WAYTON
ENERGY TECH CO., LTD

Everything about profitability and charging experience

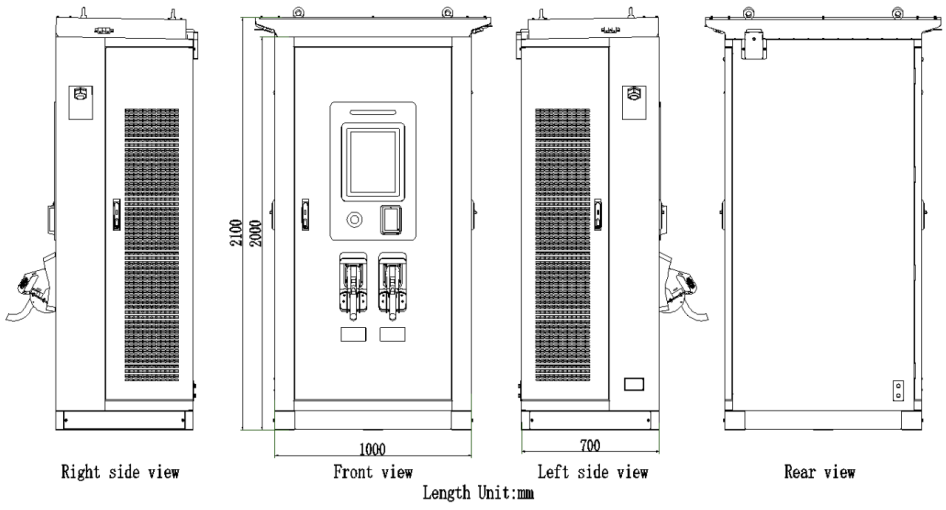
SEC 80-120-160kW Eichrecht
DC Fast Charger



Overview

The SEC 160kW Eichrecht 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

80kW/120kW/160kW Eichrecht 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
	Output voltage	CCS2: 200-1000 Vdc 300~1000V is the output voltage of constant power output.
	Maximum output current	CCS2: 200A
	Output power	80kW/120kW/160kW
	Peak efficiency	96%
Environment	Operational altitude	<2000 m
	Operating temperature	-25 ~ 65 °C (Derating operation over 50 °C)
	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
Components	Cable length	5m, 7m(optional)
	Screen	15" HD high-contrast touchscreen
	RFID Reader	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare1, NFC
Others	Communication interface	4G / LAN Port
	Language	English (Support customizing other languages)
	Communication protocol	OCPP1.6J
	Cooling method	Air cooled
	Payment method	RFID / APP
	EMC	Class A (industrial)
	Protection	Undervoltage protection, Overvoltage protection, DC Overcurrent protection, Over-temperature protection, Surge Protection Device
	Optional functions	Cable management, tilt detection, flood detection, smoke detection
Standards and Certifications	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118
	Certifications	CE, TUV, Eichrecht

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