StreetPlug

SP2 SMART

TECHNICAL SPECIFICATIONS

SMART EV CHARGING SOLUTIONS

The StreetPlug SP2 SMART is a real eye-catcher - a high-quality stainless steel charging station that has a lightweight and subtle appearance thanks to its design.

This SMART version is our smart model, it can be operated in several ways and is connected to a management system with 24/7 service. A compact stainless steel charging station with 1 or 2 connections: the SP2.1 model with 1 socket and the SP2.2 model with 2 sockets for use in combination with a Type 2 plug.

PROPERTIES	
Charging capacity per socket	The StreetPlug SP2 has a charging capacity of 3.7kW, 7.4kW, 11kW or 22kW per socket.
Plug system	The plug system is available in one or two Type 2 (Mennekes) sockets.
LED indication	The LED indication lamp above the socket clearly indicates with three colors whether the StreetPlug SP2 is available, in use or in malfunction. At the top of the StreetPlug SP2 is the LED water droplet with underneath the RFID indication, the ID number and the service telephone number.
Personalisation	The housing of the StreetPlug SP2 is made of stainless steel 316 with a glass-blasted finish. The charging station can be personalised in various ways with a logo or name.
Operation	The StreetPlug SP2 can be operated with the RFID charge card or the StreetPlug App (mobile app), it is equipped with an EV Cloud BackOffice with 24/7 helpdesk support.

SLEEK DESIGN

COMPONENTS

Top:

LED droplet

RFID indication

ID number

Tel no. 24/7 service

Sides:

LED indication light

Type 2 socket

TECHNICAL SPECIFICATIONS

Sockets	1x Type 2 or 2x Type 2
Charging capacity per socket	3,7kW (230V, 16A) 7,4kW (230V, 32A) 11kW (400V, 16A), 22kW (400V, 32A)
Charging mode	Mode 3
Cable diameter	5x6mm2
Max. connection voltage	400V
Max. connection current	32A
Max. Connection load	22kW
Earthing	Inside pole
kWh-meter	MID approves, suitable for billing
Ambient temperature	-20°C to +40°C
Status information	LED light near socket
Communication	GPRS, GSM 3G
Communication protocol	OCPP 1.6
Authorisation / accessibility	With RFID-charge card or StreetPlug App (mobile app)
CE certificate	Yes

STANDARDS

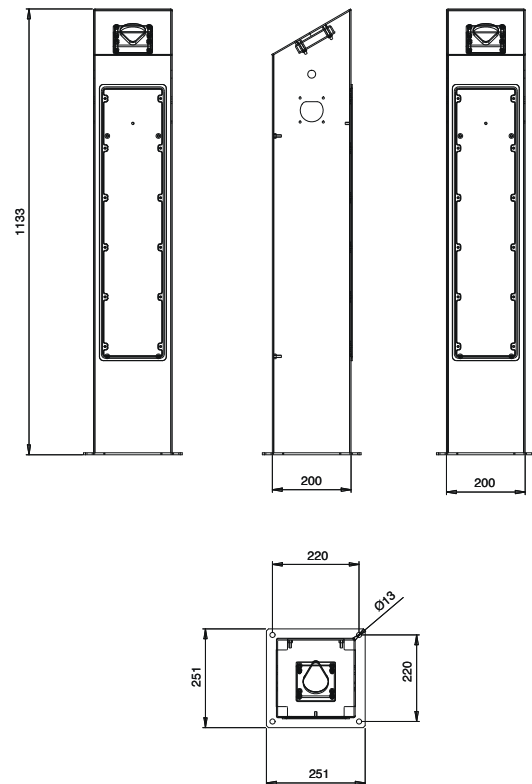When correctly installed the StreetPlug SP2 SMART meets the following regulations and standards:

Standard Sheet	Description
NEN-EN-IEC 62196-1: 2014	Plugs, sockets, vehicle plugs and vehicle sockets
NEN-EN-IEC 61851-1: 2019	Charging via a conductive connection of electric vehicles
LVD 2014/35/EU	Low voltage directive
EMC 2014/30/EU	Electromagnetic Compatibility
Deel 1A	Specifications integrated mains connection
NEN 1010: 2015	Electrical installations for low voltage
IP54	Enclosure class
NEN-EN 50102: 1995, IK08	Classification of casings

PHYSICAL SPECIFICATIONS

Measurements	200 x 200 x 1133 mm (lxwxh)
Weight	31,5 kg
Protection grade	IP54
Housing materials	Stainless steel case (AISI 316), glass-blasted finish

MEASUREMENTS

Smart EV Charging Solutions