

# DC FAST CHARGING STATION

## 30kW

### Overview

DC Fast Charging Stations can charge all Electric Vehicles with CCS 2, GB/T, and CHAdeMO charging standard compliance with a maximum DC output Power up to 350kW.

After user identification (if authentication is required), by simply choosing the charging standard compatible to your vehicle and coupling the charger's output plug to the EV, you will have a fast, secured and proven charging process.

The battery charging status will be displayed on the LCD . The charging cycle either finishes by itself or it can be terminated by a user command.

Different output options like basic single DC output, dual DC output, or even triple DC+AC outputs are available, which can be given in a single cabinet or can be bundled with a wired charging interface kiosk.

### Features

- Built-in safety measures
- User friendly interface
- Flexible multi-protocol design
- TYPE 2 AC Charger 22kw/43kw (Optional)
- OCPP 1.6 J (2.0.1 Upgradable)
- 4G-GSM / Ethernet (Optional)
- Durable enclosures
- Wide temperature range: -25°C to +55°C
- Data management and metering options
- Tap RFID card to start and stop charging.

### Applications

- Residential Apartments
- Commercial Premises like Malls, Theatres, Super Market, Showrooms etc.
- Public buildings like Hospitals etc.
- Amusement parks
- Private buildings like Fitness facilities, swimming pools etc.,

### CONTACT US

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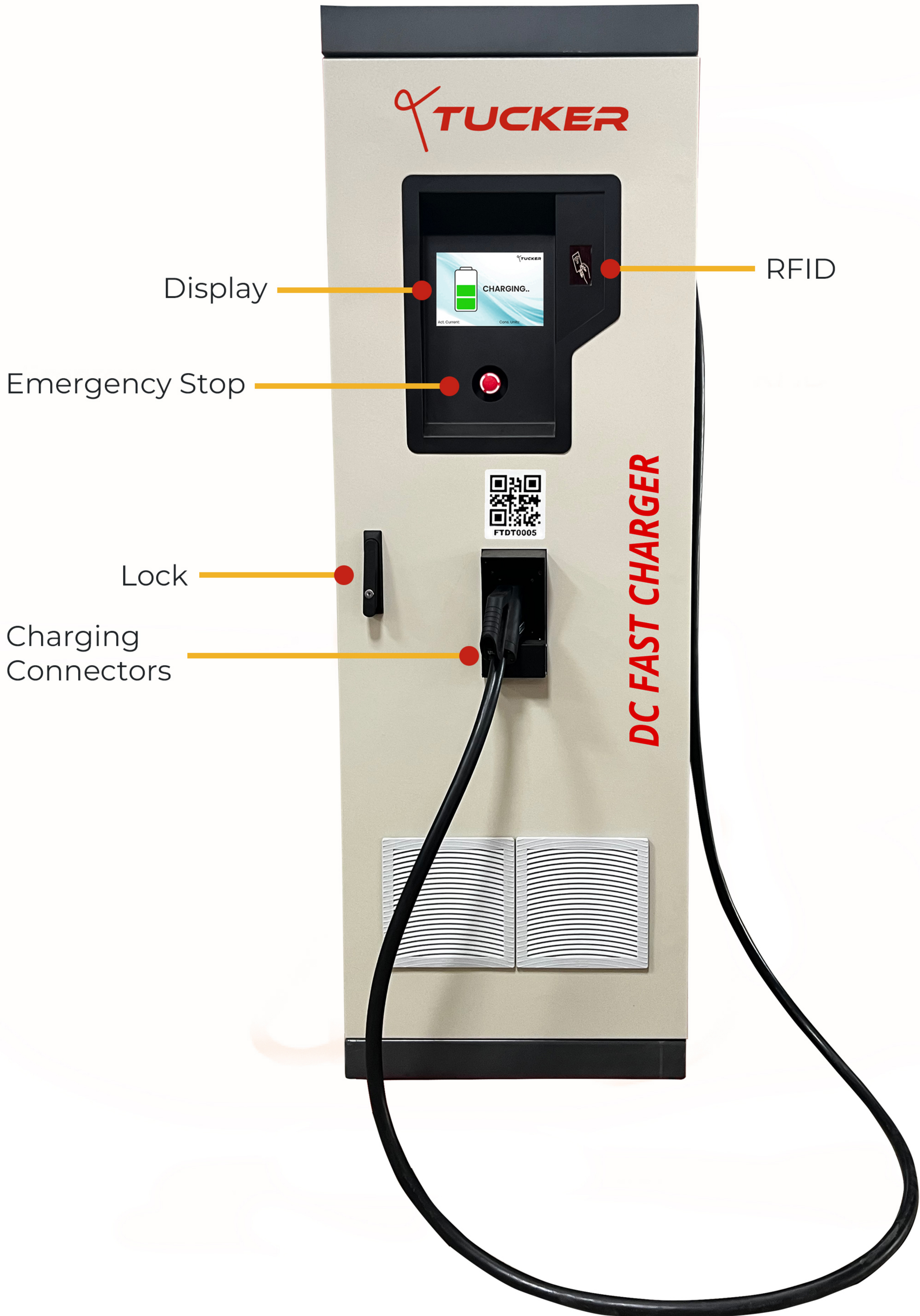
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# PANEL OVERVIEW





## 30 kW DC FAST CHARGING STATION

Technical Specifications		
Power Output	DC Output Voltage Running	100-1000 Vdc
	Output Current	60 A Max
	Power Rating	30 kW
	Connector	CCS2
	Number of Connectors	Single Gun
	Efficiency	≥95%
Power Input	Input Voltage	3Φ415V (+6% and -10%) 3Phase, 5 Wire AC System (3Ph+N+E)
	Input Frequency	50Hz ± 5%
	THD	≤ 5% @ Nominal Voltage
	Power Factor	≥ 0.99 (Full Load)
Protection & Safety	Safety Parameters	Over Current, Under Voltage, Over Voltage, Surge Protection, Over Temperature
User Interface & Control	Display	7 inch (10 inch LCD Touch Screen - Optional)
	Support Language	English
	Push Button	Emergency Stop Switch (Red)
	Visual Indication	Error Indicator; Presence of Input Supply, State of Charge Indicator
	User Authentication	ISO/IEC 14443A RFID/QR Code Customizable
Charging Modes	Charging initialization	Smart Card, QR/OTP/APP Server based
Communication	B/W EVSE and Vehicle	PLC (CCS 2)
	B/W Charger and Central Server	OCPP v1.6 J (2.0.1 Upgradable) Ethernet or GSM
Mechanical	Ingress Protection	IP54
	Cooling	Forced Air Cooling
	Charging Cable Length	5 Meters / Customizable
Environmental	Operating Temperature	-20°C to 55°C (derating from 50°C)
	Humidity (Non-Considering)	0 to 95%
	Storage Temperature	-20°C to 80°C
	Altitude	upto 3000 Meters

\*\*subject to change without prior notice