



# 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

Charging mode 3 in accordance with IEC 61851

16A charging current per phase, single-phase charging also possible

RFID function for activating the charging processes

Charging cable mounted with type 2 plug

Protection against unauthorized access

Integrated charging cable rewind

11 kW charging power

Integrated DC fault current detection 6mA

Load management

## 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 mm<sup>2</sup> 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