



## TECHNIVOLT 1100

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

| Cable length | Colour      | EAN           | Item no.  | Weight (Box) | Weight  | Device (W x H x D) | Box                 |
|--------------|-------------|---------------|-----------|--------------|---------|--------------------|---------------------|
| 5 m          | black/white | 4019588063006 | 0000/6300 | 10,43 kg     | 8,06 kg | 34 x 11,2 x 66 cm  | 48 x 22,2 x 71,3 cm |

### TOP FEATURES

- For private home charging: TECHNIVOLT enables fast and safe charging at home with numerous advantages
- Type 2 charging plug: TECHNIVOLT uses the widely used Type 2 charging plug in Europe, now considered the standard, with 11 kW for ultra-fast car charging – including permanently attached charging cable
- Protected by RFID card: Access protection is useful to prevent unauthorized charging. Use is only possible with registered user cards (2 included).
- TechniVolt charging solutions are practical for everyday use, easy to operate, future-proof, and meet the highest performance and quality standards. The TECHNIVOLT 1100 wallbox is Made in Germany.

## SONSTIGES

bf\_filter\_financial\_support: Eligible for KfW funding

bf\_filter\_charging\_power: 11 kg/mm

## MECHANICAL PROPERTIES

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

Housing material: Plastic, flame retardant

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

## RFID

Card type: MIFARE Classic 1k

UID: 4-byte, 7-byte

Frequency: 13,56 MHz

Standard: ISO 14443A

## WLAN

IEEE 802.11n: Yes

WPA2: Yes

IEEE 802.11g: Yes

IEEE 802.11b: Yes

2,4 GHz: Yes

## AMBIENT OPERATING CONDITIONS

Operating altitude: 2.000 m ü.NN

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

IP class: 54

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

Shock resistance: IK08

## AMBIENT STORAGE CONDITIONS

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

Temperature: -30 ... 70 °C

## AUTHORISATION

RFID: Yes

## LOAD MANAGEMENT

Static: Yes

Time-dependent: Yes

Phase imbalance prevention: Yes

Dynamic: Yes

## PROTECTION

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

MCB in the entrance: Tripping characteristic C

RCCB in the entrance: 4P-20A-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: 16 A

Charging power: 11 kW·h

## COMMUNICATION

Vehicle communication: PLC, ISO 15118 Plug-& Charge

Internet / network: Ethernet, WLAN

Charging point <> backend: OCPP Version 1.5, 1.6

User authorization: RFID

Modbus: Yes (TCP)

EEBUS: Yes

SMA SEMP: Yes

## NETWORK & COMMUNICATION

TCP/IP: Yes

DHCP: Yes

100Base-T: Yes

HTTP: Yes

## POWER SUPPLY

Nominal current: 16 A

Power consumption standby: typ. 3,7 W

Nominal voltage: 230 / 400 V

Power cord: max. 10 mm² Ø 15-21 mm

Type of current: AC

Rated frequency: 50 Hz

## SCOPE OF DELIVERY

TECHNIVOLT 1100 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