

Product specification

SheffieldCharge



Mobiliteitsoplossingen - Mobility Solutions - Mobilitätslösungen - Solutions de Mobilité

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Op al onze offertes, op alle opdrachten aan ons en op alle met ons gesloten overeenkomsten zijn de Metaalunie-voorwaarden van toepassing, gedeponereerd ter Griffie van de Rechtbank te Rotterdam, volgens de laatste aldaar neergelegde tekst. Deze leveringsvoorwaarden worden u op verzoek toegezonden.

SheffieldCharge

- 2 stable bike parking spots, with integrated charging points, for nearly every type of bicycle
- Stainless steel frame (SS304)
- Dimensions (DxWxH): 1,000x60x800mm
- Powder coating (RAL6018)
- Weight: 9.6kg
- 2x230V sockets (incl. male connector IP66)
- Power Cable 1,5mm²
- Simple electrical connection via plug-and-play connectors (IP66)
- Floor mounting using bottom plates (4 bolts per bottom plate/side)
- *Optional*: high-quality cable trays and/or stainless steel mounting strips for floor mounting



Current

A common charger for a bicycle battery consumes 350W (appr. 1,5A). If both (2) charging points are used at full power at the same time a maximum power of 700W per **SheffieldCharge** is required. It is recommended to connect a maximum of 4x **SheffieldCharge** (= 8 charging points) to a separate power supply (230V/16A) with a maximum cable length of 20m (NEN-1010)¹.

Note: important that the power supply group is fused at 16A!!!

¹) Based on an average amperage per bicycle battery of 1.5 to 2A. If the average amperage per bicycle battery is higher, the number of charging points connected to the power supply group must be reduced accordingly. The maximum cable length (1.5mm²) per power supply group is 20 meters (NEN-1010). This cable length is based on the total cable length in product frame, the interconnection of the individual modules (max. 4 modules with 2 charging points) and the end cable with plug (10m).

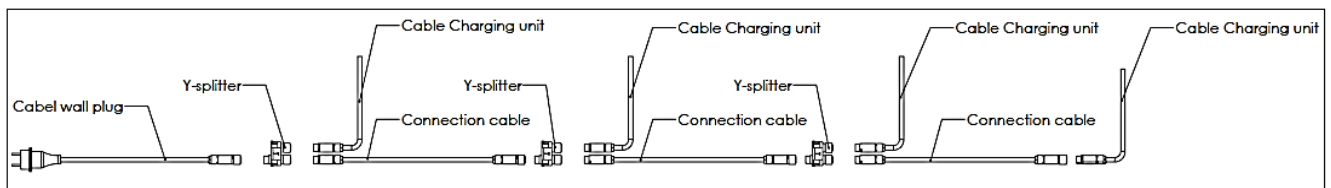
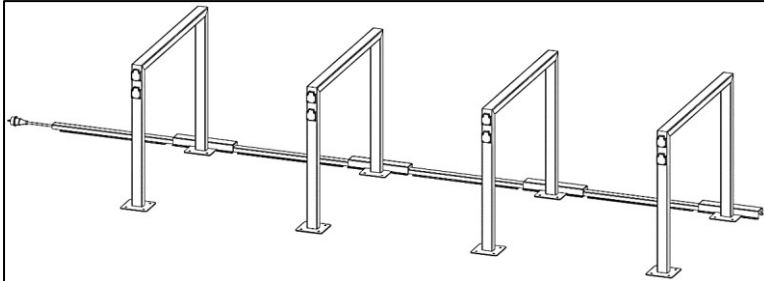
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Electrical connection

Several units are connected to each other by means of the waterproof connectors (IP66).

Example: electrical connection of 4 modules (= 8 charging points)



Electrical components (separately to order)

The individual components to electrically connect the individual **SheffieldCharge** are:

- Female connector with 230V/16A-plug (incl. 10m cable 1,5mm²)
- Female/male connector with y-coupling (incl. 1m cable 1,5mm²)



Y-coupling



Electrical connection



Connection

Cable covering (separately to order)

- Stainless steel cable tray
- Stainless steel T-coupling (= for cable finishing from **SheffieldCharge** to central cable tray)

Guarantee

- 6 months manufacturer's warranty (from delivery date)

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