



## 240kW High Power DC Charger



The SEC 240kW is a high-power DC integrated charger, with a scalable and modular design, is an economical solution for fast charging requirements, serving all types and brands of electric vehicles on the market, supporting easily used by end-customers and operators. Ideal for destination centers, workplaces, fleets, as well as special heavy vehicles use cases.



### Maximum revenue and profitability

Make full use of power modules with flexible configuration to enable requirement fulfillment of electric vehicles. Fast charging speed and high charging station utilization with 96% efficiency to achieve ultra fast charging speed.



### Better charging experience

Long charging cable with cable management system device that can be accessible easily to the electric vehicle. 15" HD touch screen for users to start the EV charger, as well as monitor and manage the charging session.



### Scalable and modular EV charger

Power of the SEC240 EV charger can be upgraded by adding power modules, the output range is between 160 to 240kW. Equipped with 40kW power modules, the charging system can adopt 4 to 6 power modules according to various applications of grid capacity and charging scenarios.

## Dimensions



## Specifications

240kW Integrated Charger		
Input Characteristic	Input voltage	480VAC +/- 10%
	Input frequency	50/60Hz
	Input type	3P+N+PE
	Input current	355A
	Input power	263kVA
	Power factor	0.99
	THDi	<5%
	Grounding type	TN-S,TT
Output Characteristic	Output voltage	CCS1:200-1000Vdc 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	<2000m
	Operating temperature	-25°C to +50°C (Full power)
	Humidity	5%-95% Rh non-condensing
Appearance	Weight	≤520kg
	Cable length	5m (4.5m exposed from the charger)
	Screen	15"HD touchscreen
Others	RFID reader	ISO 14443 A+B to part 4 and ISO/IEC 15693,Mifare1,NFC
	Communication interface	4G/LAN Port
	Communication protocol	OCPP1.6J
	Cooling method	Air cooled
	Payment method	RFID/APP (Mobile phone/Visa/Master is optional)
	EMC	Class A (industrial)

## Ideal for various charging scenarios



Shopping Mal



Workplace



Community



Fleet



High-way Charging Station

## Key Features



Fast charging speed, power 0% to 80% SOC within 20 minutes



IP55/NEMA 3R and IK10, high-level protection rating



Stainless 304 enclosure, adopted for a wide range of harsh conditions



User friendly design, equipped with user interface and CMS



Giant power in a small footprint



Easy for maintenance, low maintenance skill requirement

## CONTACT US

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