



TEVS1000-G

TEVS1000-S

TEVS1000

Electric vehicles fast charging station

60 kW DC, 22 kW AC

The **TEVS1000** charging station allows fast DC charging of electric vehicles by the CCS or CHAdeMO connector and AC charging by a Type-2 connector. The charging station is equipped with RFID reader, GSM modem and supports OCPP-J communication protocol version 1.6.

Main features:

- DC fast charging and AC type-2 charging of compatible electric cars
- 60 kW DC and 22 kW AC charging power
- Support for two DC charging standards: CCS and CHAdeMO
- Simultaneous DC (CCS or CHAdeMO) and AC charging
- Compliance with the OCPP 1.6 JSON communication protocol
- Monitoring of the charging station status through the built-in GSM modem
- 10.1" high-contrast touch panel
- Self-winding charging cables (TEVS1000-G)
- V2G standard compatible (optional)
- Adaptable to DC voltage supply from energy storage systems (optional)
- Designed and manufactured in Poland

Application:

The TEVS1000 fast charging station is dedicated to installation in places where the user of an electric car expects a quick top-up of the vehicle, including: shopping centres, passenger service areas on motorways and express ways, city and private car parks, gas stations, etc.

TECHNICAL DATA:

Fast DC charging: CCS type 2 or CHAdeMO

Number of charging points: 2; 1 x CCS & 1 x CHAdeMO

Number of charging points handled simultaneously: 1

Electrical power of each charging point: 60 kW

Type and number of DC plugs: CCS type 2: 1, CHAdeMO: 1

DC charging standards: ISO-15118, DIN 70121; CHAdeMO

Charging current: 0-150 A

Charging voltage: 50-500 Vdc lub 50-1000 Vdc

AC type-2 charging 400V 50Hz

Charging power: 22 kW

Number of charging points: 1

Type and number of AC plugs: AC type-2: 1

Charging cable length: 3 m or depending on the order

Charging authentication: RFID, PIN code

User interface: 10.1" LCD high-contrast touchscreen 1280x800 IPS 1000CD

Communication protocol: OCPP 1.6 JSON

Charging station power supply

- Voltage: 3 x 400 V, 50 Hz
- Power: 85 kW

When the available power is lower than the required power, it is possible to limit the charging power.

- Network type: TN-S, TN-C-S

Standards

EN 61851-1:2019-10, EN IEC 61851-21-2:2021-09, EN 61851-23:2014-11,
EN 61851-24:2014-11, EN IEC 61000-6-4:2019-12, ISO 15118, DIN 70121

Efficiency: up to 95%

IP rating: IP 54

Dimensions and weight

- Dimensions (H x W x D):
TEVS1000-G: 1850 x 864 x 668 mm
TEVS1000-S: 2100 x 550 x 700 mm
- Weight:
approx. 450 kg

For further information please contact us!

We may make changes to specifications and product descriptions at any time, without any notice.

TWERD ENERGO-PLUS Sp. z o.o.

ul. Aleksandrowska 28-30
87-100 Toruń, PL

tel. +48 56 654 60 91
e-mail: twerd@twerd.pl

www.twerd.pl

