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.

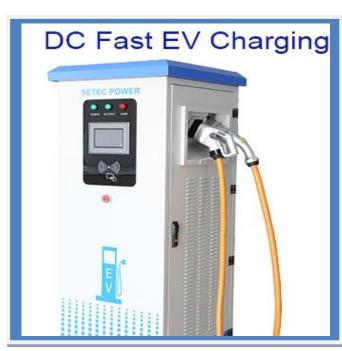
SETEC combines industry standardization with advanced charging technology to support next-generation electric vehicles. Its multi-protocol design allows for easy tailoring to support Chademo and CCS standards for DC fast charging applications. Payment & billing platform solutions enable easy and secure 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 (Cabine.,
Weight
Charge station 300 kg
Protection degree IP54
Cooling Forced air
Parallel modules No. 64
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CCS



Chamedo



Rated current

With a adapter a Tesla can be charged