

Electrical vehicle charging units

ABB AB, Cewe-Control is now introducing the new
Electrical vehicle charging units



ABB has a long tradition in producing safe high quality electrical products. Our wide range of products includes aluminum enclosed outlet units for car-heaters, boat marinas and camping sites. Based on 50 years of design and production experience we have developed the electrical vehicle charging units using the same reliable components.

From the winter landscape in the northern part of the Scandinavian countries to the warm deserts of the United Arab Emirates, the aluminum enclosed products have proven to withstand extreme environmental conditions. They have demonstrated to be reliable and safe in public installations.

The clean and modern design blends into streets and parking places, making the transition to electrical vehicles smoothly, without disturbing the view of the urban landscape.

Quality & Reliability

The charging units are designed in accordance with the demands of the electrical charging infrastructure:

Easy installation

- Installer friendly
- Easy to mount

Personal safety

- High protection against electrical shock
- Well known components

Robust design

- High quality materials.

Expandable functionality

- Easy to upgrade for more functionality

General technical data

Standards: EN 60 439-1, -3

Voltage: 230/400V 50Hz

Connection: 5 x 25 mm² Cu (in and out)

Height: 1.4 meter

Weight: 21 kg

Protection class: IP44

Functionality

Outlets: Schuko with children protected shutter*

Protection: Each outlet is protected with a 30mA RCD

Mechanical lock: A standard lock with common key and locking, possible to replace with separate lock

Electricity meter: IEC/MID approved meter with pulse output

Power On/Off: 12V control signal needed

*) Other outlet types available on request

Material

Die cast painted aluminum top cover

Sides and hatch of anodized aluminum sections

Hatch opening with sealing of EPDM rubber

Galvanized steel foundation plate

Stainless steel enclosure and terminal screws (Torx T25)

Installation

The connecting block has individual terminals for connecting and branch-off using reliable big 25mm² Cu terminals.

Foundation is to be mounted on a 60mm steel pipe, recommended length 370 mm.

Expandable functionality

Components for communication / control can be mounted on DIN rail or directly in the pole. It's possible to have up to 35 din rail modules.

Charging units

The charging units are delivered as complete units with mechanical lock.

Type	Order code	Outlets Schuko	Electricity meters	Other features	Weight kg
CWL 10	2CMA177751R1000	2	-	-	21
CWL 11	2CMA177752R1000	2	2 x OD1365	-	21
CWL 12	2CMA177753R1000	2	-	Power on/off control	21



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