

CHARGE SPOT „BERLIN“

Datasheet:



Charge Spot

Charge plug / socket:	Type 2 European socket, Type 1 US cable possible
Locking:	Optional, for example integrated shutterbox with Type 2 socket
Power rating:	up to 22 kW
Standard compliance:	ISO/IEC 62196, ISO/IEC61851-1 & -22, ISO/IEC15118 ready (Plug'n'Charge), energy management-capable

Communication

GSM:	2G (GSM, GPRS, EDGE) & 3G (UMTS, LTE)
Encryption:	TLS
Protocol:	OCPP 1.5 / 1.6 (with binary option, roaming capable)
Functionality:	Authorization, remote-start, configuration, maintenance, monitoring

User Interface

Status Display:	LED array (green, yellow, blue), LCD Display optional
Authorization/	RFID (Mifare Classic, Desfire EV 2 and other 13.56MHz RFID standards),
Access control:	via App (iPhone, Android) or text message depending on backend

Metering

Integrated meter:	eHZ-EDL 21/40, other smart meters are optional
Meter display:	Visible from the outside
Remote meter access:	Remote meter reading via SML, S0 and Modbus. Meter status visible in Backend

Safety

RCD:	Type A, Controller (CC612) integrated DC 6mA sensing system for Type B RCD
Compliance fuse:	Depending on connection 10-32A, single or three-phase
Housing lock:	Optional

Mounting

Housing:	Stainless steel / Aluminium powdered, various colors
Dimensions (LxWxH):	180 x 180 x 1040 mm plus adaptor plate
Mounting:	ceiling, pole (stand alone option), wall and lamp post (mounted using 3 holes) mounting options
Power inlet:	Attached cable: from H07RN-F 3 x 2,5mm ² to H07RN-F5G6, depending on power rating

Inputs / outputs and operation

USB1:	USB devices (Ethernet, WLAN, ...)
SIM card:	micro SIM

Features (optional)

Communication:	Master for Master/Slave communication with up to 250 Slaves* (USB, Ethernet, WLAN, RS485)
Load management:	Customer specific & dynamic distribution of power resources
Energy management:	Yes
Automatic release:	Automatic charge release in the case of a power blackout
Grid connection:	Directly connectable to the grid
Configuration & Firmware:	via USB

* from 07/2017