SEC 240kW Series
DC Fast Charger

Overview

SEC 240kW integrated charger is an integrated EV charger providing 240kW DC output with two connectors. Power flexible distributed to two connectors controlled by algorithm realizes intelligently EV charging. It supports high resolution large LCD touch screen with audio function and cable management system which provide better user experience.



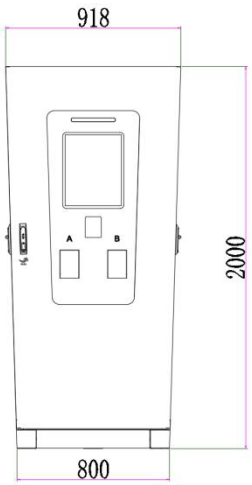


Dimensions

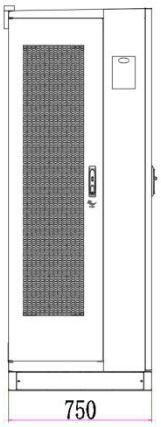
W(31.5~36.1)*D29.5*H78.7in
W(800~918)*D750*H2000mm



Right



Front



Left



Rear

Specifications

240kW Integrated Charger		
Input Characteristic	Input voltage	480 VAC +/- 10%
	Input frequency	50 / 60 Hz
	Input type	3P + N + PE
	Input current	350A
	Input power	262kW
	Power factor	0.99
	THDi	<5%
	Grounding type	TN-S, TN-CS
Output Characteristic	Connector options	CCS1 CCS1+CCS1 CCS1+CHAdeMO CHAdeMO is optional
	Output voltage	CCS1: 50-1000 Vdc CHAdeMO: 200-500 Vdc 300~1000V is the output voltage of constant power output.
	Maximum output current	CCS1: 200A, 300A Optional CHAdeMO: 125A
	Rated power	DC: 240kW
	Peak efficiency	96%
Environment	Operational altitude	<6562ft(2000 m)
	Operating temperature	-13°F-122°F(-25 °C to +50 °C) (Full power)
	Temperature derating	Up to 122°F(50 °C): 100% output power, 122°F-149°F(50-65 °C) interval, linear power limit, 149°F(65 °C) or more, module shutdown protection.
	Storage temperature range	-22°F-158°F(-30 °C to +70 °C)
	Humidity	5 %-95 % Rh non-condensing
Structure	IP and IK rating	IP55/NEMA 3R
	Dimensions	W(31.5-36.1) * D29.5* H78.7in[W(800-918)mm*D750mm*H2000mm]
	Weight	≤1058lbs(480 kg)
	Enclosure material	304 stainless steel
Components	Cable length	16.4ft(5m) [14.8ft(4.5m)exposed from the charger]
	Screen	15" HD 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 Device, Emergency Stop Protection
	Optional functions	Tilt detection, flood detection, smoke detection, heater, cable management
Standards and Certifications	Standards	UL2231, UL2202, CHAdeMO1.2, ISO 15118, DIN70121
	Certifications Mark	cTUVus

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WAYTON
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Everything about probability and charging solutions