

DC FAST CHARGING STATION

SAFE, FAST AND RELIABLE

SETEC Power 30kW 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 30 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 1.6 Optional, Ethernet, WIFI, (4G Optional)
- 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



Tesla Plug

Technical specifications

System

DC fast-charging station

BMS Communication

CAN2.0 [CHAdeMO] (Tesla) / PLC [Combo]

Charging Plugs

CHAdeMO , CCS , Tesla

Cooling Forced Ventilation

Display 10 inch LED Touch Screen

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 (3 phase)

Frequency 50/60HZ

Power factor 0.99

Current THD ≤5%

Input under-voltage protection Yes

Output

Output voltage (200-1000Vdc)

Output current 100A maximum

Output power 30KW

Output over-current protection Yes

Output short-circuit protection Yes

General

Protection degree IP54



CCS combo 1



CCS combo 2

