

BESSER MADE IN GERMANY

TECHNIVOLT 1100 SMART

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
4019588063013	5 m	black/white	0000/6301	10.76 kg	8.39 kg	34.00 x 66.00 x 11.20 cm	48.00 x 71.30 x 22.20 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

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

- Card type : MIFARE Classic 1k
- Standard : ISO 14443A
- Frequency : 13.56 MHz
- UID : 4-byte, 7-byte

WLAN

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

AMBIENT OPERATING CONDITIONS

- IP class : 54
- Shock resistance : IK08
- Temperature : -25 ... 55 °C (without direct sunlight)
- Humidity : 5 ... 95 % (relative, no dew)
- Operating altitude : 2000 m ü.NN

AMBIENT STORAGE CONDITIONS

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

MOBILE RADIO

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

AUTHORISATION

- RFID : Yes

LOAD MANAGEMENT

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

PROTECTION
DC fault current detection : Internal RCM, 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
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

NETWORK & COMMUNICATION
4G : Yes
100Base-T : Yes
HTTP : Yes
DHCP : Yes
TCP/IP : Yes

POWER SUPPLY
Type of current : AC
Nominal voltage : 230 / 400 V
Nominal current : 16 A
Rated frequency : 50 Hz
Power consumption standby : typ. 4.2 W
Power cord : max. 10 mm² Ø 15-21 mm

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