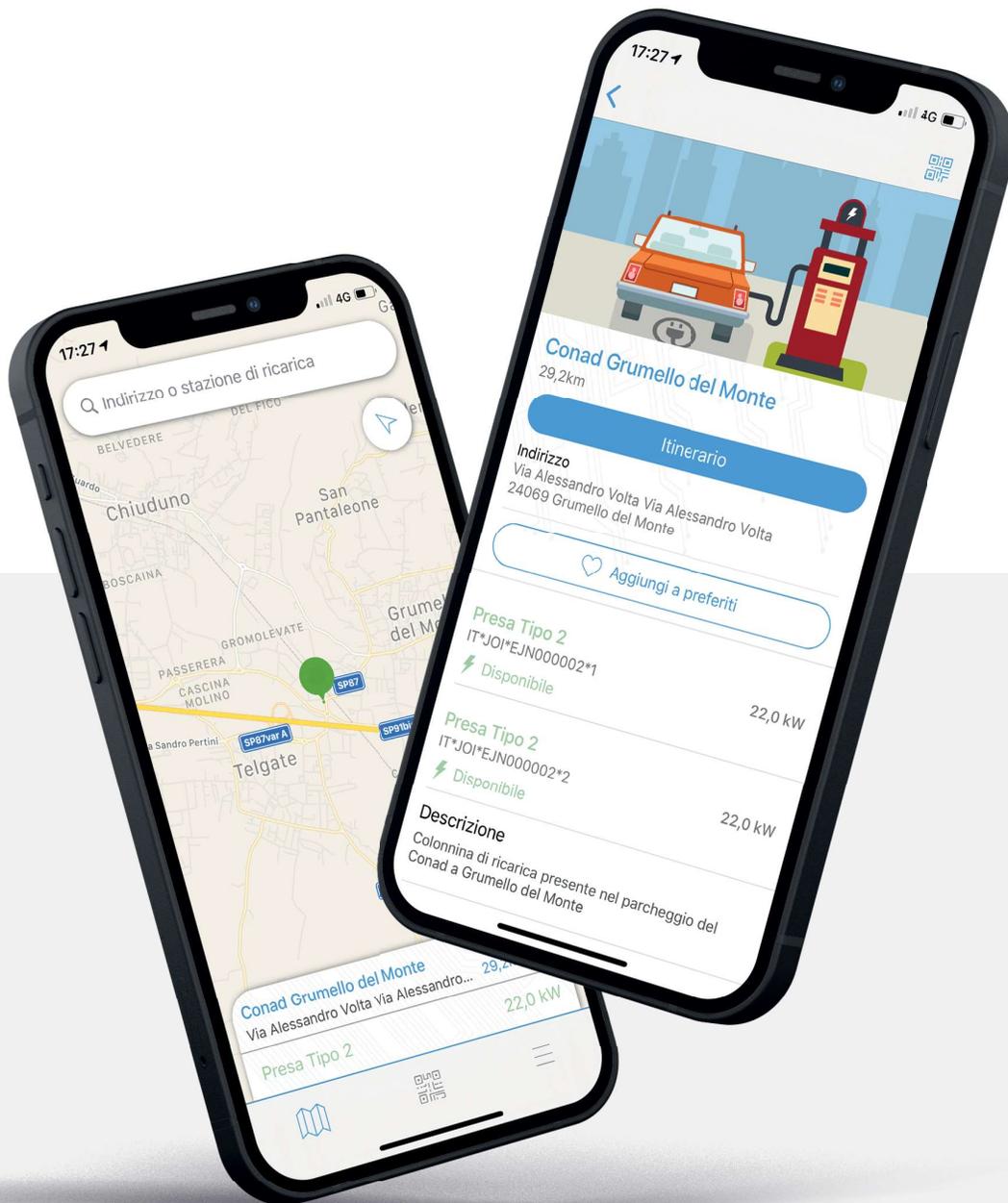
Service

0% concerns, 100% support

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.

Smart Daily Energy

Discover the benefits
of JoinOn for business users

Public contexts

Who is JoinOn for?
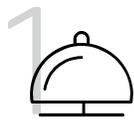
1

TOURIST FACI-LITIES

2

SPORTS CONTEXT

3

RETAIL

4

PARKING

Why choose JoinOn?

1

TURNKEY SOLUTION

2

INCREASED VISIBILITY

3

INVOICING MANAGEMENT

4

MANAGEMENT AND CONTROL

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

Geolocation of charging points via the App increases visibility of the stations, not only for JoinOn users, but also for all e-Drivers with active contracts with other providers, both in Italy and abroad.

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

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

Smart Daily Energy

Tourist Facilities

An exclusive service offering for a growing potential customer base

BENEFITS	HOTELS AND BED & BREAKFAST	PORTS AND CAMPSITES	RESTAURANTS	RECREATIONAL AREAS 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)	●		●	●

RECOMMENDED PRODUCT

Model	I-ON WALL	I-CON	I-ON	I-ON	I-CON	I-ON

Sports context

Choose to improve your brand image in compliance with current regulations

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

RECOMMENDED PRODUCT

Model	I-ON	I-ON WALL	I-ON	I-ON WALL	I-ON

Retail

Provide customers with a new strategy to increase their business revenues

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

RECOMMENDED PRODUCT

Model	I-ON	I-CON	I-ON	I-CON	I-ON	I-CON	I-ON

Parking

Choose a customisable service for the software in your facility

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

RECOMMENDED PRODUCT
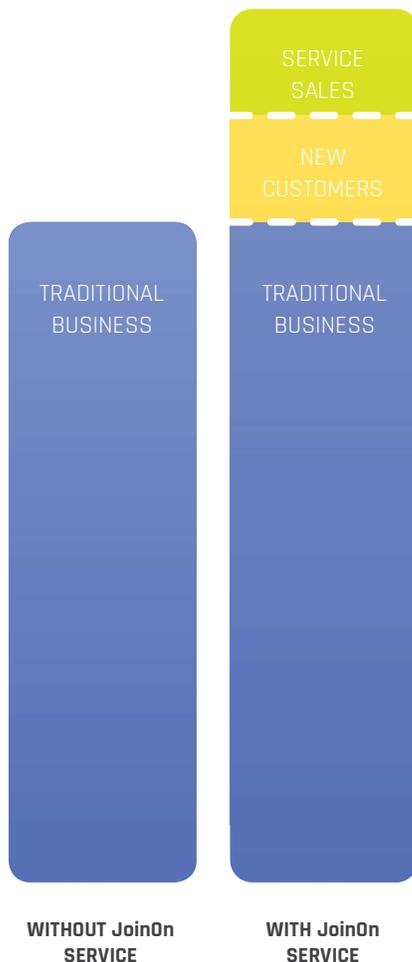
Model	I-ON	I-ON WALL

Smart Daily Energy

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**.

SERVICE
SALES

NEW
CUSTOMERS

TRADITIONAL
BUSINESS

TRADITIONAL
BUSINESS

**WITHOUT JoinOn
SERVICE**

**WITH JoinOn
SERVICE**

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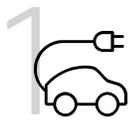
Depending on customer needs, we provide the initial investment data, calculating the final payback with respect to the expense.

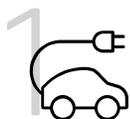**RELY ON THE JOINON TEAM TO CALCULATE YOUR PAYBACK ON THE INVESTMENT**

Smart Daily Energy

Charge your company fleet with JoinOn

Enterprise contexts

Who is JoinOn for?

1

COMPANY FLEETS

Why choose JoinOn?

1

EMPLOYEE MANAGEMENT

2

SUPERVISION SOFTWARE

3

LOAD MANAGEMENT

4

CUSTOMIZATION

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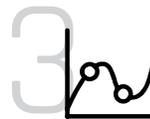
If multiple charging stations are to be installed, it becomes essential to have systems capable of limiting the maximum power that can be delivered in situations where multiple employees want to recharge at the same time. JoinOn manages the Dynamic Load Management function to set charging thresholds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

Smart Daily Energy

Company fleets

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

BENEFITS	CAR PARKS FOR COMPANY FLEETS
Employee management and **charging** reports	●
Access control and charging authorisations for authorised personnel	●
Historical and real-time **monitoring** of charging	●
Supervision and **diagnostics**	●
Remote charging power management	●
Improve the green perception of your Brand	●

RECOMMENDED PRODUCT

Model	I-ON	I-ON WALL	I-CON

Smart Daily Energy

JoinOn
is the ideal
solution for
your garage

Domestic contexts

Who is JoinOn for?

1

DOMESTIC RESIDENCE

Why choose JoinOn?

1

EASY TO USE

2

DINAMIC LOAD MANAGEMENT

3

MAXIMUM PROTECTION

4

CONFIGURATION APP
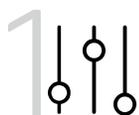
JoinOn domestic solutions stand out for their intuitive ease of use: "one hand" charging and advanced human interface system with a display and touch slider to modify charging settings.
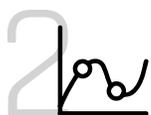
Thanks to the DLM function, the charging station is able to read the consumption of household loads and manage the maximum charging power towards the electric vehicle, to avoid overloads.

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.

Smart Daily Energy

Domestic

A tailored offer

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

RECOMMENDED PRODUCT

Model	I-CON	I-ON	I-CON

Smart Daily Energy

Technical characteristics

05

Smart Daily Energy

I-ON

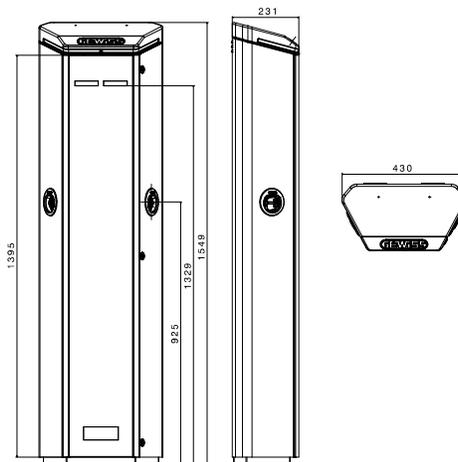|	AUTOSTART version	RFID version	CLOUD version
Charging Mode	MODE 3	MODE 3	MODE 3
Charging Interface	2 x VANDAL RESISTANT T2 SOCKET	2 x VANDAL RESISTANT T2 SOCKET	2 x VANDAL RESISTANT T2 SOCKET
Shutter	Shutter (IPXXD)	Shutter (IPXXD)	Shutter (IPXXD)
Electrical Specifications			
Rated Voltage	Max. 400V	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	IK10
Operating Temperature	-25°C / + 50°C	-25°C / + 50°C	-25°C / + 50°C

Dimensional

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
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
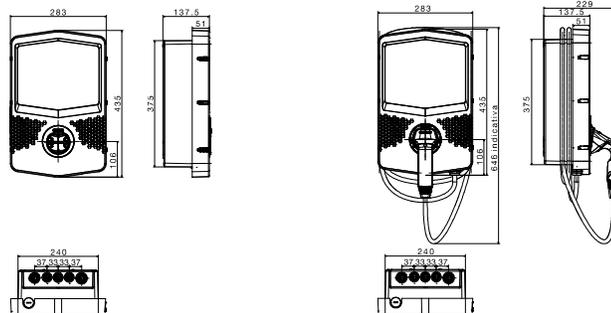
Dimensional

Smart Daily Energy

I-CON
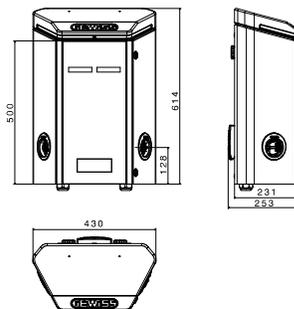
	AUTOSTART Version	DLM AUTOSTART version	RFID Version	CLOUD Version
Charging Mode	MODE 3	MODE 3	MODE 3	MODE 3
Charging Interface	CONNECTOR (5m cable) or T2 SOCKET	CONNECTOR (5m cable) or T2 SOCKET	CONNECTOR (5m cable) or T2 SOCKET	CONNECTOR (5m cable) or T2 SOCKET
Shutter	Shutter (IPXXD)	Shutter (IPXXD)	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	Integrated DC Leak 6 mA	Integrated DC Leak 6 mA	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	-25°C / + 50°C	-25°C / + 50°C	-25°C / + 50°C

*Socket protections to be mounted upstream of the charging stations

Dimensional

I-CON PREMIUM

|	DLM PREMIUM AUTOSTART Version	DLM BACKLIGHT PREMIUM AUTOSTART VERSION	PREMIUM RFID Version	PREMIUM CLOUD Version
Charging Mode	MODE 3	MODE 3	MODE 3	MODE 3
Charging Interface	CONNECTOR (5m cable) or T2 SOCKET	CONNECTOR (5m cable) or T2 SOCKET	CONNECTOR (5m cable) or T2 SOCKET	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. 11 kW	Max. 11 kW	Max. 22 kW	Max. 22 kW
User Protection*	Integrated DC Leak 6 mA	Integrated DC Leak 6 mA	Integrated DC Leak 6 mA	Integrated DC Leak 6 mA
Energy metering	-	-	MID Certified Meter	MID Certified Meter
Connectivity	BLE/MODBUS	BLE/MODBUS	MODBUS	4G ETH / ROUTER
Communication	-	-	-	OCPP 1.6 J
Load Management	DLM (with external meter)	DLM (with external meter)	-	DLM Via OCPP (Charging profile)
Charging Activation	FREE	FREE	RFID	RFID / APP
Human Interface	DISPLAY + Slider Touch	DISPLAY + Slider Touch**	DISPLAY + Slider Touch	DISPLAY + Slider Touch
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	-25°C / + 50°C	-25°C / + 50°C	-25°C / + 50°C

*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

Smart Daily Energy
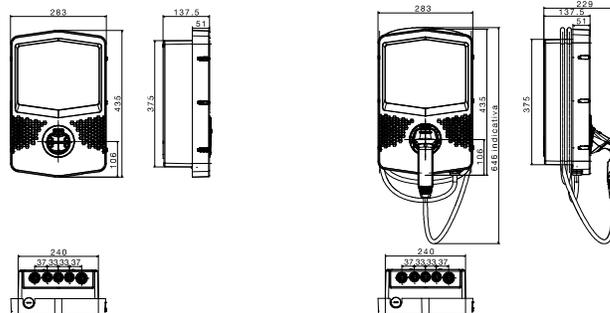
GEWISS

GEWISS S.p.A.
Registered Office: Via A. Volta, 1
24069 Cenate Sotto (BG) - Italy
Tel: +39 035 946 111
Fax: +39 035 945 222
gewiss@gewiss.com
www.gewiss.com

PB2263EN