

Advantages at a glance

Charging infrastructure from a single source

High-quality hardware and software developed in-house with the "Engineered in Germany" seal.

Competent consulting

We support you from the planning process through installation to commissioning.

Always up to date

Take part in online or face-to-face training courses about new products and functions.

Scalable & compact

Electrification of up to 100 or more parking spaces without network expansion possible.

Support from chargeBIG

With our comprehensive maintenance services we guarantee an optimal charging experience.

Sustainable technology

Thanks to our centralized and modular approach our products impress with their low consumption of resources.

Become a chargeBIG partner!

Register in our partner portal and get access to technical information on our products, the latest news and training documents.



Scan the QR code and register with your company data.



Visit us online:

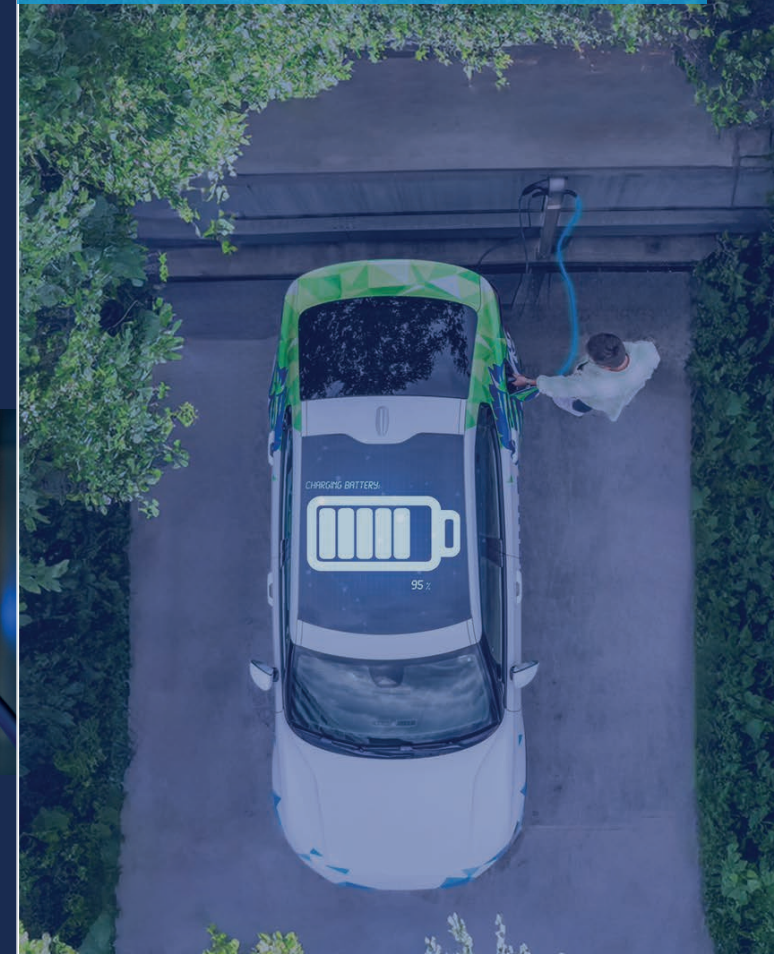
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chargeBIG
powered by MAHLE

smallBOX System

Centralized charging infrastructure



For our partners
Planning offices

Engineered in Germany



smallBOX ECO

Charging power

Single-phase: up to 7.4 kW

smallBOX PRO

Charging power

Three-phase: up to 22 kW

Technical data:

Load management

Dynamic load management

Interfaces

Modbus TCP, OCPP 1.6J

Conformity with calibration law

Yes

Sub-distribution

Integrated

- Configurable charging power
- Attached type 2 charging cable (3.5 m / 5 m / 7.5 m)
- Integrated RCD & DC residual current sensor
- Integration into the fire alarm system
- Communication via LTE & LAN
- Integration into the building management system

Slim in the parking lot, smart in the utility room

- The chargeCLUSTER sub-distribution (size: S, M or L) is delivered pre-installed and can be integrated into the existing power grid immediately.
- Dynamic and phase-individual load management enables grid-friendly and intelligent distribution of the available total power.

How the smallBOX charging system works



chargeCLUSTER

Centralized and intelligent sub-distribution



up to 2
Charging points

up to 6
Charging points

up to 36
Charging points

Mounting variants



Stainless
steel column



Wall mount



Double T-beam
Mounting kit

Custom solutions



Elevated
Cable duct



Cable reel

Intelligent electrification

When electrifying large parking areas, it is important to take the available grid capacity into account. Not only is dynamic load management essential, but also the right choice of charging capacity.

In the following example, we show a smart electrification concept for parking spaces for companies:

6 visitor parking spaces

smallBOX PRO + chargeCLUSTER M	Charging power	22 kW
Ø Parking duration 1 - 2 Std.	Ø Load quantity/vehicle	11 - 44 kWh



12 fleet parking spaces

smallBOX PRO + chargeCLUSTER M	Charging power	22 kW
Ø Parking duration 3 - 4 Std.	Ø Load quantity/vehicle	33 - 88 kWh



24 employee parking spaces

smallBOX ECO + chargeCLUSTER L	Charging power	7.4 kW
Ø Parking duration 7.5 Std.	Ø Load quantity/vehicle	50 kWh



The stated values are based on evaluations from over 200,000 charging processes with chargeBIG charging infrastructure.