

# SETEC 50kW EV FAST CHARGING STATION

SAFE, FAST AND RELIABLE

**50kW**

## Safe, Fast and Reliable

CCS Combo 1 or Combo 2 + CHAdeMO 50kW EV charging station is Combined with CHAdeMO and CCS Combo 1 or 2, Dual connectors, Fast charging Station. That can be fit for all CHAdeMO and CCS Electric Cars. CCS Combo 1 is for American EVs, CCS combo 2 is for European EVs. CHAdeMO is for Japanese and Korea EVs. 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 24kWh battery pack may be charged as quickly as less than 10 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 combo1 or 2 compatible TYPE2 AC Charger 22kw/43kw Optional
- OCPP 1.5 or 1.6 Optional
- WIFI, 4G, GSM Optional
- Durable enclosure
- Wide temperature range: -25°C to +65°C
- Data management and metering options
- Multi-connector are suitable for all the EV cars.
- Multi-language to meet for different end users.
- Touch Screen to easy operation and view status.
- Obvious signal light shows charging status.
- Two side doors for checking inside easily.
- Emergency button to stop immediately.
- Two side doors for checking inside easily.
- Tap RFID card to start charging.
- Charge modules be inserted easily.



## Applications

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



## Technical specifications

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### System

DC fast-charging station

BMS Communication

CAN2.0 [CHAdeMO]/ PLC [Combo]

Charging Plugs

CHAdeMO and CCS 1 or 2,

/ Type 2 or Socket Optional.

Cooling Forced Ventilation

Display 7 or 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

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Input: AC power connection 3P + PE

Input voltage range 305-520 VAC (3 phase)

Frequency 40-65HZ, Power factor 0.99

Current THD  $\leq 5\%$

Input under-voltage protection Yes

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### Output

Output voltage (50-500Vdc)

Output current 100A

Output power 50KW

Output over-current protection Yes

Output short-circuit protection Yes

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### General

Protection degree IP54

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#### Johor Bahru Office

44 & 44A, Jalan Palma Rafis 1, Taman Dato Chellam, 81800 Ulu Tiram, Johor, Malaysia.

+607-8660510 enquiry@saturnpyro.com  
+607-8660511 www.saturnpyro.com

#### Shah Alam Office

K03-03-12, Tower 3, UOA Business Park, No 1, Jalan Pengaturcara U1/51A, Section U1, Kawasan Perindustrian Temasya, 40150 Shah Alam, Selangor, Malaysia.

+603 - 5870 3282 enquiry@saturnpyro.com  
+607-8660511 www.saturnpyro.com

#### Bangalore Office

SFS-B38, 1st Floor, 7th B Main Road, Yelahanka New Town, Bangalore 560 064 GSTIN: 29ABCCS4606C1ZK

+91 - 829 192 0602 venkat@saturnpyro.com  
+91 - 8123 11 8501 www.saturnpyro.com