

## SEC 160kW Series DC Fast Charger

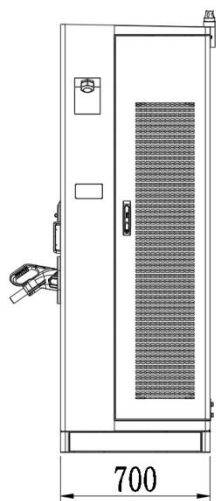


### Overview

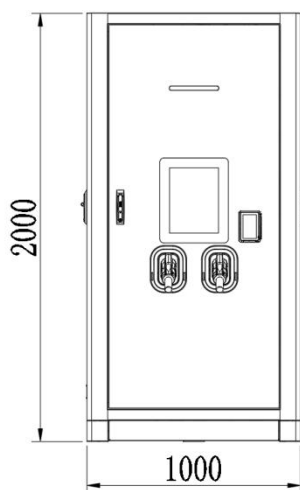
The SEC 160kW Series outdoor DC integrated charger adopts a new generation of 20kW intelligent charging module, single and double connectors can be arbitrarily selected according to customer needs. The dual-connector type can be distributed, according to the actual charging demand to meet the charging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

### Dimensions

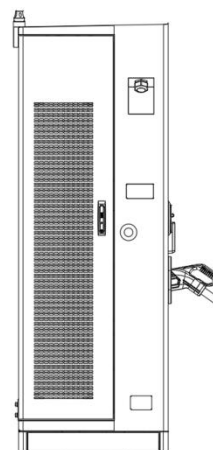
**W1000\*D700\*2000mm**



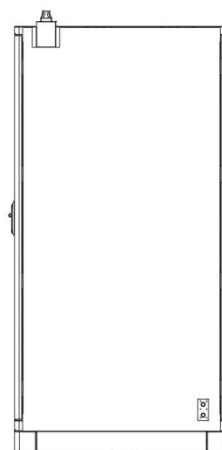
Right side view



Front view



Left side view



Rear view

# Specifications

160kW Integrated Charger		
Input Characteristic	Input voltage	400 VAC +/- 10%
	Input frequency	50 / 60 Hz
	Input type	3P + N + PE
	Max input current	299A
	Max input power	177kVA
	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: 300A 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	≤480 kg
	Enclosure material	Stainless steel
Components	Cable length	5m (4.5m exposed from the charger)
	Screen	15" 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 Device, Emergency Stop Protection
	Barrier design	Yes
	Optional functions	Cable management, tilt detection, flood detection, smoke detection
<b>Standards and Certifications</b>	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.
	Certifications	CE, TUV

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and charging solutions