



TECHNIVOLT 1100

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
4019588063006	5 m	black/white	0000/6300	10,43 kg	8,06 kg	34 x 11,2 x 66 cm	48 x 22,2 x 71,3 cm

TOP FEATURES

Charging mode 3 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

Load management

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 : 2.000 m ü.NN

AMBIENT STORAGE CONDITIONS

Temperature : -30 ... 70 °C

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

AUTHORISATION

RFID : Yes

LOAD MANAGEMENT

Static : Yes

Dynamic : Yes

Time-dependent : Yes

Phase imbalance prevention : Yes

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 with type 2 plug, IEC-62196-2

Output voltage : 230 / 400 V

Charging current : 16 A

Charging power : 11 kW-h

COMMUNICATION	NETWORK & COMMUNICATION	POWER SUPPLY
Vehicle communication : PLC, ISO 15118 Plug-&-Charge	TCP/IP : Yes	Type of current : AC
Internet / network : Ethernet, WLAN	DHCP : Yes	Nominal voltage : 230 / 400 V
Charging point <> backend : OCPP Version 1.5, 1.6	100Base-T : Yes	Nominal current : 16 A
User authorization : RFID	HTTP : Yes	Rated frequency : 50 Hz
Modbus : Yes (TCP)		Power consumption standby : typ. 3,7 W
SMA SEMP : Yes		Power cord : max. 10 mm ² Ø 15-21 mm
EEBUS : Yes		SCOPE OF DELIVERY
		TECHNIVOLT 1100 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