

2 - 4 charging points



4 - 8 charging points



6 - 10 charging points



>20 charging points



smallBOX PORTABLE

Ideal for fairs, events and construction sites

Up to 4

charging points
Dimensions (W x H x D)
715 x 1300 x 390 mm

- Configurable charging power
- 4 x attached Type 2 charging cables, 5 m.
- Integrated RCD & DC fault current sensor
- Crane-liftable and rollable
- Ready for immediate use



Technical data of the smallBOX charging system:

Charging capacity	Three-phase, up to 22 kW
Load management	Dynamic load management
Interfaces	Modbus TCP, OCPP 1.6J
Compliance with calibration laws	Yes
Sub-distribution	Integrated
Activation	App, RFID, credit card (ad hoc), and eRoaming

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chargeBIG
powered by MAHLE

smallBOX instead of wallbox

Customized charging infrastructure



Planning

Implementation

Operation

Maintenance

simply smart charging

chargeBIG
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smallBOX ECO

Charging capacity
Single-phase up to 7.4 kW

smallBOX PRO

Charging capacity
Three-phase up to 22 kW

How the smallBOX ecosystem works



smallBOX

+



chargeCLUSTER
(Sub-distribution)

- Minimalist design in the parking lot
- Attached charging cable offers convenience and quick, calibration-compliant activation of the charging process
- Bundling of electronic components in the central charging distribution for simple and cost-efficient installation and maintenance
- Flexibly expandable thanks to the modular smallBOX approach

Mounting variants



Stainless steel column



Wall mount

Customized solutions



Upright
Cable duct



Cable reel

Intelligent electrification

The advantages of a modular and centralized charging infrastructure

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. The following example displays a smart electrification concept for company parking spaces:

6 visitor parking spaces

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



12 fleet parking spaces

smallBOX PRO + chargeCLUSTER M	Charging power	22 kW
Ø Parking duration 3 - 4 hrs.	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 hrs.	Ø Load quantity/vehicle	50 kWh



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

Companies



Cities & Municipalities



Housing industry



Workshops & Car Dealerships



Hotels

