

Smart 22

Charging Station for Electric Vehicles



MENNEKES charging station for use in public areas.

- According to Mode 3 (IEC 61851)
- Charging socket type 2
- Charging up to 22kW
- Enclosure made of sheet steel, galvanised, primed and powder-coated

Note: This data sheet is valid for the following product range:
319610, 1319610SW, 1319610SI, 1319610GE

MENNEKES
Elektrotechnik GmbH & Co. KG
Spezialfabrik für Steckvorrichtungen
Aloys-Mennekes-Str. 1
D-57399 Kirchhundem

Tel. +49 (0) 27 23 / 41-1
Fax +49 (0) 27 23 / 41-2 14
E-Mail info@MENNEKES.de
Internet www.MENNEKES.de

Service by
MENNEKES®.
Always well
informed.

Technical changes reserved

Art.-Nr. **319610**

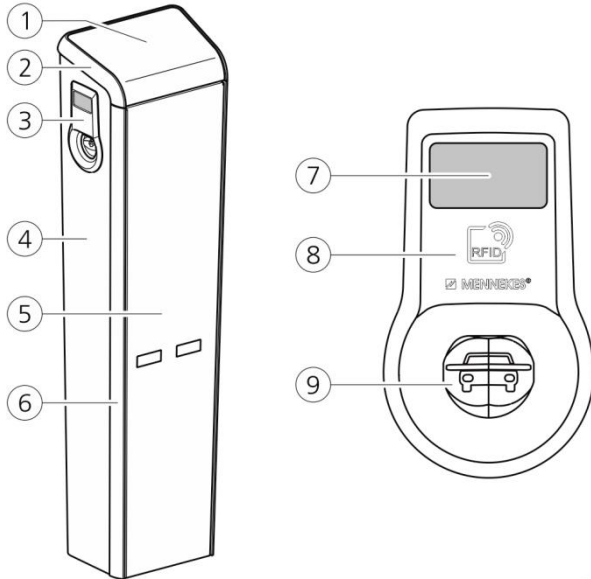
Features

- MENNEKES charging station for use in public areas for recharging electric vehicles according to IEC 61851
- Completely wired - ready for grid connection
- Auto-switch function for automatic switching between 20 A and 32 A charging cables
- Status information by text display
- Backend connection via integrated GPRS modem per Open-Charge-Point-Protocol (OCPP)
- Terminals for the purpose of connecting additional charging systems via RS485 bus
- Heated charging socket (below approx. 3° C)
- One hand operation
- Integrated MCB's and RCD's
- Cable release in case of grid failure
- Charging column with temperature controlled ventilation system
- Enclosure made of sheet steel, galvanised, primed and powder-coated

Technical Data

Type	Smart 22
Part number	319610
Nominal voltage	400 V AC \pm 10%
Nominal frequency	50Hz
Nominal current	32A
Maximum backup fuse	80A
Charging power Mode 3	22kW
Max. charging current	32A / 3 ph
Supply line	5 x 2 x 50 mm ² , rigid 0,75 – 35 mm ² , flexibel 0,75 – 50 mm ² , tightening torque: 3,2 – 3,7 Nm
RS485 bus	2x2 terminal points and 2 shield contacts for shielded twisted-pair cables. rigid 0,08 - 6 mm ² , flexibel 0,08 - 4 mm ² .
Protection class	IP 44
Dimensions (H x W x D)	1380 x 350 x 250 mm
Weight	73 kg

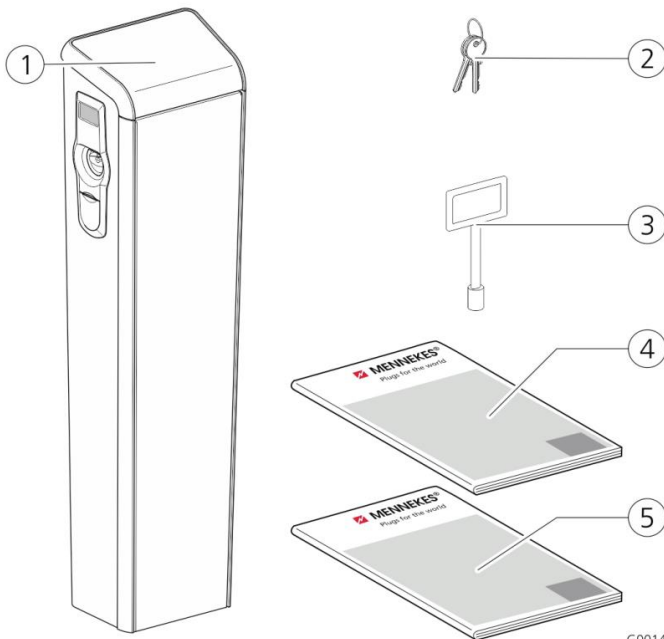
Assembly



- ① Cover panel
- ② Cover
- ③ Socket panel (2x)
- ④ Basic housing
- ⑤ Front panel
- ⑥ Profile strips
- ⑦ Plain text display for operator guidance
- ⑧ RFID reader
- ⑨ Type 2 charging socket (Mode 3) with status indicator lamps

G0

Delivery Contents



- ① Charging column
- ② Key set for releasing the turning lever
- ③ Key for releasing the cover plate
- ④ Operating manual for charging column
- ⑤ Operating manual for MENNEKES ACU (only for Smart (S)M 22)

G00147