circontrol

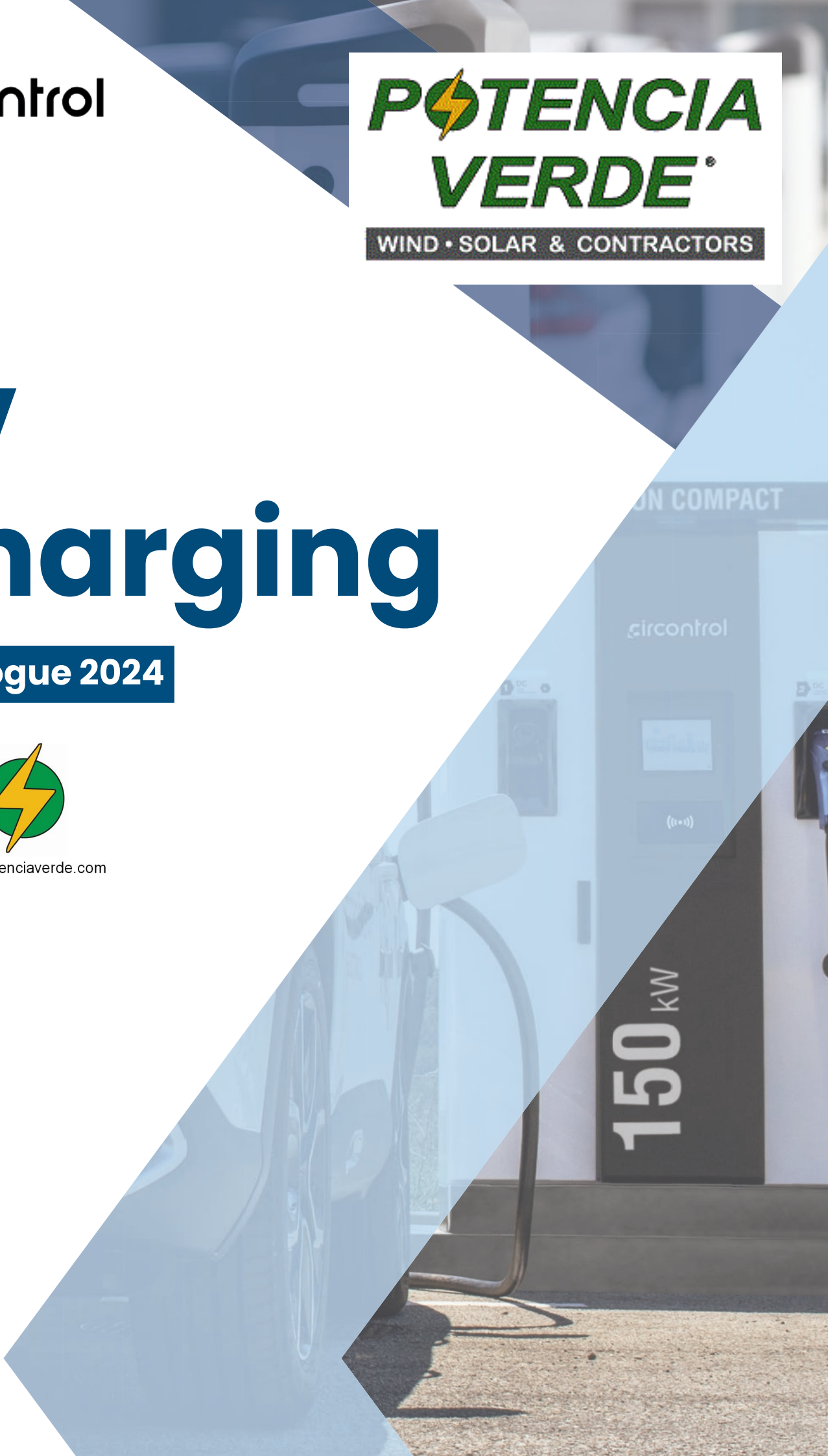
POTENCIA VERDE®

WIND • SOLAR & CONTRACTORS

EV Charging

Catalogue 2024

www.potenciaverde.com



POTENCIA VERDE®

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EV charging management systems

Domestic chargers

Semi-fast chargers

Fast chargers

Ultra-fast chargers

After sales support

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We go further

Circontrol offers intelligent charging solutions for electric vehicles with a wide product range that suits with every market need.

+60

COUNTRIES

DC

MORE THAN 5.000 CHARGERS

165K

CHARGING POINTS WORLDWIDE

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EV Charging management systems

Complementary solutions that will improve the efficiency of your charging network

Get ready for the widespread adoption of eMobility with total peace of mind

Our solutions make EV charging installations more efficient, easy, and cost-effective. Operating multiple charging points in one location presents challenges that require solutions. The use of devices, software, or solutions that allow for load management, monitoring, and reporting provides several advantages. These include preventing power cuts due to grid overloading, reducing installation and operational costs, and improving efficiency by collecting data from your charging network.

Why are our EV charging management systems important?

- Avoid power cuts caused by limited grid capacity
- Improve management efficiency through monitoring
- Reduces investment costs by avoiding the need to upgrade installations
- Achieve low operational costs through intelligent load balancing

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LOAD MANAGEMENT

Dynamic Load Management (DLM)

DLM is a smart software-based solution designed for managing energy in a multiple EV AC or DC charging infrastructure working simultaneously and integrating photovoltaics. It makes possible to distribute energy in an equitable manner or prioritise one or several EV charging points, avoiding extra costs, grid overload and blackout situations.

USAGE MANAGEMENT

COSMOS

Cosmos is the cloud-based platform designed by Circontrol to collect and store data from an EV Charging network. It simplifies and optimizes the management process, centralising all the data in an intuitive dashboard, easily manageable via Mobile APP.

INFRASTRUCTURE MANAGEMENT

Quick multi-charge system

Our multi-charge solution is designed to fit any charging need. With our Quick Multicharge System, you can combine AC and DC chargers to create a custom charging infrastructure tailored to your specific requirements. This minimizes operational costs and reduces the initial investment needed for charging infrastructure.

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Circontrol's EV charging solutions

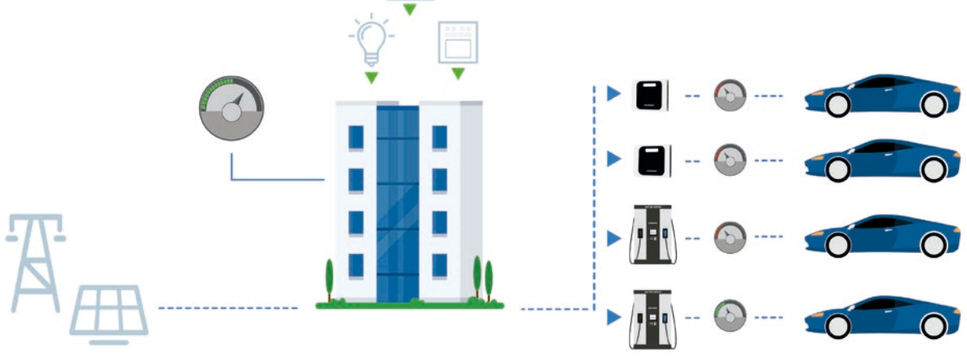
Supermarkets · Hotels · Service stations · Car park · Business · Public charge

Dynamic Load Management

Optimise simultaneous EV AC or DC charging, integrating photovoltaics and avoiding grid overloads

Smart Solution

DLM is a smart software-based solution designed for managing energy in a multiple EV charging infrastructure working simultaneously. DLM manage the remaining available power dynamically and balances between the EV chargers in the most efficient way. This software makes it possible to customize how to distribute the power available depending on your needs.
It effectively manages both AC and DC chargers, as well as the balancing of energy generated from photovoltaic installations.



AVOID GRID OVERLOAD	MINIMISE OPERATIONAL COSTS	AC + DC + PHOTOVOLTAIC & EV CHARGING DISTRIBUTION
Optimise the charge of the EV by automatically adapting to maximum available power. Never exceed it, avoiding extra costs, grid overload and blackout situations.	Avoid the high cost of updating the electrical infrastructure and recover the investment in less time. In addition, thanks to its allocation at the same place where chargers are installed, it allows easy maintenance.	DLM balances the load in an AC or DC charging infrastructure, also allowing the integration of photovoltaic self-generation energy to use the extra power to prioritise fast-charging stations.

Dynamic Load Management

Product highlights

Local solution
The DLM is allocated at the same place where chargers are installed, allowing easy maintenance

OCPP Ready
Chargers can be simultaneously controlled via OCPP, being available for using your preferred backend

Offline mode
If the communications network fails, it will continue to balance power and save the data.

Remote monitoring
DLM work can be remotely monitored in real time

BMS combination
It allows seamless integration with Building Monitory System or other external systems

Electricity time of use*
Adapt the available power based on the contracted power, date, time, or building consumption

ModBus TCP*
The DLM can also use an extension module for satellite mode communication.

BMK*
By leveraging the data from the BMK, the DLM's algorithm can automatically adjust the recharging points

*Optional device

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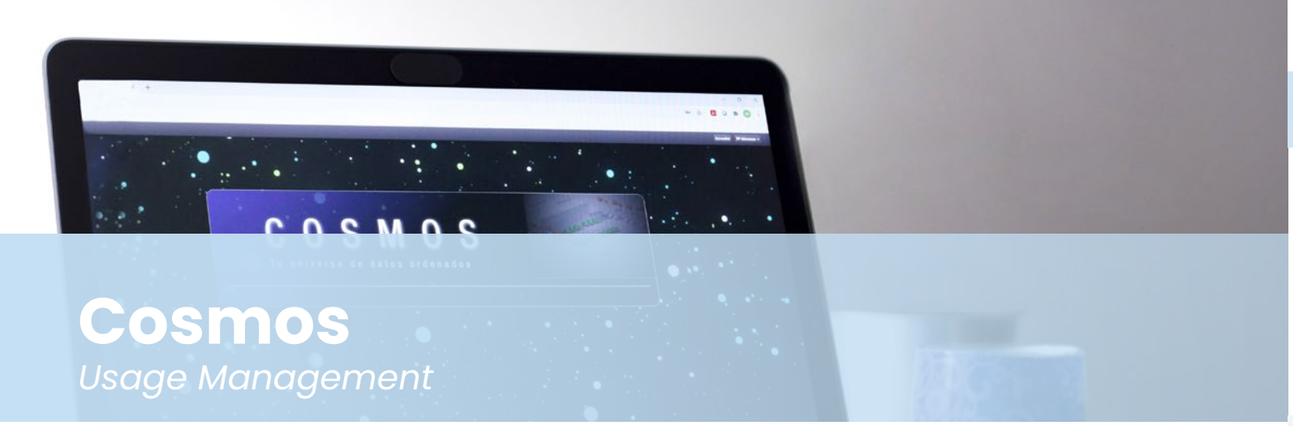
Models

Model	Chargers supported	AC	DC	PH	Enclosure	Dimensions
DLM 7 LITE	7	●			Din Rail Device	52,5 x 118 x 70 mm
DLM 20e HUB	20	●	●	●	Fanless industrial PC	127 x 80 x 42 mm
DLM 30 HUB	30	●	●	●	Compact PC	177 x 175 x 34 mm
DLM 60	70	●	●	●	Rack server	380 x 430 x 90 mm

Designed for

Service stations · **Car park** · **Business** · **Public charge** · **Fleet**

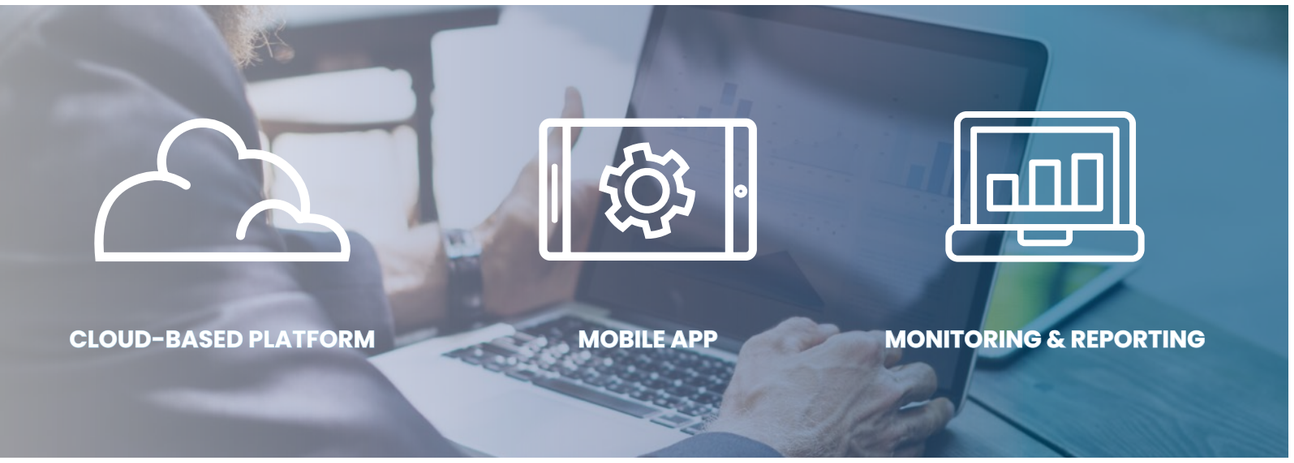


Cosmos

Usage Management

Cosmos is the platform designed by Circontrol to collect and store data from an EV Charging network. This cloud-based platform simplifies and optimizes the management process, centralising all the data in an easy and intuitive dashboard. The platform allows remote control of each charging point, as well as obtaining detailed diagnosis if any device is not working properly, reducing the fault resolution time.
Cosmos offers a user-friendly interface that doesn't require advanced technical knowledge. As well as offering an adaptable platform to grow according to the business necessities and ensuring robust data security to protect confidential information. To enhance its user-friendliness, in addition to its understandable dashboard with the most significant data, Cosmos can be easily managed via a Mobile App.

Product highlights



Cosmos

Product functionalities

Advanced rate
This configuration allows to add additional costs or features when applying a rate

Alerts module
It keeps the customer updated, anticipating problems

Tariffs
Hourly rates and/or fixed costs detailed on billing simulations

Map
Locate and check your chargers' s tatus on a map in a very easy and quick way

Register / Unsubscribe Users
Manage your charging network as well as their permissions and profiles as required

Parking Guidance
Availability of free parking spaces an occupancy analysis

Customisable Reports
Design, generate and send reports automatically by e-mail, as well as invoice simulations

Compatible with other brands
Connect other EV chargers, aside from Circontrol's via OCPP

Subscriptions

XS	S	M	L	XL
Up to 15 sockets	Up to 75 sockets	Up to 150 sockets	Up to 350 sockets	Up to 800 sockets

Designed for

Fleet · Business · Supermarkets · Hotels · Car park · Public charge

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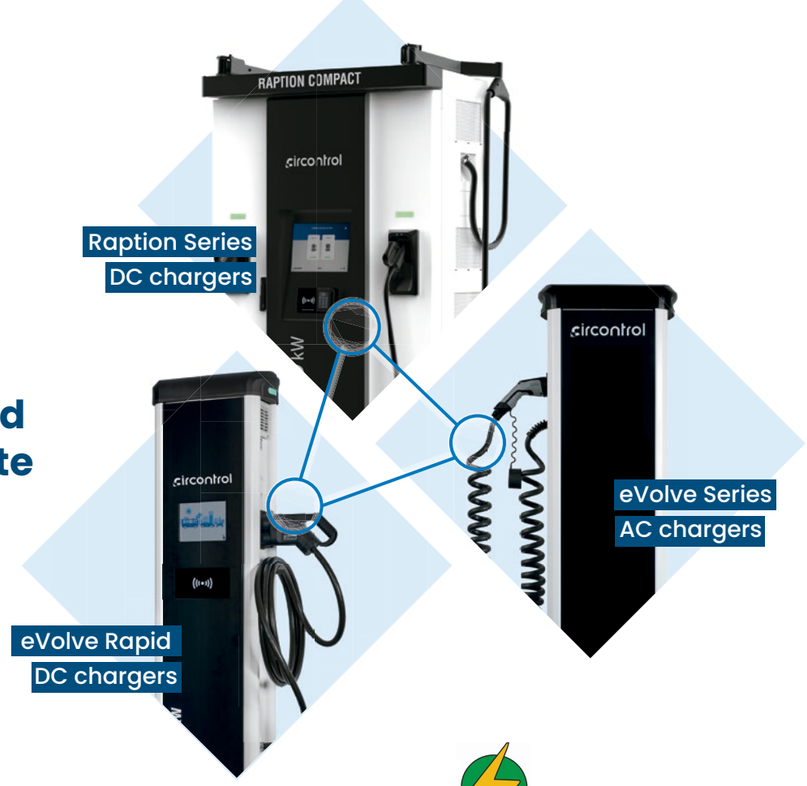
Quick multi-charge system

Infrastructure Management

What is a multi-station or master satellite charging solution?

The system consists of a master charger and a group of satellites that are controlled by it. The master charger manages the entire system, including communication and the user interface, to save on the cost of installing these features on satellite chargers while maintaining performance. Additionally, the master charger oversees the charging process. Previously, the system relied on an AC charger solution, but with the introduction of the eVolve Rapid series, fast chargers capable of delivering up to 25 kW across a range of 100 to 920V can now act as both master and satellites. This makesthe solution more flexible, faster, and expands its possibilities.

The first master-controlled AC and DC satellite chargers



Quick multi-charge system

Product highlights

Customisable
Create and customise your charging hub according to your needs

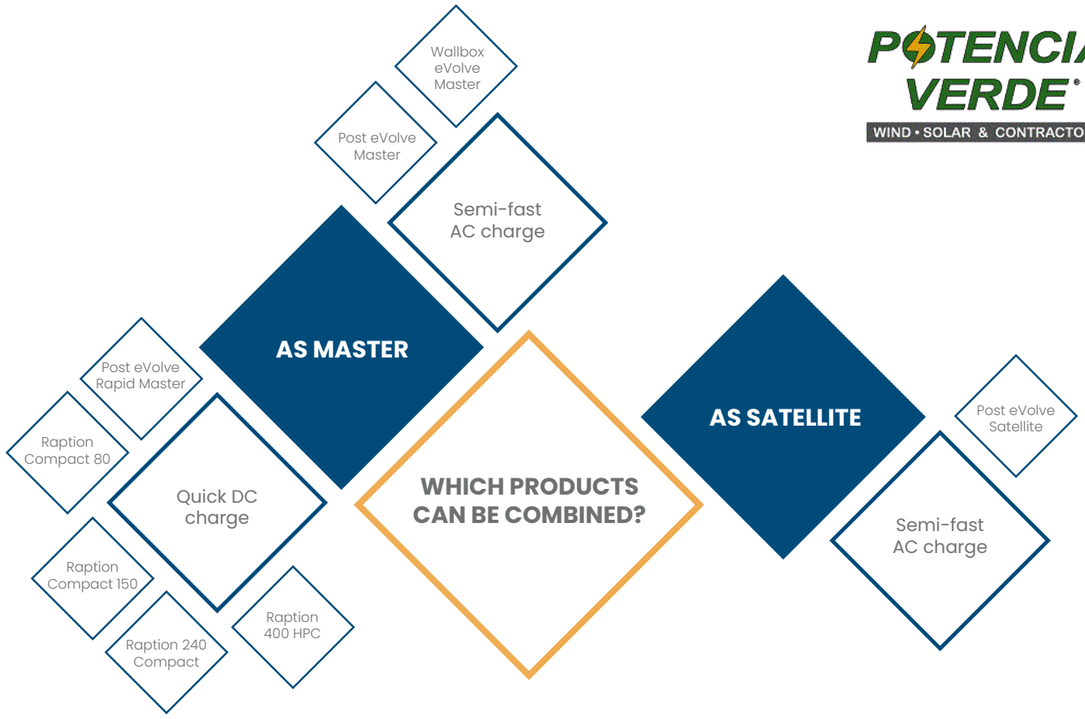
Combinable
Build a variety of AC and DC charger combinations using different power levels

Economic
Reduce your initial investment and your operating costs

Free
Manage the power of your chargers without needing to connect them to a remote back-office

Flexible
Easily add more chargers as you need them

Fast
Provide your customers with fast charging at an affordable price, without requiring a large investment



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Domestic chargers

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eHome & eHome Link

The best price-performance ratio

The eHome range has been designed for electric vehicle charging at home. This series combines great durability, an attractive and compact design, and ease of use and installation. Thanks to its compatibility with the BeOn sensor, it provides efficient power management and adapts the power consumption of the EV according to the other appliances in use to prevent over-consumption. In addition, the eHome Link can be integrated with self-consumption and home energy management systems (HEMS).

Product highlights

Power
Up to 11 kW of power to charge 70 km in 1 hour

Efficient
Charge without interruptions caused by over-consumption thanks to the Home BeOn sensor

Resistant
Its ABS plastic housing guarantees a secure installation both indoors and outdoors

User-friendly
The LED bar at the front gives information on the charger and the charge status

Compatible
With self-consumption (Genion One) and home energy management systems (HEMS)*

Secure
With DC leakage protection and surge detector*

*Exclusive eHome Link features

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eHome & eHome Link

General Specifications

Enclosure rating	IP54 / IK10*
Enclosure material	ABS-PCV0
Operating temperature	-5 ºC to +45 ºC
Storage temperature	-40 ºC to +60 ºC
Operating humidity	5% to 95% non-condensing
Light beacon	RGB indicators
Current Setting	Built-in dial
Dimensions (D x W x H)	115 x 180 x 315 mm
Weight	4 kg
External input	Remotely activated charging
Optional devices	
Type 2 Socket Protector	Shutter
Power limit control**	Home BeON sensor
Cable holder	Metal holder
Customisation	Logo customisation

eHome Link Specifications

Operating temperature	-30 ºC to +45 ºC
Communication	RS485 Modbus
Differential current protection	6mA DC
Overvoltage protection	Detector with auto reset

**IK08 for some components on the body of the charger. Screen and beacon.*
***Only for single-phase models.*

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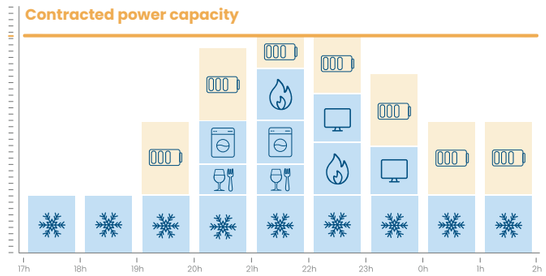
Models

Models	T1C32	T2C32	T2S32	T2C16 TRI	T2S16 TRI
AC power supply	1P + N + PE	1P + N + PE	1P + N + PE	3P + N + PE	3P + N + PE
AC voltage	230 V AC +/-10%	230 V AC +/-10%	230 V AC +/-10%	400 V AC +/-10%	400 V AC +/-10%
Maximum current	32 A	32 A	32 A	16 A	16 A
Maximum power	7,4 kW	7,4 kW	7,4 kW	11 kW	11 kW
Connector	Type 1 Cable	Type 2 Cable	Type 2 Socket	Type 2 Cable	Type 2 Socket

Home BeON Compatible

Intelligent sensor for single-phase systems

Home BeON is a sensor that can be easily added to a fuse box to dynamically adjust the current supplied to the EV to the power available at any given time, thus avoiding overloading.



Genion One

The optimal solution for charging EVs at home with photovoltaic power

This device has been designed to optimise photovoltaic power in the home by linking it with electric vehicle charging. With up to three charging modes that can be activated as required, it is the perfect addition to the eHome Link. One of its strong points is that it allows up to two electric chargers to be managed at the same time without having to worry about over-consumption, as it also balances the available power in the home when other electrical appliances are being used.

Product highlights

Scalable
Simultaneous management of two eHome Link home chargers

Compatible
Easy assembly and installation and compatibility with any inverter on the market

User-friendly
The web app is easy to set up and allows the user to manage the device and monitor the energy flows in the home

Programmable
With 3 management modes depending on the user's needs: EV charging with 100% green energy, with the lowest rates, or with the maximum available power

Efficient
Optimisation of the power available for EV charging when other appliances are in operation, avoiding overloading Compatible with Home BeON for dynamic load management

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Genion One

General specifications

Power supply	85 … 264 Vca / 120 … 300 Vdc
Frequency	47 / 63 Hz
Consumption (AC / DC)	8,8 … 10,5 VA / 6,4 … 6,5 W
Temperature range	-20 … +50 °C
Humidity range	5 … 95 %
Maximum operating altitude	2000 m
Enclosure material	UL94 - V0 self-extinguishing polycarbonate
Rating	IP20
Dimensions (W x H x L)	105 × 88.5 × 48 mm (6 DIN rail modules)
Weight	150 g
Mounting	DIN rail 46277 (EN 50022)
Plugs	Plug-in terminals. Max. cable cross-section 1.5 mm²
Shock protection	Class II double insulation
Insulation	3 kVac

Installation category	CAT III 300 V
Wi-Fi	802.11 b/g/n (2.4 GHz)
Interface series - Type	RS-485 (half-duplex). Galvanic isolation
Interface series - Speed	9600 … 115200 bps
Network interface - Type	Ethernet
Network interface - Speed	10/100 Mbps
Nominal voltage (Un)	285 Vac (f - N) / 480 Vac (f - f)
Voltage measurement range	5 … 120% Un
Nominal current (In)	In / 1 A
Current measurement range	2 … 120% In
Active power measurement	Class 1
Reactive power measurement	Class 2
Standards	UNE EN 61010-1, UNE-EN 61000-6-2, UNE-EN 61000-6-4

Electrical characteristics

Frequency	50 / 60 Hz
Secondary circuit current	250 mA
Metering	3 x Single-phase
Precision class	3

Enclosure charcteristics

Enclosure rating	V0

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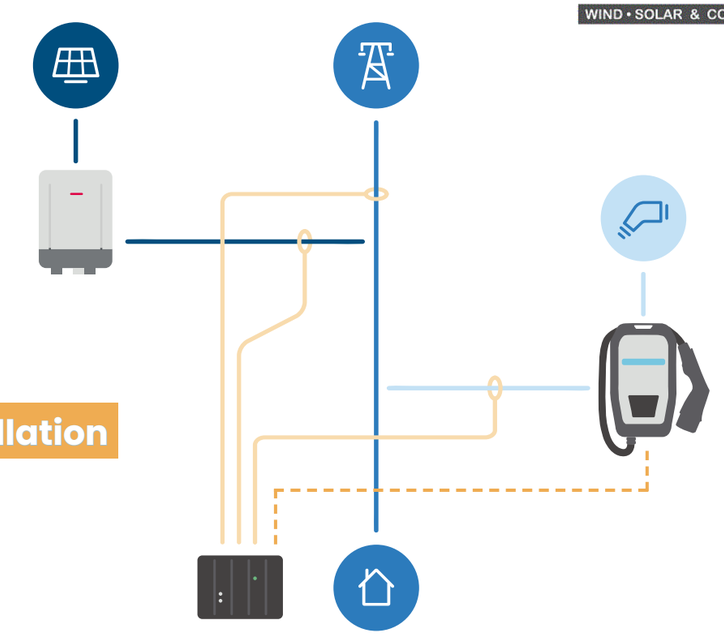
Basic installation diagram



eNext

Attractive design, connectivity and simplicity for home charging

Designed for domestic environments, this wall charger stands out for its connectivity and ease of use as it allows users to conveniently manage charging from any smart device. Its compact and sleek design makes it the perfect charger for both indoor and outdoor home use.

Product highlights

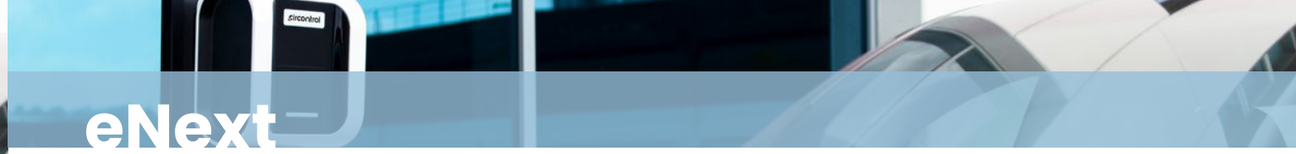
Power
Up to 22 kW of power with a type 2 plug, to charge approximately 130 km in 1 hour

User-friendly
Configuration, authorization, and activation of charging can be done remotely using the app and Bluetooth

Programmable
Charge scheduling according to the most advantageous electricity rates

Secure
Charge scheduling according to the most advantageous electricity rates

Efficient
Compatible with Home BeON for dynamic load management



eNext

General Specifications

Wireless communication	Bluetooth v4.2 + BLE
Enclosure rating	IP54 / IK10*
Enclosure material	ABS / PC
Operating temperature	-5 ºC to +45 ºC
Storage temperature	-40 ºC to +60 ºC
Storage temperature	5% to 95% Non-condensing
Light beacon	RGB colour indicator
Power limit control	Mode 3 PWM control according to ISO/IEC 61851-1
Dimensions (D x W x H)	200 x 335 x 315 mm
Weight	4 kg
External input	Remote charging activation
Safety protection	Welded contactor detection

Optional devices	
Protections	DC 6 mA leakage detection
Power limit control**	Home BeON sensor
Type 2 socket protection	Locking System
Type 2 charging socket	Shutter
Tethered cable	Type 1 straight + cable holder Type 2 straight + cable holder
Pedestal	
Customisation	Logo customisation

** IK08 in some components appended to the body, i.e., beacon light.*
*** Single-phase models only.*

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Models

Models	**S**	**T**
AC power supply	1P + N + PE	3P + N + PE
AC input voltage	230 V AC +/-10%	400 V AC +/- 10%
Maximum input current	32 A	32 A
Maximum input power	7,4 kW	22 kW
Number of plugs	1	1
Maximum output power per outlet	7,4 kW	22 kW
Maximum output current per outlet	32 A	32 A
AC output voltage	230 V AC (1P+N+PE)	400 V AC (3P+N+PE)
Socket Type	1 x Type 2 Socket	1 x Type 2 Socket

Home BeON Compatible

Intelligent sensor for single-phase systems

Home BeON is a sensor that can be easily added to a fuse box to dynamically adjust the current supplied to the EV to the power available at any given time, thus avoiding overloading.

Pedestal

Tótem PdV

Pedestal
Material:
Aluminio 5754
Peso:
10 kg
Dimensiones:
1500x373x150 mm

Tótem PdV
Material:
Poliestireno
(1,5 mm de ancho)
Peso:
4 kg
Dimensiones:
1500x373x150 mm

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Semi-fast chargers

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eNext Park & Elite

Attractive design with display and communications for remote management

Designed for use in companies and indoor and outdoor car parks, these wall chargers take the smart charging concept to the next level. Thanks to their integration with backend managers, they enable convenient and reliable charging. Their compatibility with the DLM system makes them the perfect choice for a car park with multiple charging points.

DESIGN AWARD 2021

Product highlights

Power
Up to 22 kW of power with a type 2 plug, to charge approximately 130 km in 1 hour

Connected
Connectivity via Ethernet, 4G/3G/GPRS modem (optional) and Wi-Fi (eNext Elite). Easily integrated with back-office system via OCPP

Secure
They include MID meters and, in the case of the eNext Elite, safety detectors (interlocked contacts and 6 mA leakage current) *

Scalable
Compatible with dynamic load management (DLM) system for easy system scalability

Programmable
Charge scheduling according to the most advantageous electricity rates *

User-friendly
Display and flexible authentication process for an enhanced user experience

*Exclusive eNext Elite features

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eNext Park & Elite

General Specifications

Network connection	Ethernet 10/100BaseTX (TCP-IP)
Wireless communication	Wi-Fi 2.4GHz (IEEE 802.11b/g/n)*
Interface protocol	OCPP 1.5 / OCPP 1.6J / OCPP2.0 Jready
Enclosure rating	IP54 / IK10**
Enclosure material	ABS / PC
Protections	6 mA DC leakage detection* Welded contactor detection*
Operating temperature	-5ºC to 45ºC
Storage temperature	-40ºC to + 60Cº
Operating humidity	5% to 95% Non-condensing
Light beacon	RGB colour indicator
Display	Park: Multi-language LCD Elite: 3,5" colour Multi-language LCD
Dimensions (D x W x H)	200 x 335 x 315 mm
Power limit control	Mode 3 PWM according to ISO/ IEC 61851-1
Weight	4 kg
RFID Reader	ISO / IEC14443A&B MIFARE Classic/DESFire EV1 ISO 18092 / ECMA - 340 NFC 13.56MHz* FeliCa* ISO/IEC 15693* ISO/IEC 18092*
Power limit control	Mode 3 PWM control according to ISO/IEC 61851-1
Meter	MID Class 1 - EN50470-3
Type 2 socket protection	Locking system
Dispositivos opcionales	
Low temperature kit	-30 ºC to +45 ºC
Type 2 socket protection	Shutter
Tethered cable	Type 1 straight + cable holder Type 2 straight + cable holder
Wireless communication	4G/3G/GPRS/GSM
Pedestal	Painted aluminum support
Compatible with DLM	
Power limit control	Home BeON Sensor*
Customisation	Logo customisation

** Only eNext Elite.*

***IK08 in some components appended to the body, i.e., beacon light.*

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Models

Models	S	T	S Two***
AC power supply	1P + N + PE	3P + N + PE	1P + N + PE
AC input voltage	230 V AC +/-10%	400 V AC +/- 10%	230 V AC +/-10%
Maximum input current	32 A	32 A	64 A
Maximum input power	7,4 kW	22 kW	14,8 kW
Number of plugs	1	1	2
Simultaneous charging sessions	1	1	2
Outlet A			
Maximum output current	32 A	32 A	32 A
Maximum output power	7,4 kW	22 kW	7,4 kW
AC output voltage	230 V AC (1P+N+PE)	400 V AC (3P+N+PE)	230 V AC (1P+N+PE)
Outlet B			
Maximum output current	-	-	32 A
Maximum output power	-	-	7,4 kW
AC output voltage	-	-	230 V AC (1P+N+PE)
Connection	1 x Type 2 Socket A	1 x Type 2 Socket A	2 x Type 2 Socket A B

**** Only eNext Park.*

eNext Park & eNext Elite Series

Series	Wifi Connection	Screen	Remote activation	Time programming	Protections
eNext Park	✗	LCD 2 lines	OCPP	✗	✗
eNext Elite	✓	3,5" color screen	User programmable	✓	6mADC leakage detection & welded contactor detection

eVolve Smart

The perfect combination of durability, design and communication

This charger with up to 44 kW of power is adapted to the semi-fast charging needs of current and future cities. Its sleek and robust enclosure allows it to fit in anywhere, especially in heavy use environments such as fleets or public car parks.

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Product highlights

Power
Up to 22 kW of power with a type 2 plug, to charge approximately 130 km in 1 hour

Scalable
Compatible with dynamic load management (DLM) system for easy system scalability

Connected
Connectivity via Ethernet, 4G/3G/GPRS modem and easily integrated with back-office system via OCPP

User-friendly
Enhanced user experience thanks to its display and flexible authentication process

Resistant
Robust enclosure made of aluminium and ABS plastic with high durability and easy access for maintenance through the door at the front

Secure
They include MID meters and integrated electrical safeguards

eVolve Smart

General Specifications

Network connection	10/100BaseTX (TCP-IP) / WiFi
Interface protocol	OCPP 1.6 J / OCPP 2.0.1 Ready
Enclosure rating	IP54 / IK10
Enclosure material	Aluminium & ABS
Enclosure door lock	Anti-vandal key
Enclosure access	Frontal door
Operating temperature	-5 °C to +50 °C
Storage temperature	-40 °C to +60 °C
Operating humidity	5% to 95% Non-condensing
Light beacon	RGB colour indicator
Display	Multi-language LCD
Power limit control	Mode 3 PWM control according to IEC 61851-1
Dimensions (D x W x H)	Post: 290 x 450 x 1550 mm Wallbox: 220 x 380 x 930 mm
Weight	Post: 55 kg Wallbox: 30 kg
RFID Reader	ISO / IEC14443A / B FeliCa ISO/IEC 15693/ICODE
Meter	MID Class 1 - EN50470-3

Power output management	Integrated Load Management
Overcurrent protection	MCB (curve C)
Safety protection	RCD Type A (30 mA) + 6 mA DC + Welded contactor detector
Optional devices	
Low temperature kit	-30 °C to +50 °C
Safety protection	RCD Type B
Safety protection	NF (FR)
Type 2 charging socket	Shutter
Wireless Communication	4G / 3G / GPRS / GSM
Customisation	Vinyl or logo
Only for post	
Safety protection	PEN Fault (UK)
Connections	Include 2 x CEE-7 (sockets)
Tethered Cable (4 m length)	Type 2 + Type 2 (spring)
Contactless payment	Cloud credit card payment terminal
Grid connection	Approved according V.3 norm - Elaad (NL)*
Meter	Eichrecht Conform*

*Ask for availability

Models

Models (post & wallbox)	S	T
AC power supply	1P + N + PE	3P + N + PE
AC input voltage	230 V AC +/-10%	400 V AC +/- 10%
Maximum input current	64 A	64 A
Maximum input power	14,7 kW	44 kW
Number of plugs	2	2
Simultaneous charging sessions	2	2
Outlet A		
Maximum output current	32 A	32 A
Maximum output power	7,4 kW	22 kW
AC output voltage	230 V AC (1P+N+PE)	400 V AC (3P+N+PE)
Outlet B		
Maximum output current	32 A	32 A
Maximum output power	7,4 kW	22 kW
AC output voltage	230 V AC (1P+N+PE)	400 V AC (3P+N+PE)
Connection	2x Type 2 Socket (lock system) A B	2x Type 2 Socket (lock system) A B

eVolve Master-Satellite

The optimal multi-charge solution

These semi-fast chargers, with a charging power of up to 44 kW, are ideal for multi-charging in shopping centres, companies, vehicle fleets, and public and private car parks. The Master-Satellite architecture guarantees lower installation costs and higher efficiency in the use of available power. The 8" screen and payment system on the master device provide a great user experience.

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Product highlights

Power
Up to 43 kW of power with type 2 plugs, to charge approximately 260 km in 1 hour

Cost-effective
Reduction of the installation CAPEX thanks to the centralisation of the management of up to 8 satellites through a master charger

Efficient
Balancing of the available power to maximise the performance of the system

User-friendly
8-inch touchscreen, an intuitive interface, and a simple payment system on the Master for an enhanced user experience

Secure
They include MID meters and integrated electrical safeguards

Resistant
Robust enclosure made of aluminum and ABS plastic with high durability and easy access for maintenance through the door at the front

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eVolve Master -Satellite

General Specifications

Enclosure rating	IP54 / IK10
Enclosure material	Aluminium & ABS
Enclosure door lock	Anti-vandal key
Enclosure access	Frontal door
Operating temperature	-5 °C to + 45 °C
Storage temperature	-20 °C to + 60 °C
Operating humidity	5% to 95% Non-condensing
Meter	MID Class 1 - EN50470-3
Light beacon	RGB colour indicator
Power limit control	Mode 3 PWM control according to ISO/IEC 61851-1
Dimensions (D x W x D)	290 x 450 x 1550 mm
Weight	55 kg
Power Output Management	Integrated Load Management
Overcurrent protection	MCB (Curve C)
Safety protection	RCD Type A (30 mA)
Type 2 socket protection	Locking system

Master	
Network connection	10/100TX (TCP-IP)
Interface protocol	OCPP 1.5 / OCPP 1.6 J / OCPP 2.0.1 Ready
Display HMI	8" anti-vandal touchscreen
RFID Reader	ISO/IEC 14443 A/B MIFARE Classic/DESFire EV1 ISO 18092 ECMA-340 NFC 16.53MHz
Satellite	
Master Communication	Ethernet UTP
Optional devices	
Low Temperature Kit	-30 °C to +45 °C
Safety Protection	RCD Type B
Type 2 socket protection	Shutter
Wireless communication *(only in Master)*	EMEA - 4G LTE/WiFi Hotspot/GPRS/ GSMLATAM/APAC - 4G LTE/GPRS/ GSM
Tethered cable *(cable length: 4m)*	Type 1 + Type 1 (spring) Type 2 + Type 2 (spring)
Network hub *(only available in Post Master)*	1 or 2 Switch TCP ethernet 8 ports
Contactless payment *(only available in Post Master)*	Integrated credit card payment terminal
Customisation	Vinyl or logo

Models

Models	S	T
AC power supply	1P + N + PE	3P + N + PE
AC input voltage	230 V AC +/-10%	400 V AC +/- 10%
Maximum input current	64 A	64 A
Maximum input power	14,7 kW	44 kW
Number of plugs	2	2
Outlet A		
Maximum output current	32 A	32 A
Maximum output power	7,4 kW	22 kW
AC output voltage	230 V AC (1P+N+PE)	400 V AC (3P+N+PE)
Outlet B		
Maximum output current	32 A	32 A
Maximum output power	7,4 kW	22 kW
AC output voltage	230 V AC (1P+N+PE)	400 V AC (3P+N+PE)
Connection		
Master	2x Socket Type 2 (lock system) A B	2x Socket Type 2 (lock system) A B
Satellite	2x Socket Type 2 (lock system) A B	2x Socket Type 2 (lock system) A B

Fast power chargers

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eVolve Rapid Master

The perfect solution for DC charging in environments with limited power

This 25 kW fast charger is ideal for supplying DC charging to the Master-Satellite system. Like their AC counterpart, it is ideal for multi-charging in shopping centres, companies, vehicle fleets, and public and private car parks. This solution is particularly well-suited for heavy-use environments as it provides great resistance high durability and easy access for maintenance.

Product highlights

Power
25 kW of power with CCS plugs, to charge approximately 150 km in 1 hour

Cost-effective
Reduction of the installation CAPEX thanks to the centralisation of the management of up to 8 satellites through a master charger

Future-proof
Technology with a wide voltage range (from 150 to 920 V) for charging all types of vehicles, from new cars to heavy vehicles

Compatible
Enables the combination of AC and DC chargers in multi-point environments with different charging speeds

User-friendly
8-inch touchscreen, an intuitive interface, and a simple payment system for an enhanced user experience

Secure
They include MID meters and integrated electrical safeguards

eVolve Rapid Master

General Specifications

AC power supply	3P + N + PE
AC input voltage	400 V AC +/- 10% three-phase
Power factor	>0.98
Efficiency	95% at nominal output power
Frequency	50 / 60 Hz
Power supply capacity	27 kVA
Maximum AC input current	39 A
Maximum output current	70 A
Compliance	CE / Combo-2 (DIN 70121; ISO 15118) IEC 61851-1; IEC 61851-23 IEC 61851-21-2
Enclosure material	Aluminium and ABS
Enclosure rating	IP54 and IK10
Operating humidity	Up to 95%
Operating temperature	-35 °C to +45 °C
Storage temperature	-40 °C to +60 °C
Environment	Outdoor/indoor
Light beacon	RGB colour indicator
Enclosure access	Front door
Cable length	5.5 metres
Cable support	Holder support and integrated cable roller
Dimensions (W x H x D)	479 x 1750 x 288 mm
Weight	77 kg
Meter	MID Meter Class 1 - EN 50470-3

Overcurrent protection	MCB (Curve C)
Safety protection	RCD Type A (30 mA)
Post Master	
Connections	10/100TX (TCP-IP)
Interface protocol	OCPP 1.6J / 2.0 HW Ready
HMI screen	8" anti-vandal touchscreen
RFID Reader	ISO/IEC 14443 A/B MIFARE Classic/DESFire EV1 ISO 18092 ECMA-340 NFC 16.53MHz
Wireless connection EMEA	4G LTE/WiFi Hotspot/GPRS/GSM
Connectivity	Switch TCP ethernet 8 ports
AC Satellites	
Communication with the master	UTP ethernet
Connectivity	Switch TPC ethernet 8 ports
Optional devices	
Wireless connection LATAM/APAC	4G LTE/GPRS/GSM
Connectivity	Switch TCP ethernet 16 ports
RFID extension	Legic Advant / Legic Prime ISO 15693 / ISO 18092, Sony FeliCa
Contactless payment	Built-in credit card payment terminal
Customisation	Vinyl or logo

Models

Models	CCS
Maximum output power	25 kW
Voltage range	150-920 V DC
Connection	

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Raption Compact 80

A plus of power that makes the difference

This fast charger stands out from other market solutions thanks to its plus of power which makes it an ideal choice for urban and interurban environments. It offers 80 kW fast charging for a single EV and 40 kW per plug when charging two vehicles simultaneously, providing flexibility and adaptability to meet charging demand. Additionally, it includes the enhanced user experience of the Raption series, along with modular architecture, high efficiency, and advanced connectivity features.

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Product highlights

Power
Up to 80 kW of power for charging up to 80 km in 10 minutes

Flexible
Able to charge 80 kW and 266 A in Boost mode when charging an EV, regardless of the voltage. Additionally, it offers simultaneous charging of two EVs (40 kW per plug)

Future-proof
Modular architecture with high-efficiency power modules to improve up-time and reduce operating costs

Adjustable
Compatible with Circontrol's dynamic load management system (DLM). Besides, it features Master configuration capabilities in Master-AC Satellite solutions

User-friendly
The 15-inch touchscreen, combined with its intuitive interface and other user-focused features like assisted cable management, courtesy lights, and contactless payment enhances the user experience

Accurate
Includes an optional DC direct current billing MID meter, with a built-in LCD display to show real-time measurements, energy, alarms, and legal data to the EV user

General Specifications

AC power supply	3P + N + PE
AC Voltage	400V AC +/- 10% 480V AC +/-10%
Maximum AC input current	142 A
Power supply capacity	86 kVA
Power factor	>0.99
Efficiency	96% at nominal power
Frequency	50 / 60 Hz
Grid isolator	Switch disconnector
Electrical protection	MCB curve C Isolation monitoring device
Connections	Ethernet 10/100 BaseTX
Interface protocol	OCPP 1.6J / 2.0 HW Ready
Compliance	CE / Combo-2 (DIN 70121; ISO15118) IEC 61851-1; IEC 61851-23; IEC 61851-21-2 CHAdeMO compatible
Enclosure rating	IP54 / IK10
Structure material	Stainless steel
Operating temperature	-30 °C to +50 °C
Storage temperature	-40 °C to +60 °C
Operating humidity	5% to 95% Non-condensing
RFID Reader	ISO / IEC 14443-1/2/3 MIFARE Classic
HMI screen	15" anti-vandal colour touchs-creen
Power limit control	By software

Cable length	4 metres (CCS) 3.5 metres (CHAdeMO)
Lights beacon	RGB colour indicator
Dimensions (D x W x H)	425 x 940 x 1810 mm (without cable)
Weight	300 kg
Cooling system	Air cooling fans
Operational noise level	< 65 dB
AC Meter	Compliant with EN 50470-1 and EN 50470-3 (MID European standards)or IEC 62052-11
Wireless Communication EMEA	Dual 4G LTE/WiFi Hotspot/ GPRS/GSM
Network hub	Switch TCP ethernet 8 ports
Optional devices	
Wireless Communication LATAM/APAC	4G LTE/GPRS/GSM
Surge protection	Protection against permanent overvoltage IEC 61643-1 (class II)
Cable Length	5.5 metres
Anti-vandal connector protection	CHAdeMO, CCS (mechanical connector locking)
RFID Extension	Legic Advant / Legic Prime ISO 15693/ISO 18092. Sony FeliCa
Contactless payment	Built-in credit card payment terminal
Cable management	Assisted cable system
Energy metering	DC MID meter (LNE certification included)

Models

Models	CCS CCS	CCS CHA
Maximum output power	CCS: 80kW CCS: 80 kW	CCS: 80 kW CHA: 80 kW
Voltage range	CCS: 150-920 V CCS: 150-920 V	CCS: 150-920 V CHA: 150-500 V
Maximum output current	CCS: 266 A CCS: 266 A	CCS: 266 A CHA: 200 A
Connection		

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Ultra – fast chargers

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Raption Compact 150

The perfect balance of compact design, power, and dual charging

This compact-size fast charger of up to 150 kW (UFC) combines 150 kW ultra-fast charging with 75 kW simultaneous charging to provide flexibility based on the charging demand. Its modular power architecture, high efficiency and high usability make it ideal for charging hubs and public areas.

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Product highlights

Power
Up to 150 kW of power for charging up to 150 km in 10 minutes

Future-proof
From 100 to 150 kW in 25 kW modules to meet the increasing demands of batteries. The Boost mode always delivers 150 kW to all vehicles and batteries on the market, regardless of voltage

Flexible
Simultaneous charging of two electric vehicles splitting the available power (for example 75 kW + 75 kW)

Scalable
Dynamic load management and master configuration for multi-charge systems

User-friendly
The 8-inch touchscreen, along with its extremely intuitive interface and other user-focused features such as courtesy lights and contactless payment, provides an enhanced user experience

Efficient
Architecture with high-efficiency power modules to improve up-time and reduce operating costs

Raption Compact 150

General Specifications

AC power supply	3P + N + PE
AC Voltage	400 V AC +/- 10% 480 V AC +/- 10%
Maximum AC input current	260 A
Power supply capacity	160 kVA
Power factor	>0.98
Efficiency	95% at nominal power
Frequency	50 / 60 Hz
Electrical input protection	MCCB
Overload protection	MCB
Differential current protection	Type B RCD
Connections	Ethernet 10/100BaseTX
Interface protocol	OCPP 1.6J/2.0 HW Ready
Compliance	CE / Combo-2 (DIN 70121; ISO 15118) IEC 61851-1; IEC 61851-23; IEC 61851-21-2 CHAdeMO compatible
Enclosure rating	IP54 / IK10
Structure material	Stainless steel
Operating temperature	-30 °C to +50 °C
Storage temperature	-40 °C to +60 °C
Operating humidity	5% to 95% non-condensing
RFID Reader	15" anti-vandal colour touchscreen
Power limit control	By software

Cable length	4 metres (CCS) 3.5 metres (CHAdeMO)
Light beacon	RGB colour indicator
Dimensions (D x W x H)	550 x 1140 x 1910 mm (without cable)
Weight	450 kg
Cooling system	Air cooling fans
Operational noise level	< 55 dB
AC Meter	Compliant with EN 50470-1 and EN 50470-3 (MID European standards) or IEC 62052-11
Wireless Communication EMEA	4G LTE/WiFi Hotspot/GPRS/GSM
Optional devices	
Wireless Communication LATAM/APAC	4G LTE/GPRS/GSM
Overload protection	Four-pole overvoltage protector IEC 61643-1 (class II)
Cable Length	5.5 metres (all cables)
Anti-vandal connector protection	CHAdeMO, CCS (mechanical connector locking)
Network hub	Switch TCP ethernet 8 ports
RFID extension	Legic Advant / Legic Prime ISO 15693/ISO 18092. Sony FeliCa
Contactless payment	Built-in credit card payment terminal
EMC Class B	IEC61000 EMC Filter
Customisation	Frontal or 360°

Models

Models	CCS CCS	CCS CHA
Maximum output power	CCS: 150 kW CCS: 150 kW	CCS: 150 kW CHA: 100 kW
Voltage range	CCS: 150-920 V CCS: 150-920 V	CCS: 150-920 V CHA: 150-500 V
Maximum output current	CCS: 375 A CCS: 375 A	CCS: 375 A CHA: 200 A
Connection		

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Raption Compact 240

Greater dose of power for a convenient simultaneous charging

This compact fast charger can deliver up to 240 kW of charging power. It combines 240 kW ultra-fast charging with 120 kW simultaneous charging, offering flexibility based on the charging demand. Its modular power architecture, high efficiency, and user-friendly design make it suitable for charging hubs and public areas, where minimizing charging times is important.

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Product highlights

Power
Up to 240 kW of power for charging up to 240 km in 10 minutes

Flexible
Able to charge 240 kW and 500 A in Boost mode when charging one vehicle, regardless of the EV's voltage. Moreover, it offers simultaneous charging of two EVs splitting the available power (up to 120 kW per plug)

Adjustable
Compatible with Circontrol's dynamic load management system (DLM). Besides, it features Master configuration capabilities in Master-AC Satellite solutions

User-friendly
The 15-inch touchscreen, combined with its intuitive interface and other user-focused features like cable management, courtesy lights and contactless payment enhances the user experience

Accurate
Includes an optional DC direct current billing MID meter, with a built-in LCD display to show real-time measurements, energy, alarms, and legal data to the EV user

Future-proof
Modular architecture with high-efficiency power modules to offer two models (160 kW or 240 kW). Besides, this architecture improves up-time and reduces operating costs

Raption Compact 240

General Specifications

AC power supply	3P + N + PE
AC Voltage	400V AC +/- 10% 480 V AC +/-10%
Maximum AC input current	415 A
Required power supply capacity	258 kVA
Power Factor	>0.99
Efficiency	96% at nominal output power
Frequency	50 / 60 Hz
Grid isolator	Switch disconnector
Electrical protection	MCB curve C Isolation monitoring device
Connections	Ethernet 10/100 BaseTX
Interface protocol	OCPP 1.6J / 2.0 HW Ready
Compliance	CE / Combo-2 (DIN 70121; ISO15118) IEC 61851-1; IEC 61851-23; IEC 61851-21-2 CHAdeMO compatible
Enclosure rating	IP54 / IK10
Structure material	Stainless steel
Operating temperature	-30 °C to +50 °C
Storage temperature	-40 °C to +60 °C
Operating humidity	5% to 95% non-condensing
RFID Reader	ISO / IEC 14443-1/2/3 MIFARE Classic

HMI screen	15" anti-vandal colour touchscreen
Power limit control	By software
Cable length	4 metres (CCS) 3.5 metres (CHAdeMO)
Light beacon	RGB colour indicator
Dimensions (D x W x H)	635 x 1235 x 1910 mm (without cable)
Weight	575 kg
Cooling system	Air cooling fans
Noise level	<65 dB
AC meter	Compliant with EN 50470-1 and EN 50470-3 (MID European standards) or IEC 62052-11
Wireless Communication EMEA	Dual 4G LTE/WiFi Hotspot/ GPRS/GSM
Optional devices	
Wireless Communication LATAM/APAC	4G LTE/GPRS/GSM
Surge protection	Protection against permanent overvolatge IEC 61643-1 (class II)
Cable length	5.5 metres
Anti-vandal connector protection	CHAdeMO, CCS (mechanical connector locking)
RFID extension	Legic Advant / Legic Prime ISO 15693/ISO 18092. Sony FeliCa
Contactless payment	Built-in credit card payment terminal
Cable management	Assisted cable system
Energy metering	DC MID meter (LNE certification included)

Models

Models	CCS CCS	CCS CHA
Maximum output power	CCS: 240 kW CCS: 240 kW	CCS: 240 kW CHA: 100 kW
Voltage range	CCS: 150-920 V CCS: 150-920 V	CCS: 150-920 V CHA: 150-500 V
Maximum output current	CCS: 500 A CCS: 500 A	CCS: 500 A CHA: 200 A
Connection		

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Raption 400 HPC

The ideal solution for areas with high traffic density and EV charging hubs

This high-power charger (HPC) of up to 400 kW consists of a compact dispenser and an electrical cabinet. Designed to meet the needs of high-power charging, it is suitable for intensive use and offers great usability. Its highly reliable cooling technology allows it to deliver constant high amperage. Ideal in very dense traffic environments such as motorways, charging hubs and urban areas with high vehicle traffic. Its modular power architecture, high level of efficiency and master configuration allow it to keep operating costs to a minimum.

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Product highlights

Power
Up to 400 kW of power with a CCS plug, for charging up to 200 km in 5 minutes

Reliable
Its cooling technology allows it to deliver constant high amperage (500 A)

Efficient
Architecture with 25 kW high-efficiency power modules to improve up-time and reduce operating costs

Scalable
Master configuration for multi-charge systems

User-friendly
The 8-inch touchscreen, along with its extremely intuitive interface and other user-focused features such as courtesy lights and contactless payment, provides an enhanced user experience

Robust
Its enclosure is made of stainless steel with high durability and easy access through the anti-vandal door at the front

Raption 400 HPC

General Specifications

Compliance	CE / Combo-2 (DIN 70121; ISO 15118) IEC 61851-1; IEC 61851-23; IEC 61851-21-2
Enclosure rating	IP54 / IK10
Enclosure material	Stainless steel
Operating temperature	-30 °C to + 50 °C
Storage temperature	- 40 °C to + 60 °C
Operating humidity	5% to 95% Non-condensing
Dispenser	
Network connection	Ethernet 10/100BaseTX
Interface protocol	OCPP 1.6J / 2.0 HW Ready
RFID reader	ISO / IEC14443-1/2/3 MIFARE Classic
Display HMI	8" anti-vandal colour touchscreen
Power limit control	By software
Cable length	5 metres
Light beacon	RGB colour indicator
Dimensions (D x W x H)	527 x 675 x 2122 mm (without cable engaged)
Weight	190 kg
Cooling system	Forced ventilation
Cable cooling system	Liquid-cooled
Operational noise level	<55 dB
AC meter	Compliant with EN 50470-1 and EN 50470-3 (MID European standards) and IEC 62052-11
Wireless comunication EMEA	4G LTE /WiFi Hotspot/GPRS/GSM

Power Unit	
AC power supply	3P + PE
AC voltage	400 V AC +/- 10%
Maximum AC input current	640 A
Required power supply capacity	434 kVA
Power factor	>0.98
Efficiency	95% at nominal power
Frequency	50 / 60 Hz
Cooling system	Forced ventilation
Noise level	<70 dB
Electrical input protection	Load Break Switching (LBS)
Dimensions (D x W x H)	850 x 605 x 2302 mm
Weight	350 kg
Optional devices	
Anti-vandal connector protection	Mechanical connector locking
RFID Extension	Legic Advant / Legic Prime ISO 15693/ISO 18092. Sony FeliCa
Contactless payment	Built-in credit card payment terminal
Wireless Communication LATAM/APAC	4G LTE/GPRS/GSM

Models

Models	CCS2
Maximum output power	400 kW
Voltage range	150-920 V
Maximum output current	500 A (cooling cable)
Connection	

400 kW
500 A
COOLED

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After-sales support

circontrol

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After-sales support

An added value from CIRCONTROL's offer

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Recognizing the importance of service in the electric vehicle charging industry, we provide our customers with comprehensive support to ensure that their chargers are always up and running.

We have a team of qualified and experienced experts, ready to provide technical support

Our support starts at manufacturing and continues through installation, commissioning, and maintenance. We know that our chargers are essential for our customers to provide the best service to their clients. That's why we make sure our charging stations are always fully operational.

Spare Parts Kits

GoBox eNext Park

Kit designed with the necessary components to maintain up to 20 chargers. It is supplied in a transportable protection box.

Models	Series	Description	Socket type
SPQCENEXTPARK		Kit GoBox eNext Park	

GoBox eVolve Smart

Kit designed with the necessary components to maintain up to 20 chargers. It is supplied in a transportable protection box.

Models	Series	Description	Socket type
SPQCEVOLVESMART		Kit GoBox eVolve Smart	
SPQCEVOLVEMASTER		Kit GoBox eVolve Master	
SPQCEVOLVESATELLITE		it GoBox eVolve Satellite	

GoBox eVolve Rapid

Kit designed with the necessary components to maintain up to 20 chargers. It is supplied in a transportable protection box.

Models	Series	Description	Socket type
SPQCEVORAPNOSCR		Kit GoBox R150C CCS/CCS	
SPQCEVORAPSCR		Kit GoBox Raption 150C CCS CHA	

GoBox Compact 150

Kit designed with the necessary components to maintain up to 20 chargers. It is supplied in a transportable protection box.

Models	Series	Description	Socket type
SPQCR0150CCSSBOX	CCS	Kit GoBox R150C CCS/CCS	
SPQCR0150CDUOBOX	CCS/CHA	Kit GoBox Raption 150C CCS CHA	

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