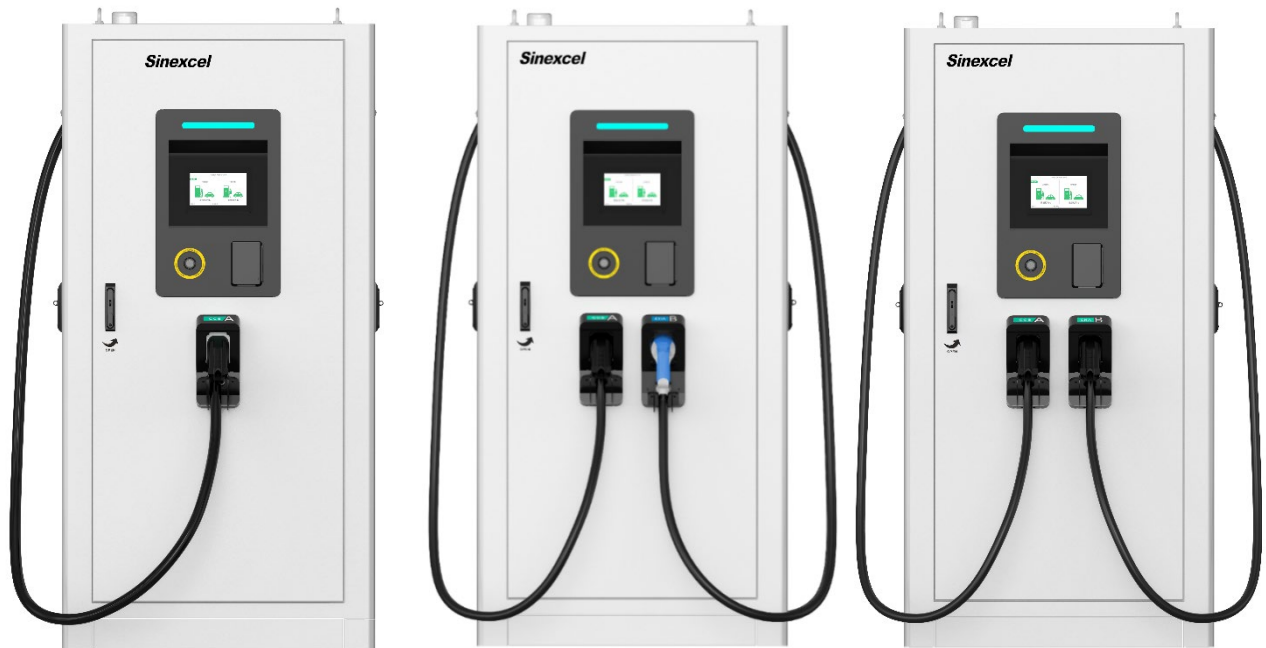


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SEC 160kW Series DC Fast Charger

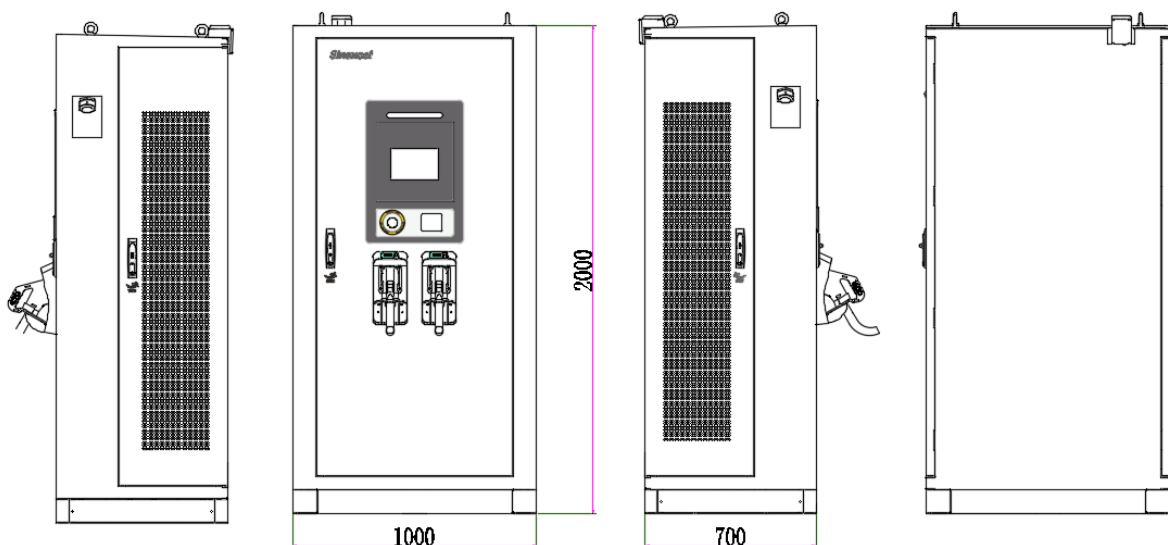


Overview

The SEC 160kW Series outdoor DC integrated charger adopts a new generation of 20kW intelligent charging module, single and double connectors can be arbitrarily selected according to customer needs. The dual-connector type can be distributed, according to the actual charging demand to meet the charging needs of small and medium-sized passenger cars and logistics vehicles.

Dimensions

W1000*D700*2000mm



Specifications

160kW Integrated Charger		
Input Characteristic	Input voltage	AC 400V +/- 10%
	Input frequency	50Hz / 60 Hz
	Input type	3P + N + PE
	Input current	299A
	Input power	177kW
	Power factor	0.99
	THDi	<5%
	Grounding type	TN-S, TN-CS.
Output Characteristic	Connector options	CCS2 CCS2+CCS2 CCS2+CHAdeMO CHAdeMO is optional
	Output voltage	CCS2: 200-1000 Vdc CHAdeMO: 200-500 Vdc 300~1000V is the output voltage of constant power output.
	Maximum output current	CCS2: 200A CHAdeMO: 125A
	Rated power	DC: 160kW
	Peak efficiency	96%
Environment	Operational altitude	<2000 m
	Operating temperature	-25 °C to +65 °C
	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	IP and IK rating	IP55/ IK10
	Dimensions	W1000mm*D700mm*H2000mm
	Weight	≤500 kg
	Enclosure material	304 stainless steel / sheet metal
Components	Cable length	5m (4.5m exposed from the charger)
	Screen	7" HD high-contrast touchscreen
	RFID Reader	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare1, NFC.
	Emergency button	Yes
Others	Communication interface	4G / LAN Port
	Language	English (Support customizing other languages)
	Communication protocol	OCPP1.6J
	Cooling method	Air cooled
	Payment method	RFID / APP

		(Mobile phone / Visa / Master is optional)
	EMC	Class A (industrial)
	Protection	Undervoltage protection, Overvoltage protection, DC Overcurrent protection, Over-temperature protection, Surge protection, Emergency stop protection, etc.
	Optional functions	Tilt detection, Flood detection, Smoke detection, Cable management, Heater.
Standards and Certifications	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.
	Certifications	CE, TUV, TR25, UKCA, RCM.

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