



TECHNIVOLT 2200 SMART PRO

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

Colour	EAN	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
black/white	4019588763302	0007/6303	11,98 kg	9,61 kg	34 x 66 x 11,2 cm	39 x 78,5 x 24,5 cm

TOP FEATURES

Mode 3 charging mode in accordance with IEC 61851

Charging cable 7,5m mounted with type 2 plug

22 kW charging power (adjustable to 11 kW)

TechniVolt Home App

Protection against unauthorized access

Integrated DC fault current detection 6mA

RFID function for activating the charging processes

Integrated charging cable rewind

OCPP Backend Software System

Eichrechtskomformes billing via MID

FILTER-NAVIGATION

Charging capacity: 22 kg/mm

Subsidy eligibility: Eligible for KfW funding

MECHANICAL PROPERTIES

Feedthrough for data cables: M25, for cables Ø 4-9 mm

Housing material: Plastic (flame retardant), glass

Bushing for power supply line: M32, for cables Ø 15-21 mm

RFID

UID: 4-byte, 7-byte

Card type: MIFARE

Frequency: 13,56 MHz

Standard: ISO 14443A

WLAN

IEEE 802.11b: Yes

2,4 GHz: Yes

IEEE 802.11n: Yes

WPA2: Yes

IEEE 802.11g: Yes

MOBILE RADIO

SIM card: Micro-SIM

Standard: 4G LTE Cat1

WCDMA bands: B1/B8

EDGE bands: B3/B8

LTE FFD bands: B1/B3/B7/B8/B20/B28

PROTECTION

DC fault current detection: Internal RCM, $I_{\Delta n} \geq 6$ mA

MCB in the entrance: Tripping characteristic C

RCCB in the entrance: 4P-40A-30mA, Typ A

NETWORK & COMMUNICATION

4G: Yes

100Base-T: Yes

TCP/IP: Yes

HTTP: Yes

DHCP: Yes

AMBIENT OPERATING CONDITIONS

Operating altitude: 2.000 m ü.NN

IP class: 54

Shock resistance: IK08

Humidity: 5 ... 95 % (relative, no dew)

Temperature: -25 ... 55 °C (without direct sunlight)

AUTHORISATION

RFID: Yes

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

POWER SUPPLY

Nominal current: 32 A

Rated frequency: 50 Hz

Nominal voltage: 230 / 400 V

Power consumption standby: typ. 4,2 W

Power cord: max. 10 mm² Ø 15-21 mm

Type of current: AC

AMBIENT STORAGE CONDITIONS

Humidity: 5 ... 95 % (relative, no dew)

Temperature: -30 ... 70 °C

LOAD MANAGEMENT

Static: Yes

Time-dependent: Yes

Phases individual: Yes

Dynamic: Yes

Phase imbalance prevention: Yes

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)

EEBUS: Yes

SMA SEMP: Yes

SCOPE OF DELIVERY

TECHNIVOLT 2200 SMART PRO AC 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