WAYTON
ENERGY TECH CO., LTD

Everything about profitability and charging experience

SEC 240kW Series
DC Fast Charger

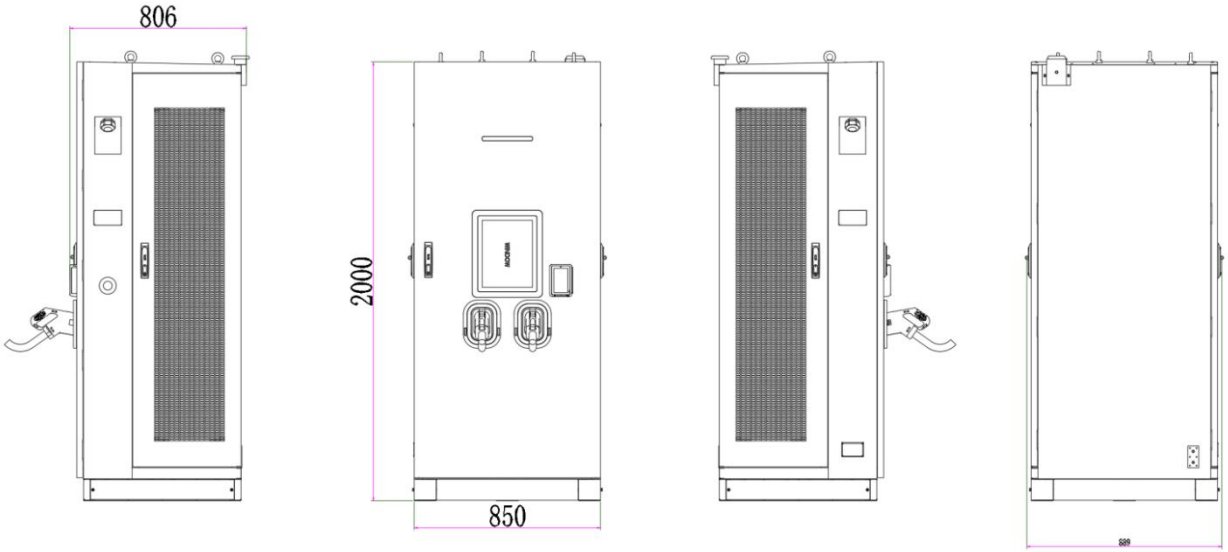


Overview

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

W850*D750*2000mm



Right view | Front view | Left view | Rear view

Specifications

240kW Integrated Charger		
Input Characteristic	Input voltage	400 VAC +/- 10%
	Input frequency	50 / 60 Hz
	Input type	3P + N + PE
	Max Input current	444A
	Max Input power	263kVA
	Power factor	0.99
	THDi	<5%
	Grounding type	TN-S, TT
Output Characteristic	Connector options	CCS2 CCS2+CCS2 CCS2+CHA CHA 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: 350A CHAdeMO: 125A
	Rated power	DC: 240kW
	Peak efficiency	96%
Environment	Operational altitude	<2000 m
	Operating temperature	-25 °C to +65 °C (Derating operation over 50 ℃)
	Storage temperature range	-30 °C to +70 °C
	Humidity	5 %-95 % Rh non-condensing
Structure	IP and IK rating	IP55/ IK10
	Dimensions	W850mm*D750mm*H2000mm
	Weight	≤500 kg
Components	Cable length	5m
	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
	Barrier free design	Yes

	Optional functions	Cable management, tilt detection, flood detection, smoke detection, heater, cable management
Standards and Certifications	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.
	Certifications	CE, TUV

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