



TECHNIVOLT 100

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

EAN	Colour	Item no.	Weight (Box)	Weight	Device (W x H x D)	Box
4019588064003	black	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

Charging mode Mode 3 according to IEC 61851

Socket type 2

11 kW charging power

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

Protection against unauthorized access

Integrated DC fault current detection 6mA

RFID function for the activation of the charging operations

Charging cable suspension integrated

IP54 weatherproof

AMBIENT STORAGE CONDITIONS

Temperature : -40 ... 80 °C

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

AUTHORISATION

RFID : Yes

MECHANICAL PROPERTIES

Housing material : Plastic, fireproof

Feedthrough for data cables : M20, for 2 cables

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

RFID

UID : 4-byte

Card type : MIFARE Classic 1k

Standard : ISO 14443A

Frequency : 13,56 MHz

PROTECTION

DC fault current detection : RCM intern, $I_{\Delta n} \geq 6$ 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 : Socket type 2, IEC-62196

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

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