Sinexcel

Everything about profitability and charging experience

SEC100030Y Series

DC Fast Charger

CE certified Q1 2024

Large Scale Time 15th April

Overview

The SEC 30kW Series DC charger adopts modular design and outstanding industrial design. With light and portable feature, SEC 30 can offer smooth installation and convenient charging and easy maintenance.

SEC 30 is compatible for ‘small space’ and fully charge EVs within 2~3 hours.

There is also a mobile solution to assemble the wall box in a trolley for easy to move and charge.

Specifications

Sinexcel 30kW DC Charger		
Input Characteristic	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%
Output Characteristic	Connector options	Single connector Standard CCS2, Optional CHAdeMO
	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	Standard CCS2 80A Optional CCS2 125A CHAdeMO 80A
	Rated power	DC: 30kW
	Peak efficiency	96%
Environment	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
Structure **Components**	IP and IK rating	IP55/ IK10
	Dimensions	W550mm*D700mm*H200mm
	Weight	≤65 kg
	Cable length	5m (4.5m exposed from the charger), longer length optional
	Emergency button	Yes
Others	Communication interface	4G / LAN Port
	Language	English (Support customizing other languages)
	Communication protocol	OCPP1.6J OCPP2.0.1 upgradable
	Cooling method	Air cooled
	Payment method	RFID / APP/Credit card

	EMC	Class A (industrial)
	Protection	Undervoltage protection, Overvoltage protection, DC Overcurrent protection, Over-temperature protection, Surge Protection Device, Emergency Stop Protection
Standards and Certifications	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.
	Certifications	CE, TUV, UKCA, *RCM 2024 Q2, *TR25 2024Q4

**Certification is planned and the final time may be adjusted.*

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