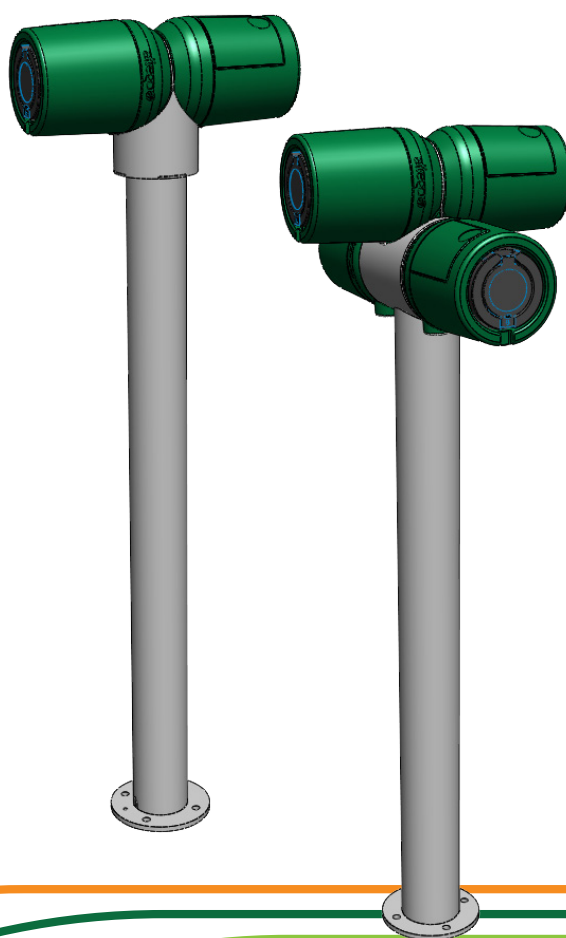


Product sheet

ChargingPlaza



allego 

ChargingPlaza

Charging at ChargingPlaza

Who is it for?

Our charging plazas are the ultimate charging solution for locations with limited electrical capacity, a large number of electric vehicles, and flexible use by EV drivers. You want to facilitate all of your employees, visitors, and guests optimally, but this gives rise to questions such as:

How many charging sockets do I need and can I increase that number later?

How much power do I have available and how many charging sockets can I install?

How can I do this as efficiently and inexpensively as possible?

More charging sockets. Lower costs

As the demand for electric charging grows, you will find yourself facing the high costs of increasing your capacity. Our charging plazas make smart use of the capacity you have available, helping you avoid the extra investments that would be required to upgrade your systems or grid connection. You can offer three times as many charging sockets for less money!

How smart charging works

EV drivers can charge at regular (22 kW) or fast speed (43 kW / 50 kW) just as they can at individual charging stations. Cars are charged in periods ranging from 20 minutes to 8 hours. The charging speed is dependent not only on the type of vehicle, but also on the following factors::

Simultaneousness:

Not all EV drivers need a full battery at the same time. The charging plaza allocates the capacity available to the charging sockets based on the demand at a given time, allowing EV drivers to charge their vehicles optimally.

This is referred to as 'load-balancing'.

Charging speed is adjusted automatically as soon as maximum capacity is reached.

Available capacity:

Based on a capacity of just 63 amperes, 6 vehicles can be charged at the same time. Electrical capacity of at least 125 amperes is required for fast charging at the charging plaza.

Allego's services

- Full installation and site set-up;
- Pro-active monitoring and 24/7 help desk;
- Settlement of charging sessions with third parties.

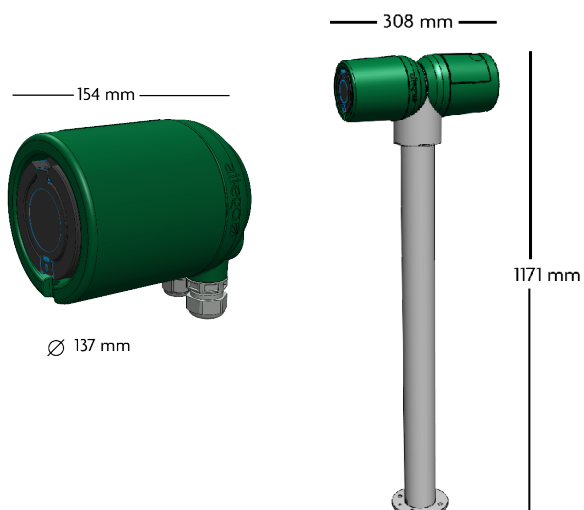
Technical specification

Equipment features and environmental factors		
	Charging cabinet	Charging socket
Assembly	Installation on a concrete foundation	Affixed to a pole or wall
Dimensions	Dependent on the number of charging sockets Min height 1600 mm Min depth 300 mm	1 & 2 sockets: Ø76,1 4 sockets: Ø88,9 H =1171 mm
Ambient temperature	-25°C – +40°C	
Degree of protection	IP54	-
Developed in accordance with	IEC-61851 – 1, IEC-61851 – 22 IEC-60529, IEC 61000 NEN-1010:2007+C1:2008 NEN-EN-IEC 60439-1 CE	IEC/EN 62196 -1 IEC-60529 IEC-61851 – 1, IEC-61851 – 22 CE 2B

Electrical features, charging mode		
Electricity usage	400 V 3 -phase	-
Usage metering	MID approved, suitable for settlement	-
Load-balancing	Dynamic between the charging sockets	-
Charging capacity	22kW, 32 A	22 kW
Optional output	43 kW, 63 A AC 50 kW, 80 A DC	43 kW

Communication and operation		
Authorisation	-	RFID or distance-activation (e.g. with App)
Communication protocol	-	OCPP 1.2 and 1.5 via GSM or Ethernet

Options		
Colour	RAL 9016 (white)	Pantone 349C (green)



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