

TECHNIVOLT 1100

11 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
4019588063006	5 m	black/white	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
- Charging cable mounted with type 2 plug
- 11 kW charging power
- 16A 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
- Load management

FILTER-NAVIGATION

- Subsidy eligibility: Eligible for KfW funding
- Charging capacity: 11 kW

MECHANICAL PROPERTIES

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

RFID

- Standard: ISO 14443A
- Frequency: 13,56 MHz
- UID: 4-byte, 7-byte
- Card type: MIFARE Classic 1k

WLAN

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

AMBIENT OPERATING CONDITIONS

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

AMBIENT STORAGE CONDITIONS

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

AUTHORISATION

RFID: Yes

LOAD MANAGEMENT

Dynamic: Yes

Phase imbalance prevention: Yes

Time-dependent: Yes

Static: Yes

PROTECTION

DC fault current detection: RCM intern, IΔn ≥ 6 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)

SMA SEMP: Yes

EEBUS: Yes

NETWORK & COMMUNICATION

TCP/IP: Yes

DHCP: Yes

100Base-T: Yes

HTTP: Yes

POWER SUPPLY

Nominal current: 16 A

Nominal voltage: 230 / 400 V

Type of current: AC

Power consumption standby: typ. 3,7 W

Rated frequency: 50 Hz

Power cord: max. 10 mm² Ø 15-21 mm

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