



**joinon**  
CHARGE YOUR LIFE

INTELLIGENT  
daily energy

**GEWISS**



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## Innovation, in day-to-day life

GEWISS produces and supplies technological products and services that interpret and keep one step ahead of the needs and requests of contemporary society.



**GEWISS**



**JOINON**  
CHARGE YOUR LIFE

### What is JOINON?

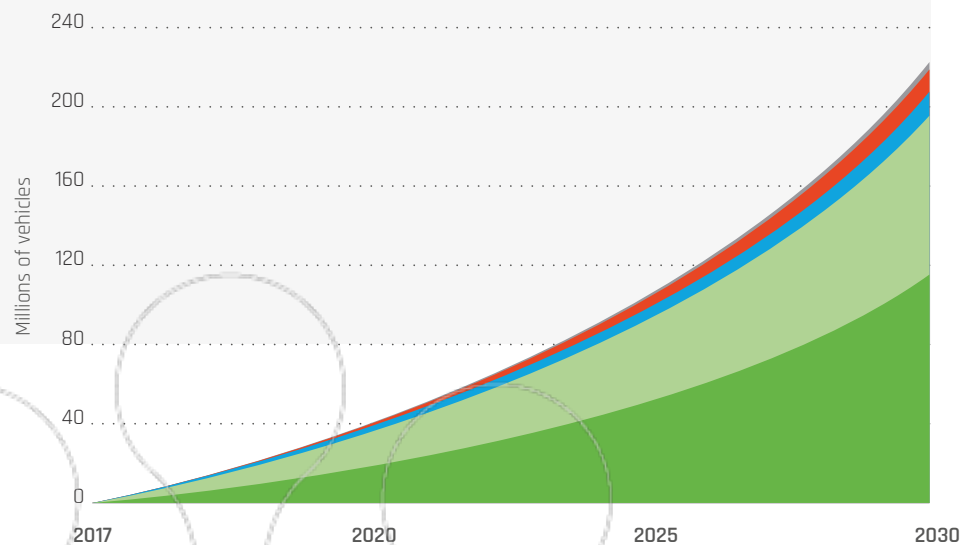
JOINON is the new offer for charging all new generation electric vehicles to connect vehicles and persons.

### JOINON IS A SOLUTION DESIGNED FOR THE USER

JOINON is a good answer to all the needs of your increasingly eco-dynamic and environmentally sustainable life.



## THE GLOBAL ELECTRIC VEHICLE SCENARIO FOR 2030



International Energy Agency - Global EV Outlook 2018

■ BEV BEVs = battery electrical vehicles

■ PHEV = plug-in hybrid electrical vehicles

## THE ADVANTAGES OF ELECTRIC MOBILITY



### More advantages, fewer expenses

- Increase the earnings of your business
- Reduced maintenance costs and a longer guaranteed life-time of electrical vehicles
- Tax incentives to purchase electrical cars and infrastructure



### Protecting the environment

- Zero emissions and less pollution



### No stress, more time

- Possibility of accessing limited traffic zones
- Possibility of parking in dedicated areas
- Increasingly fast, more powerful charging stations

# SOLUTIONS FOR AN ELECTRIC LIFE

## JOINON is a GEWISS solution

Much more than just a simple range of products for charging electric vehicles.

### What does JOINON include?

- The technological infrastructure
- The management possibilities
- Technical support and maintenance

JOINON is a component and hardware offer with the addition of a platform: a solution designed for the business user.

## I-on

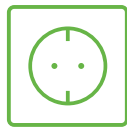


## I-on Wall



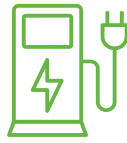
### A complete range for all charging needs

I-on and I-on Wall are the GEWISS JOINON offer for electrical charging for floor-mounting and surface-mounting installation, all with the JOINON brand.



### Components

Charging socket-outlets, protection and measurement devices and the entire structure are “made in GEWISS”, this makes JOINON the ideal solution for the most demanding OEM clients in search of 100% reliable products with guaranteed quality.



### Charging stations

Compatible with any type of electrical vehicle, available as a floor-mounted application or a wallbox, JOINON charging stations can be installed in any type of parking area, thanks to their hexagonal design, a targeted user experienced-based study and the highest degree of protection available on the market (IP55).

The stations can be completely customised by the customer, they are protected by vandalism-resistant paint and guaranteed by a customer service all over the country.



### JOINON App & roaming

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



### Invoicing

JOINON also collects all the revenues from Driver customers who use the stations via the App (JOINON or others covered by a roaming agreement) to charge their electrical vehicles, and then returns them to the charging stations owner who is not asked to dedicate any additional administration resources.



### Services 24/7

A professional, immediate service that is always active, a help desk and technical support guaranteed for JOINON customers.



### Branded App & platform

For all customers who are interested in facing the business of electrical mobility with their own brand on the market, JOINON provides a management platform and fully customisable App. It also provides a charging infrastructure with customised colour and graphics so that the customer receives a complete solution for managing its network and customers.

# ATTRACTIVE DESIGN SUITABLE FOR EVERY URBAN CONTEXT



## THE OFFER

- The best user experience ever
- Innovative hexagonal shape. With clean lines and unique attractive design, it perfectly integrates to any urban context
- Simple to install, adaptable to any parking layout
- Socket-outlets on the front for improved visibility and use
- Available as a floor-mounting installation in the column configuration or surface-mounting in the wallbox configuration
- Available in the Fast Charge version with power ranging from 75 to 350 kW

## THE BEST USER INTERFACE

- High visibility rear illuminated TFT display
- RGB LEDs for signalling the status of the socket-outlets, visible on the front and side
- Possibility to charge and quickly and easily activate the charging socket-outlets using the smartphone App

## RESISTANT TO SHOCKS, ACTS OF VANDALISM AND ATMOSPHERIC AGENTS

- Degree of protection IP55: the highest available on the market
- Special anti-scratch painting
- Charging socket-outlets with a high UV resistance, with the highest degree of protection against the entry of dirt and water, and vandalism resistant

## IMAGE IMPROVEMENT

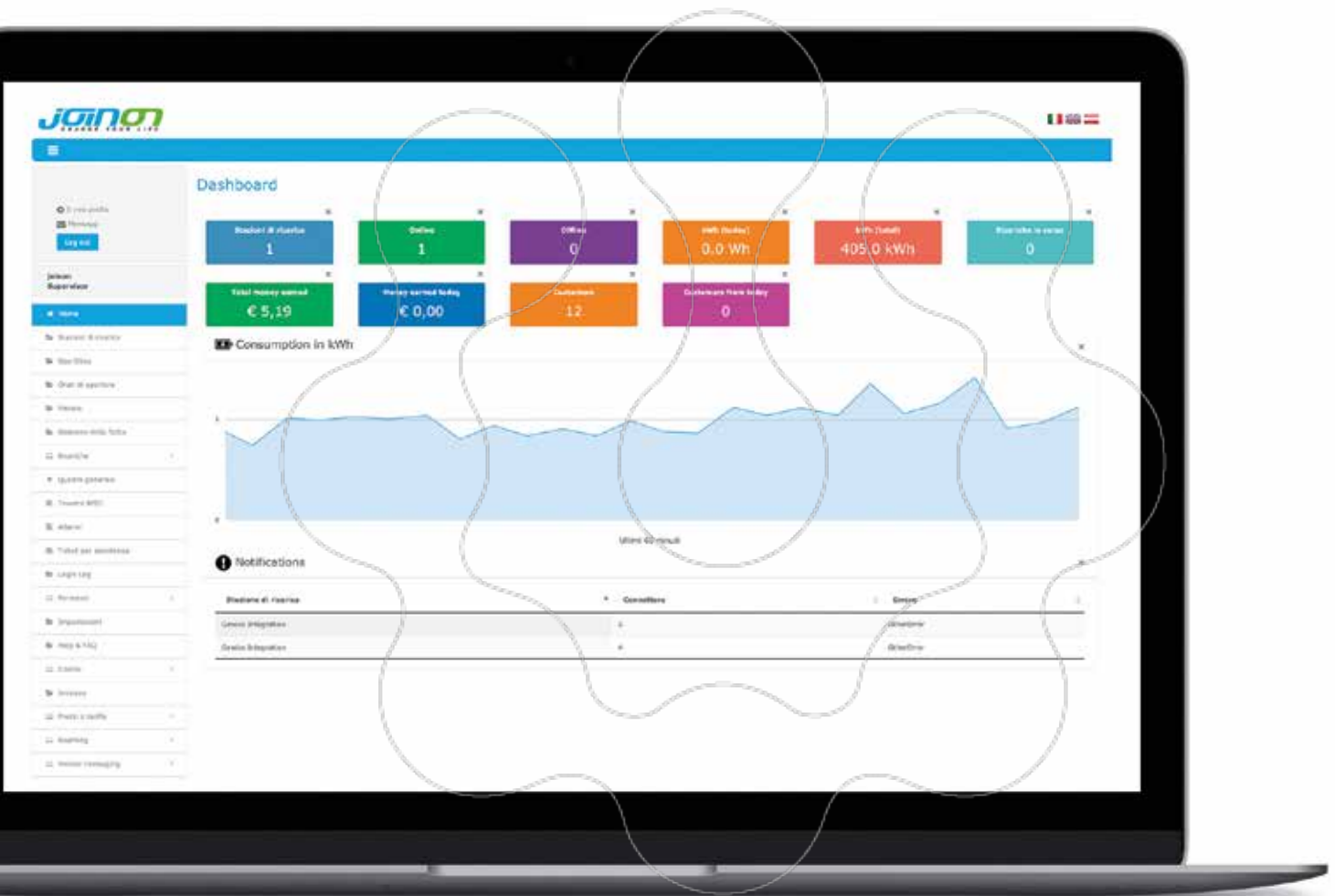
- Customisable design with customer's logo and colours

## REDUCTION OF MANAGEMENT COSTS

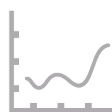
- A vandalism resistant product with increased mechanical resistance to guarantee a reduction in extraordinary maintenance operations
- Easy and fast routine maintenance operations that enable overall cost reduction
- Guarantee guaranteed all over the Italian territory



# smart software



Reporting



Load  
management



Billing



Roaming



Technical  
support

## CONTROL OF ALL EXISTING STATIONS

The stations owner can **monitor the situation of an individual station** at any time, assessing the potential and issues via a **single check point**.

## AN OPEN PLATFORM THAT GUARANTEES GREATER VISIBILITY FOR A LARGE PUBLIC

### MAIN PLATFORM FUNCTIONS

- Recharging station census
- Recharging station info
- Setting of power levels, prices and socket-outlets for the recharging stations
- Monitoring of circuit status (free, occupied, being serviced)
- Address and opening hours
- Remote activation/deactivation
- Management of payments and invoicing
- Info about driver clients that access the infrastructure
- Different level access for different owner roles
- Ticketing and malfunction management
- Interoperable with external platforms
- Dynamic load management
- Export of log data (formats: CSV, EXCEL, PDF)



for  
the driver

## A NEW PERSPECTIVE ON MOBILITY DEVELOPMENT, MORE PRACTICAL AND ENVIRONMENTALLY FRIENDLY

Via an **app** that **geolocalises the recharging points**, it **provides specific information** about availability, offers **remote monitoring** of socket-outlets status to book, activate or deactivate recharging operations.

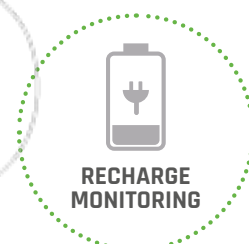
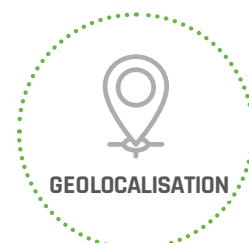
JOINON  
NEVER LEAVES  
YOU STRANDED



### MAIN APP FUNCTIONS

- Geolocalisation on the map of the charging stations available
- Activation of an assisted navigation system to reach the charging stations
- Visualisation of the socket-outlet types available at the selected charging stations
- Visualisation of prices for using the charging service
- Possibility to set charging station search filters
- Top-up of the wallet associated with your account
- Activation, monitoring and management of the charging process
- Acceptance of invoices for charging operations carried out
- Visualisation of the charging log
- Creation of a "favourites" list for charging stations

# smart app



## SERVICE



24 hours  
7 days a  
week

**CHARGING STATIONS THAT ARE PART OF THE JOINON CIRCUIT REQUIRE NO SPECIAL OR FREQUENT MAINTENANCE, THANKS ALSO TO THE MANAGEMENT PLATFORM THAT ENABLES REMOTE DIAGNOSIS IN THE EVENT OF CHARGING PROBLEMS**

Any problems or difficulties in the normal use of the product can therefore be checked and reset even from a distance, guaranteeing a simple, quick and cost-effective maintenance service.

In addition, we constantly update the station firmware with the latest version available, to constantly ensure optimum performance and compatibility with the new electric vehicles that will come onto the market in the future.



## OUR CUSTOMER SERVICE OFFER



### **Help desk**

Available 24/7, both for the owner and the drivers, with qualified personnel to remotely solve any faults/ malfunctioning issues for the driver user who is charging at a JOINON station.



### **Technical support**

Routine maintenance and special assistance are vital for guaranteeing service continuity for charging stations in public contexts, often subject to "critical" usage conditions.

## A COMPLETE SYSTEM THAT MAKES ENVIRONMENTAL SUSTAINABILITY A KEY COMPETITIVE ADVANTAGE

### Who can benefit from JOINON?



Accommodation facilities



Sports sector



Retail



Parking

### Why choose JOINON?



#### TURN KEY

A complete service that includes charging stations design and installation and the subsequent post sales management and maintenance and 24/7 support services.



#### INCREASED VISIBILITY

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



#### INVOICING MANAGEMENT

JOINON returns the earnings from the charging operations directly to the station owner, without having to use external organisational and administrative resources.



#### MANAGEMENT AND CONTROL

Remote monitoring of consumption, the status of the socket-outlets, the operations carried out at the charging point, also in case of malfunctions.







# ACCOMMODATION FACILITIES

Offer an exclusive services to potential customers that can constantly grow

- HOTELS AND BED& BREAKFAST
- PORTS AND CAMPING FACILITIES
- RESTAURANTS
- RECREATION AREAS AND MUSEUMS



**HOTELS  
AND BED &  
BREAKFAST**



**PORTS AND  
CAMPING  
FACILITIES**



**RESTAURANTS**



**RECREATION  
AREAS  
AND MUSEUMS**

## the advantages

Increase in the **number of guests and visitors**

An **eco-sustainable** offer that makes your brand perception green

An exclusive offer for customers, and a **source of revenue that is constantly growing** for the owner

**Remotely managed** powers and loads

24/7 support and a single point of contact, a **turn key solution** (full service)

**Compliance with regulations**

Italian Leg. decree 16/12/2016 no. 257







## SPORTS SECTOR

Decide to improve your brand image  
in compliance with current regulations

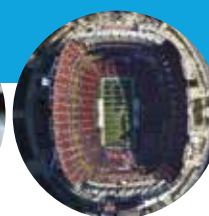
- SMALL AND MEDIUM-SIZED SPORTS CENTRES
- GYMS
- STADIUMS AND ARENAS



SPORTS  
CENTRES



GYMS



STADIUMS AND  
ARENAS

### the advantages

**Increase in the members** of your structure



Make your **image green oriented**



A new service for customers, the perfect offer for  
**increasing your income**



**Customer loyalty**, connecting the charging offer to  
customer loyalty programs



**Easy and accessible remote control**  
of powers and loads



A 24/7 support service, a **full service solution**  
with a single point of contact



**Compliance with regulations**

Italian Leg. decree 16/12/2016 no. 257





# RETAIL

Propose a new strategy to your customers to increase the earnings of your business

- LARGE SCALE RETAILER & DIY
- SHOPPING CENTRES
- RETAIL OUTLETS
- OIL & GAS



LARGE SCALE  
RETAILER & DIY



SHOPPING  
CENTRES



RETAIL  
OUTLETS



OIL & GAS

## the advantages

Increase in the **number of customers**

**Customer loyalty**, connecting the charging offer to customer loyalty programs

An additional service for customers and a **new source of income** for the owner

Possibility of powers and **load management remote control**

A **turn key solution** (full service) with a single point of contact and 24/7 support service

**Compliance with regulations**

Italian Leg. decree 16/12/2016 no. 257





## PARKING

Select a customisable service with the software used in your structure

- PUBLIC PARKING AREAS



**PUBLIC  
PARKING  
AREAS**

### the advantages

#### Increase in users

Improvement of the **eco-sustainable perception** of your structure

More services for customers, greater turnout at the structure, **more earnings for the owner**

**Option to integrate the charging service software** with the access control and payment systems **already in use**







# WHY DO YOU INCREASE YOUR BUSINESS WITH JOINON?

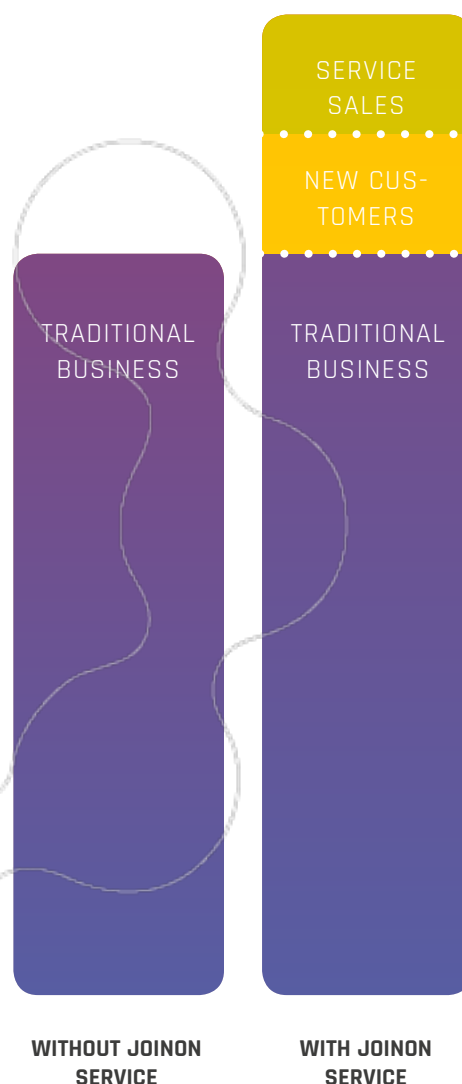
**An objective and a promise**, all the advantages of the services offered by JOINON guarantee potential growth of your business. **An efficient and performing green turn key hardware and software offer added to the services of your business activity, increasing customers and sales.**

With the JOINON platform, it is possible to increase your own business, **offering the charging service for all types of electrical vehicles.**

JOINON, available on an open platform that can be visualized by potential new customers, can increase income thanks to the possibility of **selling additional services with respect to your core business.** The charging service is a **plus offer** that allows you to **enhance your business** as well as **attract new type of customers.**

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

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





## JOINON IS THE IDEAL SOLUTION FOR YOUR GARAGE OR YOUR PRIVATE PARKING AREA

Who can benefit from JOINON?



Private  
customers &  
Company Fleets

# private customers



## Why choose JOINON?



### **SIMPLICITY OF USE**

Maximum ease of use and configuration for the entire range.



### **LOAD MANAGEMENT**

Possibility of configuring loads and charge start times based on need and reduced rates.



### **FAST AND TIME-SAVING**

Reduction in charging times thanks to the maximum power of 22 kW, with maximum safety possible also in periods of prolonged use, thanks to the constant communication between the vehicle and the infrastructure.



### **SAFE AND CERTIFIED**


Compliance with international regulation EN 61851-1 and compatible with any electrical vehicle available on the market today.



### **SHARED PARKING**

Possibility of controlled charging management, making it possible to activate the station only for authorised personnel by means of a transponder key.





# ELECTRIC MOBILITY IS NO LONGER A FAR-OFF WORLD, NOT EVEN FOR YOUR HOME AND YOUR COMPANY

## COMPACT DESIGN

- Reduced overall dimensions
- Can be installed in any private context with great ease

## EASY, POWERFUL AND COMPATIBLE

- Compatible with any electrical vehicle available on the market
- Charging up to 10 times faster with respect to traditional domestic socket-outlets
- Charging status always under control thanks to the status LEDs located on the front of the station
- Possibility to manage powers and charging access

## SAFE AND RELIABLE

- ip54 degree of protection
- Compliant with international ev charging standards (Standard en61851-1)

## JOINON GUARANTEE

- Made in Italy
- Joinon entry-level offer
- Available also in the easy e-bike version for charging electrical bicycles



# private customers



## PRIVATE CUSTOMERS & COMPANY FLEETS

A consumption-orientated range

- PRIVATE HOME
- CONDOMINIUM
- FLEET PARKING AREAS



PRIVATE HOME



CONDOMINIUM



FLEET PARKING AREAS

### the advantages

**Simplicity of use**, reduction in the possibility of making an error

**Possibility of limiting the charging powers** or configuring them as required

Possibility of **integration in the HOME eco-system**

**Compatibility** with all electrical vehicles in circulation, safely and reliably

Possibility of **controlled use** with an identification card

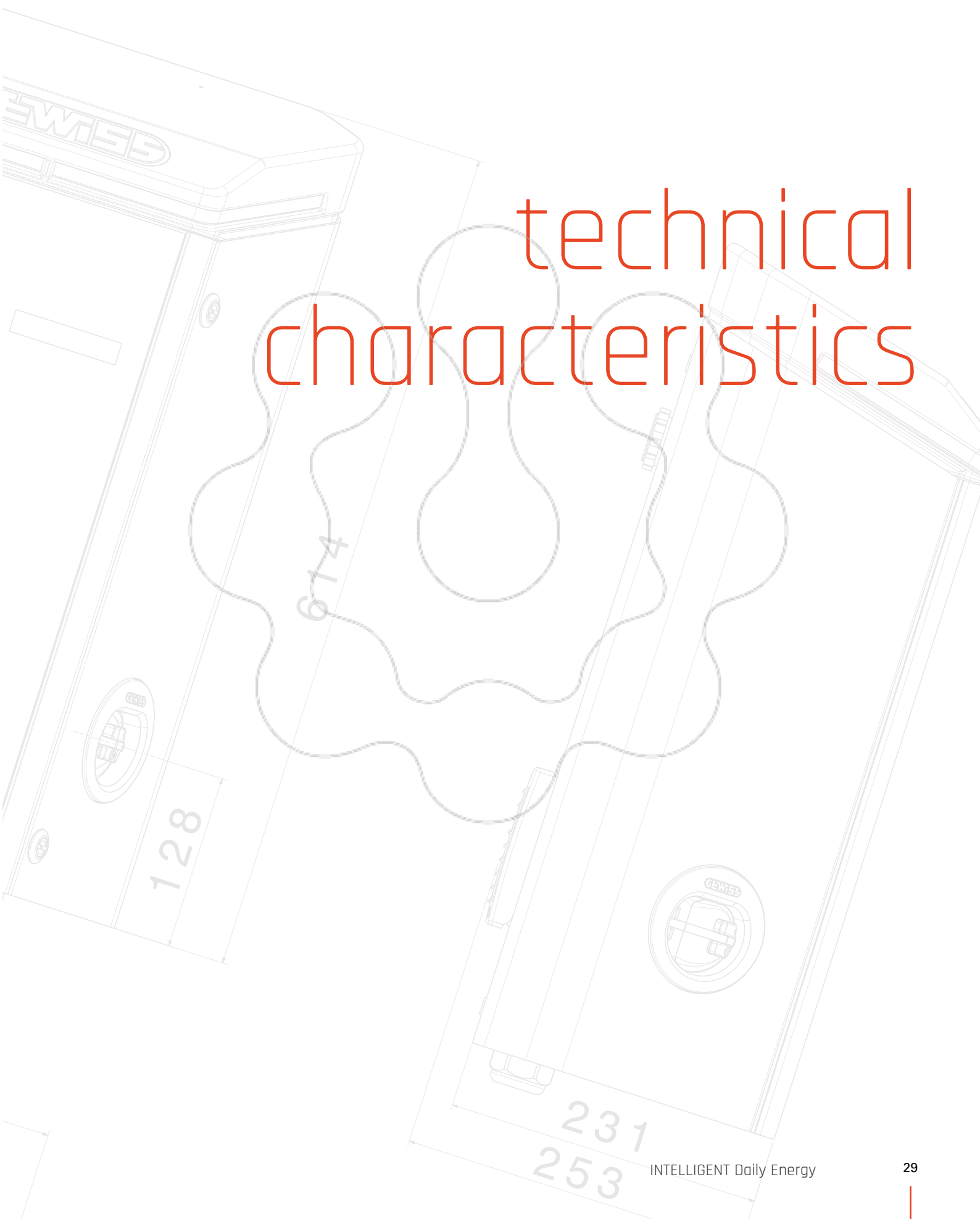
A **turn key solution** (full service) with a single point of contact and 24/7 support service

Possibility of **remote control** of powers and loads

**Customisation** option for integration of management software already in use



# technical characteristics



	7.4kW	11kW	22kW
Charging mode (EN61851)	METHOD 3	METHOD 3	METHOD 3
Charging socket-outlets (EN62196)	2 x Type 2 IPXXD	2 x Type 2 IPXXD	2 x Type 2 IPXXD

#### Input

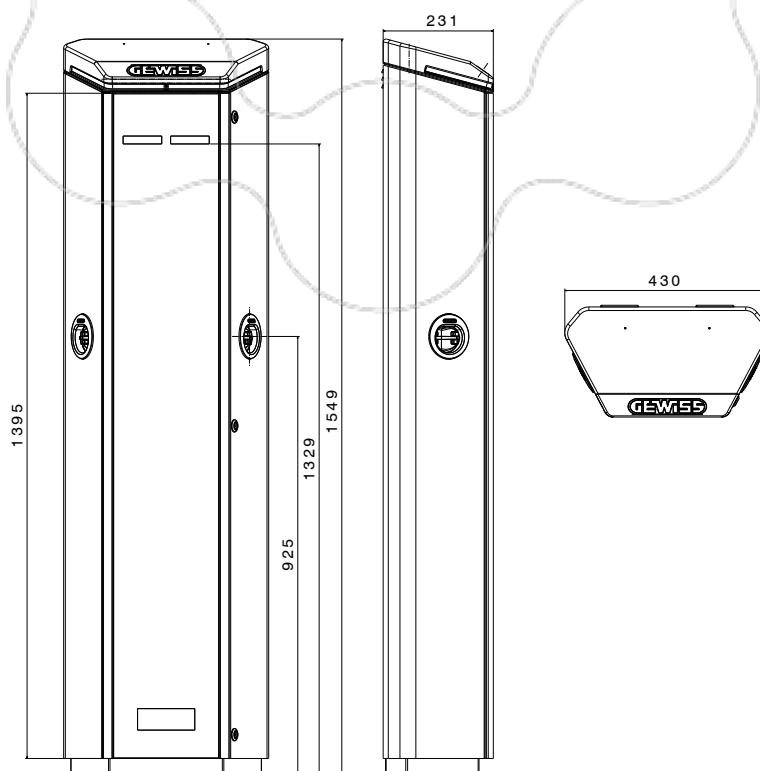
Power supply (2 separate lines)	Single-phase	Three-phase	Three-phase
Rated current	40A	40A	80A
Total power	14.8kW	22kW	44kW

#### Output

Voltage	230V	400V	400V
Maximum current	32A+ 32A	16A+ 16A	32A+ 32A
Maximum power	7.4 kW + 7.4 kW	11 kW + 11 kW	22 kW + 22 kW
Circuit breaker protection	40A - 2P - D Characteristic	20A - 4P - D Characteristic	40A - 4P - D Characteristic
Residual current protection	40A - 2P - Type B	20A - 4P - Type B	40A - 4P - Type B
Energy metering	SI, Type MID	SI, Type MID	SI, Type MID
Connectivity	OCPP 1.6 SOAP	OCPP 1.6 SOAP	OCPP 1.6 SOAP
Charging activation	RFID or APP	RFID or APP	RFID or APP
Human Interface	TFT display	TFT display	TFT display

#### Mechanical characteristics

Installation type	Floor-mounting (fixing base supplied)
Material	Sheet steel
External colour	Grey chassis, cap RAL7011
Surface treatment	Anti-graffiti surface painting
Degree of protection	IP55
Mechanical degree of resistance	IK10
Operating temperature	-5°C / +50°C



	7.4kW	11kW	22kW
Charging mode (EN61851)	METHOD 3	METHOD 3	METHOD 3
Charging socket-outlets (EN62196)	2 x Type 2 IPXXD	2 x Type 2 IPXXD	2 x Type 2 IPXXD

### Input

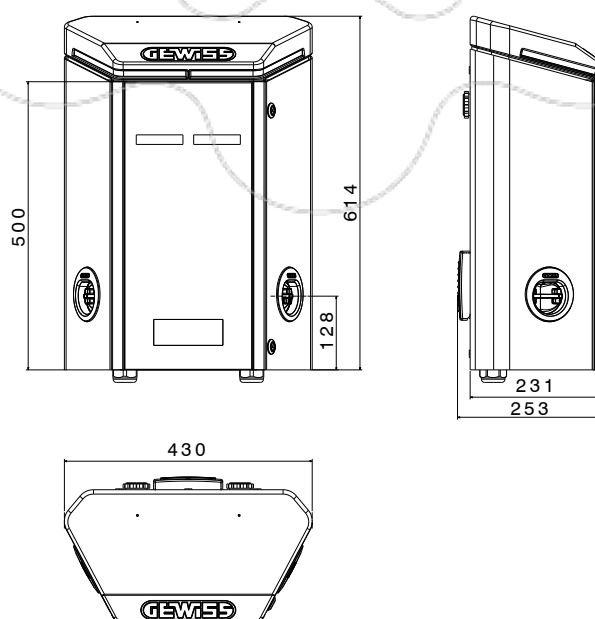
Power supply (2 separate lines)	Single-phase	Three-phase	Three-phase
Rated current	40A	40A	80A
Total power	14.8kW	22kW	44kW

### Output

Voltage	230V	400V	400V
Maximum current	32A+ 32A	16A+ 16A	32A+ 32A
Maximum power	7.4 kW + 7.4 kW	11 kW + 11 kW	22 kW + 22 kW
Circuit breaker protection	-	-	-
Residual current protection	-	-	-
Energy metering	SI, Type MID	SI, Type MID	SI, Type MID
Connectivity	OCPP 1.6 SOAP	OCPP 1.6 SOAP	OCPP 1.6 SOAP
Charging activation	RFID or APP	RFID or APP	RFID or APP
Human Interface	TFT display	TFT display	TFT display

### Mechanical characteristics

Installation type	Surface-mounting or pole
Material	Sheet steel
External colour	Grey chassis, cap RAL7011
Surface treatment	Anti-graffiti surface painting
Degree of protection	IP55
Mechanical degree of resistance	IK10
Operating temperature	-5°C / +50°C





	2.6kW	7.4kW	4.6kW	4.6kW	4.6kW
Charging mode (EN61851)	METHOD 2	METHOD 2	METHOD 3	METHOD 3	METHOD 3
Charging socket-outlets (EN62196)	3 x domestic socket-outlets ITA/DE 16A	1 x domestic socket-outlet ITA/DE 16A; 1 x IEC socket-outlet 16A 2P+E; 1 x IEC socket-outlet 32A 3P+N+E	1 x Type 1 mobile with 5m cable	1 x Type 2 mobile with 5m cable	1 x Type 2 IPXXD

**Input**

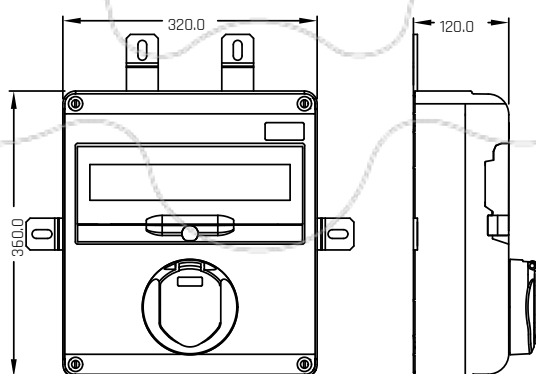
Power supply	Single-phase	Single-phase	Single-phase	Single-phase	Single-phase
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**Output**

Voltage	230V	230V	230V	230V	230V
Maximum current	32A	50A	20A	20A	20A
Maximum power	2.6kW	7.4kW	4.6kW	4.6kW	4.6kW
Circuit breaker protection and residual current protection	3 x 10A - 2P - C Characteristic - Type A	1 x 10A - 2P - C Characteristic - Type A; 1 x 16A - 2P - C Characteristic - Type A; 1 x 32A - 2P - C Characteristic - Type A	-	-	-
Energy metering	-	-	-	-	-
Charging activation	Free	Free	Free	Free	Free
Human Interface	LED	LED	LED	LED	LED

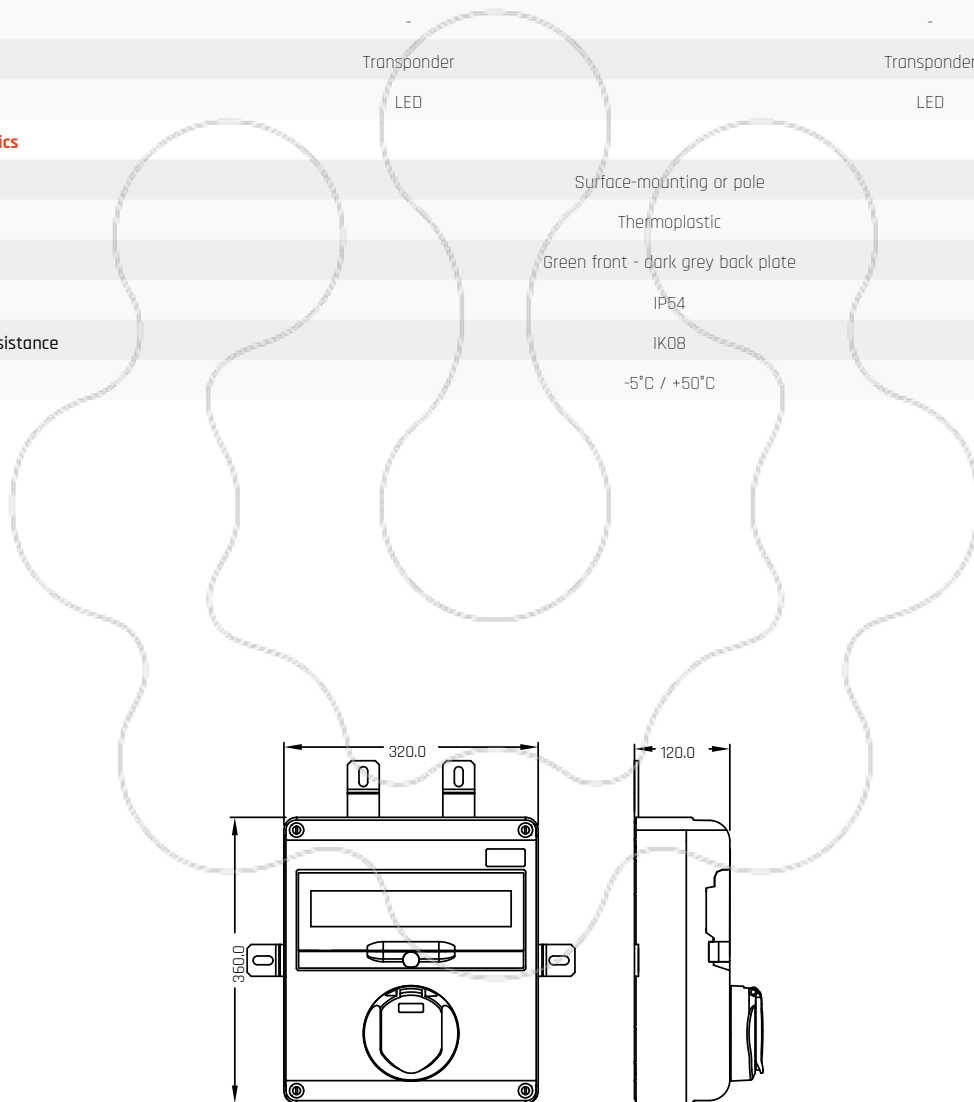
**Mechanical characteristics**

Installation type	Surface-mounting or pole				
Material	Thermoplastic				
External colour	Green front - dark grey back plate				
Degree of protection	IP54				
Mechanical degree of resistance	IK08				
Operating temperature	-5°C / +50°C				





	7.4kW	22kW
Charging mode (EN61851)	METHOD 3	METHOD 3
Charging socket-outlets (EN62196)	1 x Type 2 IPXXD	1 x Type 2 IPXXD
<b>Input</b>		
Power supply (2 separate lines)	Single-phase	Three-phase
<b>Output</b>		
Voltage	230V	400V
Maximum current	32A	32A
Maximum power	7.4kW	22kW
Circuit breaker protection and residual current protection	-	-
Energy metering	-	-
Charging activation	Transponder	Transponder
Human Interface	LED	LED
<b>Mechanical characteristics</b>		
Installation type	Surface-mounting or pole	
Material	Thermoplastic	
External colour	Green front - dark grey back plate	
Degree of protection	IP64	
Mechanical degree of resistance	IK08	
Operating temperature	-5°C / +50°C	



FOR MORE  
INFORMATION,  
CONTACT US  
ON **800 90 10 15**  
OR VISIT  
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