



TECHNIVOLT 101

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

Colour	EAN	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
black	4019588064010	0000/6401	8,5 kg	6,4 kg	31,5 x 46 x 13,5 cm	39,8 x 52 x 32,4 cm

TOP FEATURES

Charging mode Mode 3 according to IEC 61851

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

RFID function for activating the charging processes

Charging cable mounted, 5m, with type 2 plug

Protection against unauthorized access

Integrated charging cable holder

11 kW charging power

Integrated DC fault current detection 6mA

IP54 weatherproof

SONSTIGES

bf_filter_charging_power: 11 kg/mm

bf_filter_financial_support: Eligible for KfW funding

AMBIENT STORAGE CONDITIONS

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

Temperature: -40 ... 80 °C

AUTHORISATION

RFID: Yes

MECHANICAL PROPERTIES

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

Feedthrough for data cables: M20, for 2 cables

Housing material: Plastic, flame retardant

RFID

Frequency: 13,56 MHz

Standard: ISO 14443A

UID: 4-byte

Card type: MIFARE Classic 1k

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 5m with type 2 plug, IEC-62196-2

Output voltage: 230 / 400 V

Charging current: 16 A

Charging power: 11 kW-h

AMBIENT OPERATING CONDITIONS

Operating altitude: 4.000 m ü.NN

Shock resistance: IK10

Temperature: -35 ... 55 °C (without direct sunlight)

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

IP class: 54

COMMUNICATION

User authorization: RFID

Modbus: Yes (RS485)

POWER SUPPLY

Nominal current: 16 A 3-phase

Nominal voltage: 230 / 400 V

Power cord: max. 10 mm² Ø 15-21 mm

Power consumption standby: 3,5 W

Type of current: AC

Rated frequency: 50 Hz

SCOPE OF DELIVERY

TECHNIVOLT 101 charging station, assembly instructions, operating instructions, assembly template, assembly accessories, 1x master RFID card, 2x user RFID card