Wallbox Goethe BASIC Charge 1X - 11kW/16A with type 2 socket | Flush-mounted or recessed variant 100 mm | Key switch (incl. 2 keys)



Product number 90050-GC1-SD-UP100-SS

Product description

Wallbox Goethe BASIC Charge 1X - 11kW/16A with type 2 socket

The high-quality Goethe wallbox with type 2 socket is ideal for areas with high demands on design, functionality and safety. As a multiple solution for demanding car park environments or as a single solution for the home. The simple design blends in harmoniously. The Wallbox Goethe is equipped with RFID or key switch, so access is only possible with an RFID chip / KeyFob or key.

Long durability and easy maintenance are guaranteed by the selected materials. Thanks to its no-frills design and functional construction, the wallbox is easy to clean and maintain. BMLsystems also attaches great importance to the highest quality when selecting the right material. Stainless steel and aluminium meet all requirements in an outstanding manner and are extremely corrosion-resistant and durable. Optional labelling with our high-quality laser engraving is possible, so that car park numbers, names or pictograms can be lasered on.

Simple installation by a specialised electrical company

The Wallbox Goethe is pre-installed ready for connection. All your electrician has to do is wire the supply cable and add the sub-distribution board and you can start charging straight away. Thanks to its solid construction, the wallbox is ideally protected against vandalism and, should something be destroyed, you can simply replace the defective components. The modular design means that all components, from the panel to the charging unit, can be replaced at any time.

The charging system - BASIC Charge 1X

With a flexible charging capacity of up to 11kW/16A 3-phase, the BC1X is compatible with all type 2 electric cars. The BC1X is authorised in this wallbox using an RFID chip / KeyFob or key switch.

Features

- Quality production - Made in Germany - BMLsystems.
- Optionally with RFID, so access is only possible with an RFID chip / KeyFob. Charging takes place after activation by chip card/KeyFob or with key switch: holiday configuration, so when switched on the key can be removed and always be charged.
- Status display via LED indicator light.
- Integrated BC1X charging system for fast charging with up to 11 kW (up to 5 times faster than at a normal household socket).
- Individually parameterisable up to 11kW.
- High-quality AC charging system - Made in Germany - Phoenix Contact (CHARX) integrated.
- Includes printed installation instructions, operating instructions and declaration of conformity.
- High degree of protection and therefore usable in any weather situation (protection class IP54).
- Integrated AC/DC residual current detection.

Flush-mounted dimensions/details

- Flush-mounted box dimensions: H 450 mm x W 450 mm x D 100 mm.
- Flush-mounted box installation dimensions: H 403 mm x W 403 mm x D 98.5 mm.
- Plaster cover frame made of 1.5 mm stainless steel angle profile 25 x 58 mm, powder-coated in RAL colour.
- Weight: Flush-mounted approx. 18 kg.

Dimensions/details surface-mounted

- Surface-mounted box dimensions: H 408 mm x W 408 mm x D 100 mm + 25 mm rain cover.
- Optimum rain protection thanks to rain run-off edges and a rain roof made of 3 mm aluminium AlMg3 W19, powder-coated in RAL of your choice.
- Side cladding made of 3mm aluminium AlMg3 W19, powder-coated in RAL of your choice.
- Incl. mounting rail for wall mounting.
- Weight: Surface-mounted approx. 22 kg.

Important information

Please note that professional installation by an electrician is required to use the wallbox included.

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Product properties

Protective device	AC/DC-Fehlerstrom 30mA/6mA, RCD type B
Surface/colour	RAL 9005 deep black, RAL 3004 crimson red, DB 703 iron mica, RAL 7016 anthracite grey, RAL of your choice (according to colour table), RAL 9007 grey aluminium, RAL 9016 traffic white
Series	GOETHE
Access control	Key switch
Display (operating status / error display)	LED
Energy meter	w/o
Internet connection	LAN
Charging connection	Type 2 socket
Load switch	Installation contactor, 4-pin, 25 A
Integrated functions	Monitoring, Load management
Nominal frequency	50 / 60 Hz
Operating mode	Client, Server, Stand-Alone
Material	Stainless steel V2A 1.4301, Stainless steel 1.4016 (non-rusting magnetic stainless steel)
Overvoltage category	III
Protocols	HTTPS, HTTP, OCPP 1.6J, Modbus TCP, MQTT
Storage ambient temperature	-35 °C bis +70 °C
Phases	3
Charging mode	Mode 3
Protection type	IP54
Operating ambient temperature	-25 °C bis +40 °C
Interfaces	Ethernet, RS-485 (energy meter, RFID reader), USB-C
Nominal voltage	220 ... 240 V / 380 ... 415 V
Max. charging power	11kW
Charge controller	AC charging control CHARX by Phoenix Contact
Protection class	I
Nominal current	16A
Mounting type	Flush-mounted
Charging standard	IEC 61851-1

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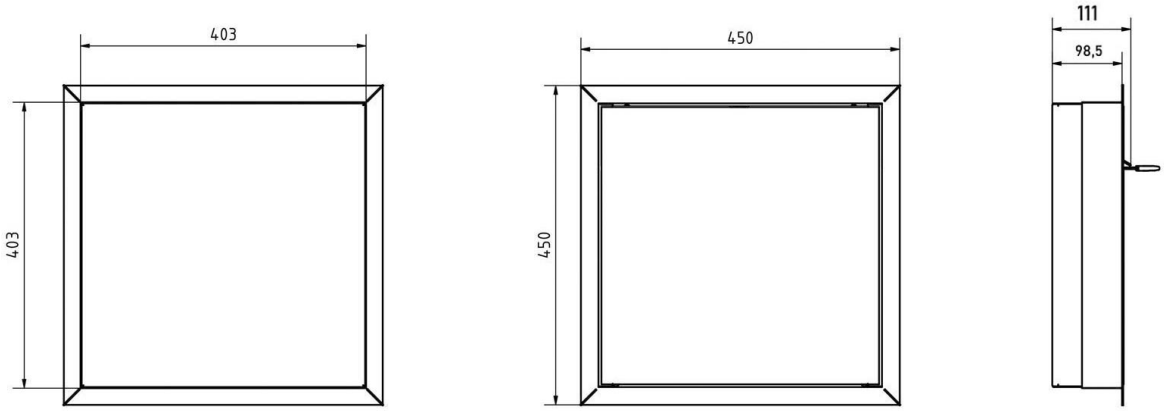
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Dimensions

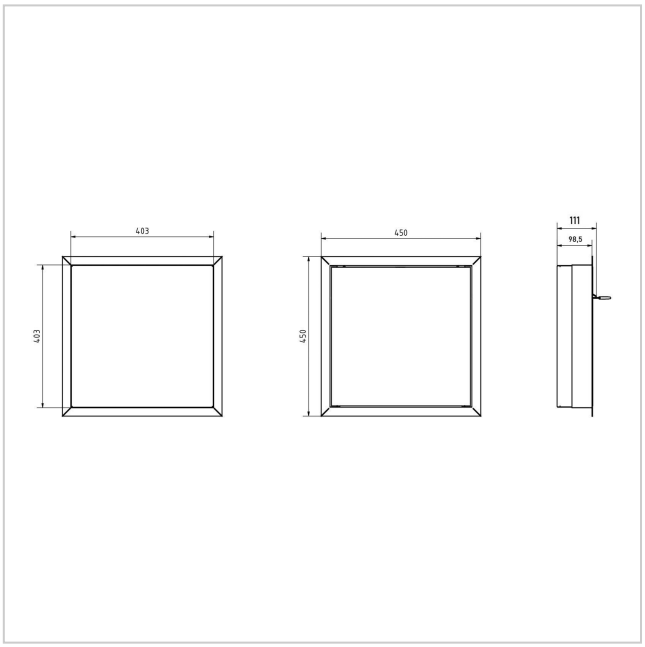
Height of letterbox in mm	Außenmaß 450,0 | Einbaumaß 420,0
Width of letterbox system in mm	Außenmaß 450,0 | Einbaumaß 420,0
Overall height in mm	recommended 1300.0 - 1600.0
Total width in mm	450,0
Depth in mm	100,0
Weight in kg	22
Delivery condition	Supplied fully assembled

Dimension drawing



More images





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