



TECHNIVOLT 101

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

EAN	Colour	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
4019588064010	black	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

Charging cable mounted, 5m, 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 holder

IP54 weatherproof

AMBIENT STORAGE CONDITIONS

Temperature : -40 ... 80 °C

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

AUTHORISATION

RFID : Yes

MECHANICAL PROPERTIES

Housing material : Plastic, flame retardant

Feedthrough for data cables : M20, for 2 cables

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

RFID

Standard : ISO 14443A

Frequency : 13,56 MHz

UID : 4-byte

Card type : MIFARE Classic 1k

PROTECTION

DC fault current detection : RCM intern, I_{Δn} ≥ 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 5m with type 2 plug, IEC-62196-2

Output voltage : 230 / 400 V

Charging current : 16 A

Charging power : 11 kW-h

COMMUNICATION

User authorization : RFID

Modbus : Yes (RS485)

AMBIENT OPERATING CONDITIONS

IP class : 54

Shock resistance : IK10

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

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

Operating altitude : 4.000 m ü.NN

POWER SUPPLY

Type of current : AC

Nominal voltage : 230 / 400 V

Nominal current : 16 A 3-phase

Rated frequency : 50 Hz

Power consumption standby : 3,5 W

Power cord : max. 10 mm² Ø 15-21 mm

SCOPE OF DELIVERY

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