

Charging pole Plug BASIC Charge 1X - 22kW/32A with 1x type 2 socket | Front panel stainless steel polished | Body colour of your choice | Left | Height 1300mm

Product number 90030-BC1X-1300-L-VARAL



Product description

Charging pole Plug BASIC Charge 1X - 22kW/32A with 1x type 2 socket

The high-quality Plug charging pole 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 Plug charging pole is equipped with a key switch incl. 2 keys with key number, so access is only possible when the key switch is switched on. The complete charging pole is made of stainless steel V2A 1.4301 and is ground with 240 grain or powder-coated in RAL colour.

Long durability and easy maintenance are guaranteed by the selected materials. The no-frills design and functional construction make the charging pole easy to care for, clean and maintain. BMLsystems also emphasises the highest quality when selecting the right material. The stainless steel material fulfils all conditions in an outstanding manner and has an extremely high corrosion resistance and an always striking surface finish.

Optional labelling with our high-quality laser engraving is possible, so that car park numbers, names or pictograms can be lasered on. Please feel free to ask us about this.

Simple installation by a specialised electrical company

The Plug charging pole is pre-installed ready for connection. All your electrician has to do is wire the supply line and add the sub-distribution board and you can start charging straight away. Thanks to its solid construction, the charging pole is ideally protected against vandalism and, should something be destroyed, you can simply replace the defective components. The Plug charging pole is very easy to access thanks to the inspection flap at the rear and is extremely simple to install and maintain. The modular design means that all components, from the cover to the charging unit, can be replaced at any time.

The charging system - BASIC Charge 1X

With a flexible charging capacity of up to 22kW/32A 3-phase, the BC1X is compatible with all type 2 electric cars. The BC1X is authorised in the Plug charging station using a key switch.

Features



- Charging pole for free-standing installation with front panel made of 2mm stainless steel V2A 1.4301.
- Front panel optionally available in 240 grain polished or RAL/DB colour of your choice.
- Quality production Made in Germany BMLsystems.
- With key switch: holiday configuration, so when switched on the key can be removed and always charged.
- · Status display with LED indicator light.
- Integrated BC1X charging system for fast charging with 22 kW (up to 10 times faster than a normal household socket).
- Charging time approx. 60 minutes (depending on battery capacity and charging power of the electric vehicle)*.
- 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.
- The fully welded charging pole is made of 2 mm stainless steel V2A 1.4301.
- Invisible cable feed through the body.
- · Rear inspection flap with ventilation openings.

*Based on the maximum output power, an average expected battery capacity of 20 kWh and a charger in the vehicle corresponding to the maximum output power.

Dimensions

- Stele dimensions: H 1300 mm x W 290 mm x D 182 mm.
- Base plate dimensions: H 10 mm x W 380 mm x D 272 mm.
- Weight: approx. 55 kg.

Important information

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



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), Brushed, RAL 9007 grey aluminium, RAL 9016 traffic white

Access control Key switch

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 Mounting type Free-standing

Operating modeClient, Server, Stand-AloneMaterialStainless steel V2A 1.4301

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, 22kW

Charge controller AC charging control CHARX by Phoenix Contact

Protection class I Nominal current 16A

Charging standard IEC 61851-1

Dimensions

Overall height in mm 1300,0

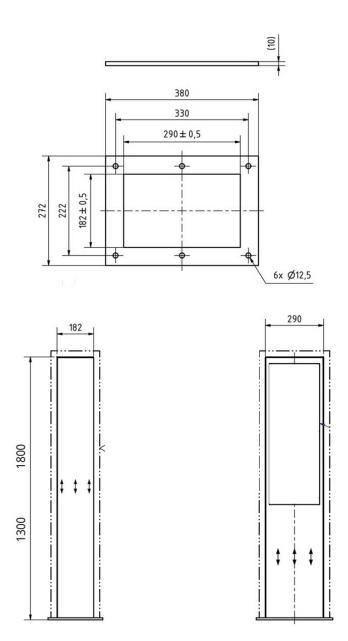
Total width in mm 290.0 (footplate 380.0) **Depth in mm** 182.0 (foot plate 272.0)

Weight in kg 55

Delivery condition Supplied fully assembled



Drawing





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