



TECHNIVOLT 1100 SMART

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
7,5 m	black/white	4019588076310	0007/6301	12,14 kg	9,19 kg	34 x 66 x 11,2 cm	39 x 78,5 x 24,5 cm
5 m	black/white	4019588063013	0000/6301	10,76 kg	8,39 kg	34 x 66 x 11,2 cm	48 x 71,3 x 22,2 cm

TOP FEATURES

Mode 3 charging mode 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

Dynamic load management

Energy meter MID

SONSTIGES

bf_filter_financial_support: Eligible for KfW funding

bf_filter_charging_power: 11 kg/mm

MECHANICAL PROPERTIES

Housing material: Plastic (flame retardant)

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

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

RFID

Frequency: 13,56 MHz

Standard: ISO 14443A

UID: 4-byte, 7-byte

Card type: MIFARE

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

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

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

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

AUTHORISATION
RFID: Yes

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

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-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
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
DHCP: Yes
HTTP: Yes
TCP/IP: Yes

POWER SUPPLY
Nominal current: 16 A
Rated frequency: 50 Hz
Power consumption standby: typ. 4,2 W
Power cord: max. 10 mm ² Ø 15-21 mm
Nominal voltage: 230 / 400 V
Type of current: AC

SCOPE OF DELIVERY
TECHNIVOLT 1100 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