

DC FAST CHARGING STATION

SAFE, FAST AND RELIABLE

SETEC Power 60kW DC Quick charging station offers Electric Vehicle owners an opportunity to charge their car safely and quickly. A typical electric car with 24kWh battery pack may be charged as quickly as less than 20 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
- Tesla, 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 and 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 200-1000Vdc

Output current 400V @150A 750V@80A

Output power 60KW

Output over-current protection Yes

Output short-circuit protection Yes

General

Dimensions (D x W x H)

Charge station 160cm or 180cm height (Cabinet)

Weight

Charge station ≤300 kg

Protection degree IP54

Cooling Forced air



CCS combo 1



CCS combo 2



CHAdemo



GB/T



Tesla plug