

BEGA



Charge wherever there is light

Intelligent charging units
for electric vehicles

Future-proof charging concepts

for public and commercial areas

The main challenge for future mobility is the comprehensive expansion of charging points for electric vehicles without impairing the cityscape or commercial and private areas with cumbersome charging stations.

The new BEGA charging units can be integrated into bollard tubes, light building elements, or in luminaire poles. Solo charging units for floor or wall mounting are also available.

Technical data

Protection class

IP 54

Material

Powder coated aluminium

Housings

BEGA Unidure®

Colour: graphite or silver



Maximum charging output 22 kW

For any electric vehicle with type 2 plug according to IEC 62196

Compliant with calibration regulations

Comprehensive

Our charging units utilise existing infrastructure to create a comprehensive network for electric vehicles.

Legally compliant

Our charging units are compliant with calibration regulations and are AFIR-ready (Alternative Fuels Infrastructure Regulation) for future-proof installations.

Compatible

Charge up, pay, get reimbursed: All our components are standard-compliant. We can provide you with contact details of one of our competent partners for commissioning and service to suit your requirements.

Sustainable

Exceptional durability and reliability: these technically and aesthetically enduring products benefit from our decades of experience.



Slimline and compact

Charging unit for permanent wall or ground installation

This slimline and compact charging pillar is a standalone solution. Due to its design, it can be installed on narrow structural elements like steel girders, posts or in recesses. Alternatively, the charging unit can be installed on the ground inside a tube.



85079

Charging unit for installation on the ground
W 265 mm · H 1150 mm



85050

Charging unit for wall mounting
W 160 mm · H 940 mm · D 200 mm



Leading the way

Charging unit integrated in system bollard or system light building element

A practical duo: Integrated in a system bollard or a system light building element, the charging unit offers an efficient combination of charging function and illumination.

System bollards can be deployed with different heads for various light distributions.

In parking bays or on parking lots, a charging option can therefore be added to the illumination function.

In the case of system light building elements, there can be two charging points on just one interface.



85029
Bollard tube
with integrated charging unit
Ø 265 mm · H 1150 mm



System light building element tube
with integrated charging unit

Single Ø 170 mm · H 3900 mm
85 044 with anchorage section
85 027 with base plate

Single Ø 220 mm · H 4300 mm
85 045 with anchorage section
85 028 with base plate

Double Ø 220 mm · H 4300 mm
85 073 with anchorage section
85 072 with base plate





Intelligently integrated or added

Charging unit for luminaire poles according to DIN EN 40

The slim design of the BEGA charging units allows their integration in BEGA luminaire poles according to DIN EN 40 as well as their addition to existing poles. Form and function are elegantly interlinked. Instead of installing additional charging pillars, existing or otherwise necessary infrastructure can be used, which minimises installation cost.

Luminaire pole with integrated charging unit

Pole top Ø 76 mm · H 5000 mm

85 047 with anchorage section

85 046 with base plate

85 097

Charging unit for later addition

to existing cylindrical or conical poles

Max. pole Ø 140 mm · Charging unit H 1420 mm



Pricelessly simple

Payment terminal for up to 8 charging units

The BEGA payment terminal accepts all common contactless payment methods, including credit cards, debit cards and smartphones (via NFC) – without registration or additional costs.

The payment function can be provided for up to eight charging units.

In installations that do not require payment directly at the terminal, operators can also manage the use of the charging pillars via software.



71308

Payment terminal **for wall mounting**

W 370 mm · H 600 mm · D 175 mm

71309*

Payment terminal **for ground installation**

W 370 mm · H 1500 mm · D 175 mm

* The matching anchorage unit is an optional accessory and must be ordered separately.

Commissioning and management

Our service offering for your system



Our complete range

Hardware sourced from BEGA –
commissioning and service by a partner
recommended by us (also for a pre-existing
backend)



Hardware provision only

Hardware sourced from BEGA –
commissioning and backend integration
remains client responsibility.

Contact us – we will help you create the
perfect solution to suit your requirements!

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