

Energie-Positief

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DC FAST CHARGING STATION

SAFE, FAST AND RELIABLE

SETEC Power 50kW DC Quick charging station offers Electric Vehicle owners an opportunity to charge their car safely and quickly. A typical electric car with 80 kWh battery pack may be charged as quickly as less than 80 minutes to get up to 80% of its capacity.

SETEC combines industry standardization with advanced charging technology to support next-generation electric vehicles. Its multi-protocol design allows for easy tailoring to support Chademo and CCS standards for DC fast charging applications. Payment & billing platform solutions enable easy and secure payments via station payment terminals and RFID card.

FEATURES

- Built-in safety measures
- User friendly interface
- Flexible multi-protocol design
- CHAdeMO and CCS protocol compatible
- OCPP
- Durable enclosure
- Wide temperature range: -25°C to +65°C
- Data management and metering options

APPLICATIONS

- Service station operators
- Public corridor charging along the highways
- Busy urban areas
- Commercial fleet operators
- EV Infrastructure operators / EVSE providers



Technical specifications

System

Type Single DC fast-charging station

Operating temperature -25°C to +65°C

Storage temperature -40°C to +70°C

Relative humidity 20% to 95%

Environment Indoor / outdoor

Input

AC power connection 3P + PE

Input voltage range 305-520 VAC

Frequency 40-65HZ

Power factor 0.99

Current THD 5%

Input under-voltage protection Yes

Output

Output voltage (50-750Vdc)

Output current 100A

Output power 50KW

Output over-current protection Yes

Output short-circuit protection Yes

General

Dimensions (D x W x H)

Charge station 60x74x173cm (Cabinet)

Weight

Charge station 300 kg

Protection degree IP54

Cooling Forced air

Parallel modules No. 64



CCS



Chamedo



- 1.Plug
- 2.Latch(For locking)
- 3.LED lamp
- 4.Release Button
- 5.Cable Rubber sheath
- 6.Connector main body
- 7.Grip integrated with main body

Specification

Item	CHAdeMO	CCS	GB/T
Rated voltage	500VDC	200-850VDC	400-750VDC
Rated current	125A	200A	63A-250A

With a adapter a Tesla can be charged