Energie-Positief

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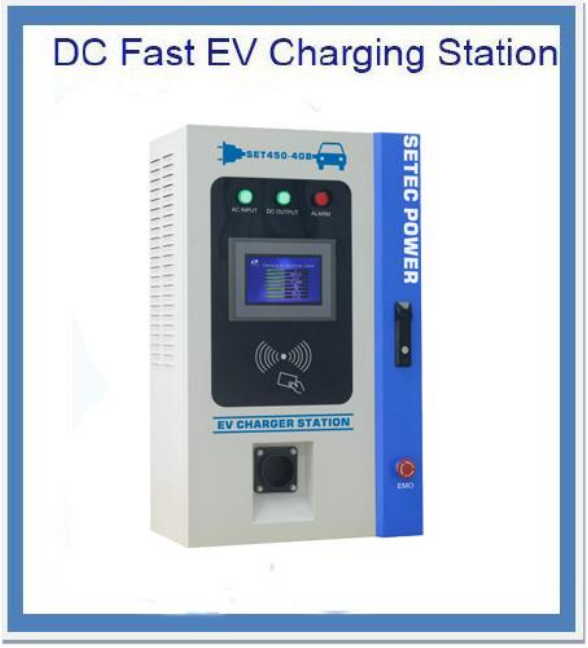
DC FAST CHARGING STATION (CHAdeMO and/or CCS)

SAFE, FAST AND RELIABLE

SETEC Power 20kW DC Quick charging station offers Electric Vehicle owners an opportunity to charge their car safely and quickly. A typical electric car with 40 kWh battery pack may be charged in 90 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: -25ºC to +65ºC
- Data management and metering options



APPLICATIONS

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

Technical specifications

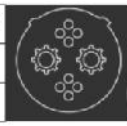
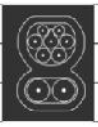
System	
DC fast-charging station	
BMS Communication	
CAN2.0 [CHAdeMO]/ PLC [Combo]	
Charging Plugs	
CHAdeMO and CCS	
Cooling	Forced Ventilation
Display	7 inch LED Touch Screen
Operating temperature	-25ºC to +65ºC
Storage temperature	-40ºC to +70ºC
Relative humidity	20% to 95%
Environment	Indoor / outdoor
Input	
AC power connection	3P + PE
Input voltage range	305-520 VAC (3 phase)
Frequency	40-65HZ
Power factor	0.99
Current THD	≤5%
Input under-voltage protection	Yes
Output	
Output voltage	(50-500Vdc)
Output current	40A
Output power	20KW
Output over-current protection	Yes
Output short-circuit protection	Yes
General	
Protection degree	IP54

CCS

Chademo

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