

## Overview

The FCGSE SEC 30kW Series DC charger adopts a modular and sleek industrial design. With light and portable features, the FCGSE SEC 30 offers an easy and smooth installation, convenient charging and easy maintenance.

The FCGSE SEC 30 is compatible for 'small spaces' and can fully charge EVs within 2~3 hours.

There is also a mobile solution trolley wall box for easy mobility and charge.



## Specifications

30kW DC Charger		
<b>Input Characteristic</b>	Input voltage	380 VAC +/- 10%
	Input frequency	50 / 60 Hz
	Input type	3P + N + PE
	Input current	50A
	Input power	33kVA
	Power factor	0.99
	THDi	<5%
<b>Output Characteristic</b>	Connector options	Single connector CCS2, CHAdEMO is optional
	Output voltage	CCS2: 50-1000 Vdc CHAdEMO: 50-500 Vdc 375~1000V is the output voltage of constant power output (80A CCS2 cable).

	Maximum output current	CCS2: 80A CHAdeMO: 80A
	Rated power	DC: 30kW
	Peak efficiency	96%
<b>Environment</b>	Operational altitude	<2000 m
	Operating temperature	-25 °C to +50 °C (Full power)
	Temperature derating	Up to 50 °C: 100% output power, 50-65 °C interval, linear power limit, 65 °C or more, module shutdown protection.
	Storage temperature range	-30 °C to +70 °C
	Humidity	5 %-95 % Rh non-condensing
<b>Structure</b>	IP and IK rating	IP55/ IK10
	Dimensions	W700mm*D550mm*H200mm (Estimated)
	Weight	≤40 kg
<b>Components</b>	Cable length	5m (4.5m exposed from the charger), longer length optional
	Emergency button	Yes
<b>Others</b>	Communication interface	4G / LAN Port
	Language	English (Support customizing other languages)
	Communication protocol	OCPP1.6J
	Cooling method	Air cooled
	Payment method	RFID / APP/Credit card
<b>Standards and Certifications</b>	EMC	Class A (industrial)
	Protection	Undervoltage protection, Overvoltage protection, DC Overcurrent protection, Over-temperature protection, Surge Protection Device, Emergency Stop Protection
	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.
	Certifications	CE, TUV, TR25, UKCA, RCM

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