

TECHNIVOLT 2200 SMART

22 kW charging station with permanently connected charging cable according to IEC 62196-2 type 2

EAN	Cable length	Colour	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
4019588763029	7,5 m	black/white	0007/6302	13,36 kg	10,41 kg	34 x 66 x 11,2 cm	39 x 78,5 x 24,5 cm
4019588063020	5 m	black/white	0000/6302	11,98 kg	11,98 kg	34 x 11,2 x 66 cm	48 x 22,2 x 71,3 cm

TOP FEATURES

- Mode 3 charging mode in accordance with IEC 61851
- Charging cable mounted with type 2 plug
- 22 kW charging power (adjustable to 11 kW)
- 32A charging current per phase, single-phase charging also possible
- Protection against unauthorized access
- Integrated DC fault current detection 6mA
- RFID function for activating the charging processes
- Integrated charging cable rewind
- Dynamic load management
- Energy meter MID

FILTER-NAVIGATION

- Subsidy eligibility: Eligible for KfW funding
- Charging capacity: 22 kW

MECHANICAL PROPERTIES

- Bushing for power supply line: M32, fpr cables Ø 15-21 mm
- Feedthrough for data cables: M25, for cables Ø 4-9 mm
- Housing material: Plastic (flame retardant), glass

RFID

- UID: 4-byte, 7-byte
- Standard: ISO 14443A
- Card type: MIFARE
- Frequency: 13,56 MHz

WLAN

- WPA2: Yes
- 2,4 GHz: Yes
- IEEE 802.11n: Yes
- IEEE 802.11g: Yes
- IEEE 802.11b: Yes

AMBIENT OPERATING CONDITIONS

- Operating altitude: 2.000 m ü.NN
- IP class: 54
- Shock resistance: IK08
- Temperature: -25 ... 55 °C (without direct sunlight)
- Humidity: 5 ... 95 % (relative, no dew)

AMBIENT STORAGE CONDITIONS

- Temperature: -30 ... 70 °C
- Humidity: 5 ... 95 % (relative, no dew)

MOBILE RADIO

- LTE FFD bands: B1/B3/B7/B8/B20/B28
- WCDMA bands: B1/B8
- SIM card: Micro-SIM
- Standard: 4G LTE Cat1
- EDGE bands: B3/B8

AUTHORISATION

- RFID: Yes

LOAD MANAGEMENT

- Phase imbalance prevention: Yes
- Time-dependent: Yes
- Static: Yes
- Phases individual: Yes
- Dynamic: Yes

PROTECTION

- DC fault current detection: Internal RCM, IΔn ≥ 6 mA
- MCB in the entrance: Tripping characteristic C
- RCCB in the entrance: 4P-40A-30mA, Typ A

OUTPUT/VEHICLE CONNECTION

- Charging Mode: Mode 3, IEC61851-1
- Charging port: Fixed charging cable with type 2 plug, IEC-62196-2
- Output voltage: 230 / 400 V
- Charging current: 32 A
- Charging power: 22 kW·h

COMMUNICATION

- Vehicle communication: PLC, ISO 15118 Plug-&-Charge
- Internet / network: Ethernet, WLAN
- Mobile data connection: Mobile radio
- Charging point <> backend: OCPP Version 1.5, 1.6
- User authorization: RFID
- Modbus: Yes (TCP)
- SMA SEMP: Yes
- EEBUS: Yes

NETWORK & COMMUNICATION

- 4G: Yes
- 100Base-T: Yes
- HTTP: Yes
- DHCP: Yes
- TCP/IP: Yes

POWER SUPPLY

- Nominal current: 32 A
- Power cord: max. 10 mm² Ø 15-21 mm
- Nominal voltage: 230 / 400 V
- Type of current: AC
- Power consumption standby: typ. 4,2 W
- Rated frequency: 50 Hz

SCOPE OF DELIVERY

TECHNIVOLT 2200 SMART charging station, front glass pane, assembly instructions, operating instructions, assembly template, fastening set (4x Fischer SXRL 8 x 60 FUS A4), angle key (Torx-TR 20), locking screw for glass pane (Torx-TR 20 M4), 2x user RFID card