



invisibly present

# SP1 BASIC



## TECHNICAL SPECIFICATIONS

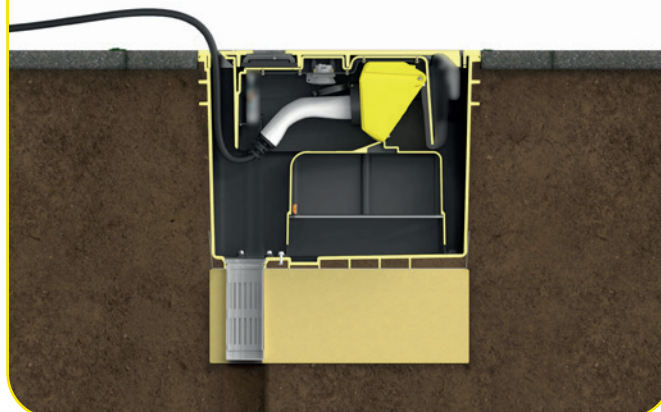
### THE UNDERGROUND CHARGING STATION FOR ELECTRIC VEHICLES

The StreetPlug is a flexible charging solution suitable for every location with an eye to keeping the original appearance of the street. An intelligent technology with a smart design. The StreetPlug makes it possible to recharge without worry at home or on the road, with a few important benefits.

### PROPERTIES

<b>Payload</b>	The StreetPlug has a payload of 3.7kW, 7.4kW, 11kW and 22kW.
<b>Plug system</b>	The plug system consisting of a Type 2 (Mennekes) outlet makes charging possible.
<b>Water management system</b>	The water sensor detects water at a certain level, stops the charging process and goes into safe mode for as long as water is detected. The StreetPlug can easily be connected to the rainwater drainage for correct drainage. If this is not possible and the circumstances allow it, there is an alternative, the Hydroblock. The Hydroblock under the StreetPlug ensures a rapid drainage and releases the water to the ground. In addition, the diving bell principle ensures that the electrical components (when in a closed state) are in a bubble and thus remain dry.
<b>Locking system</b>	A robust electric semi-automatic locking system ensures safe closure of the StreetPlug.
<b>Cable input</b>	In the StreetPlug there is a wide cable input. This makes it easy to close the StreetPlug to start the charging process.
<b>LED indication</b>	The LED indication on the lid clearly indicates with three colours whether the StreetPlug is available, in use or in malfunction. Listed on the lid is the RFID indication, the ID number and the service phone number.
<b>Personalisation</b>	The lid is made of stainless steel 316. The StreetPlug can be personalised in several ways with a logo or a name on the lid.
<b>Operation</b>	Operation is only possible via a remote control (homelink).

### SMART DESIGN



### COMPONENTS

- Mennekes type 2
- Electronic locking system
- E-compartment
- Water sensor
- Coarse and fine dirt filter
- Hydroblock

### TECHNICAL SPECIFICATIONS

<b>Socket</b>	1x Type 2
<b>Payload</b>	3.7kW (230V, 16A) / 7.4kW (230V, 32A) 11kW (400V, 16A) / 22kW (400V, 32A)
<b>Load mode</b>	Mode 3
<b>Cable diameter</b>	5x6mm <sup>2</sup>
<b>Max. connection voltage</b>	400V
<b>Max. connection flow</b>	32A
<b>Max. connection power</b>	22kW
<b>Grounding</b>	TN system
<b>Ambient temperature</b>	-20°C to +40°C
<b>Status information</b>	Via LED indication on the lid
<b>Authorization / Accessibility</b>	Remote control (homelink)
<b>CE certificate</b>	Yes

### PHYSICAL SPECIFICATIONS

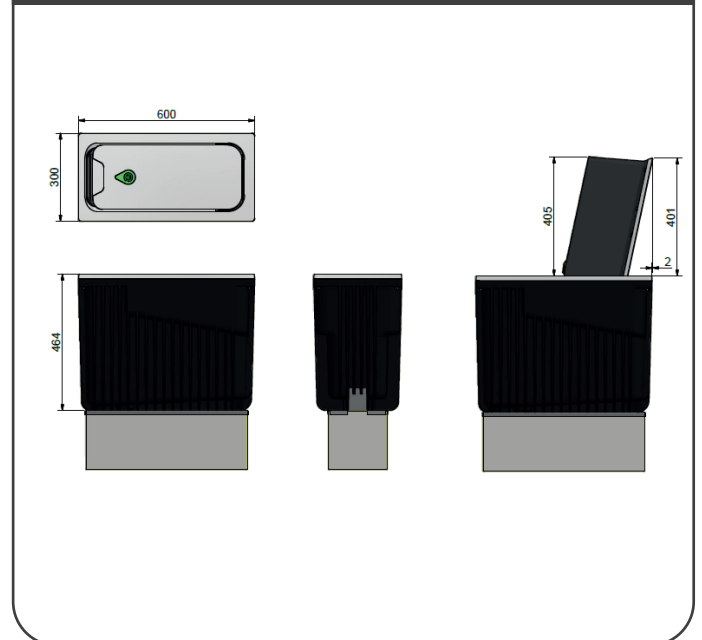
<b>Dimensions</b>	Main size (lxwxh): 600 x 300 x 464 mm (excl. Hydroblock) Hydroblock BD112 (lxwxh): 1 200 x 300 x 300 mm
<b>Weight</b>	40.70 kg excl. Hydroblock 44.10 kg incl. Hydroblock
<b>Degree of protection</b>	IP65
<b>Housing materials</b>	HDPE plastics parts, stainless steel lid (AISI 316)
<b>Pressure load</b>	12,500 kg max. load, according to NEN-EN 124 Class B125
<b>Automatic</b>	Automatic opening with electric locking system, manual closing (charging process starts when the StreetPlug is closed)
<b>Installation</b>	Subterranean, only lid visible

### STANDARDS

When properly installed, the StreetPlug complies with the following requirements and standards:

Standard sheet	Description
<b>NEN-EN-IEC 62196-1:2014</b>	Sockets, socket boxes, vehicle sockets and vehicle socket boxes
<b>NEN-EN-IEC 61851-1_2019</b>	Charging via a conductive connection of electric vehicles
<b>LVD 2015/35/EU</b>	Low voltage directive
<b>EMC richtlijn EMC 2014/30/EU</b>	Electromagnetic compatibility
<b>Deel 1A</b>	Integrated grid connection specifications
<b>NEN1010:2015</b>	Low voltage electrical installations
<b>NEN-EN 124:2015 Klasse B 125</b>	Resistant to a load of 12,500 kg
<b>IP65</b>	Density Class
<b>NEN-EN 50102:1995, IK08</b>	Classification of casings

### DIMENSIONS



The underground charging station for electric vehicles

