



TECHNIVOLT 100

11 kW charging station with integrated charging socket according to IEC 62196-2 Type 2

Colour	EAN	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
black	4019588064003	0000/6400	6,5 kg	4,4 kg	31,5 x 46 x 13,5 cm	39,8 x 52 x 23,7 cm

TOP FEATURES

- For private home charging: TECHNIVOLT enables fast and safe home charging with numerous advantages
- Type 2 charging plug: TECHNIVOLT uses the widely adopted Type 2 plug in Europe, now considered standard, with 11kW for extra-fast car charging
- Protected by RFID card: Access protection is sensible to prevent unauthorized charging. Use is only possible with registered user cards (2 included)
- Versatile mounting options: The TECHNIVOLT 100 can be installed under a carport, in a garage or underground garage, or in the driveway. Alternatively, mounting on a stand column (optional) is also possible

SONSTIGES

bf_filter_charging_power: 11 kg/mm

bf_filter_financial_support: Eligible for KfW funding

AMBIENT STORAGE CONDITIONS

Temperature: -40 ... 80 °C

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

AUTHORISATION

RFID: Yes

MECHANICAL PROPERTIES

Feedthrough for data cables: M20, for 2 cables

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

Housing material: Plastic, fireproof

RFID

Standard: ISO 14443A

UID: 4-byte

Card type: MIFARE Classic 1k

Frequency: 13,56 MHz

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: Socket type 2, IEC-62196

Output voltage: 230 / 400 V

Charging current: 16 A

Charging power: 11 kW·h

AMBIENT OPERATING CONDITIONS

Operating altitude: 4.000 m ü.NN

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

Shock resistance: IK10

IP class: 54

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

COMMUNICATION

User authorization: RFID

Modbus: Yes (RS485)

POWER SUPPLY

Nominal current: 16 A 3-phase

Rated frequency: 50 Hz

Nominal voltage: 230 / 400 V

Power consumption standby: 3,5 W

Power cord: max. 10 mm² Ø 15-21 mm

Type of current: AC

SCOPE OF DELIVERY

Charging station TECHNIVOLT 100, assembly instructions, user manual, assembly template, mounting accessories, 1x Master RFID card, 2x user RFID card