

# SEC 400kw Series DC Fast Charger

## Up to 96.2%

efficiency @half load rate

## Max. 700A output

500A liquid cooling -boost 700A  
350A natural cooling-boost 500A

## Flexible configuration

Maximum 4 connectors are supported with different kind of dispenser

## 400kW

400kW output

## User-friendly

Barrier-free design  
Multiple payment methods & languages  
Support for customization

## Reduce TCO

Reduce one-time input cost  
Lower power loss rate  
Easy maintenance



400kW Integrated charger		
Input Characteristic	Input voltage	400 VAC +/- 10%
	Input frequency	50 / 60 Hz
	Input type	3P + PE / 3P + N + PE
	Max Input current	740A
	Max Input power	437kVA
	Power factor	0.99
	THDi	<5%
	Grounding type	TN-S, TT, TN-C-S
Output Characteristic	Connector options	CCS2
	Connector quantity	2(Upto 4 connectors with extra dispenser)
	Output voltage	CCS2: 200-1000 Vdc 300~1000V is the output voltage of constant power output
	Maximum output current	CCS2: 500A(Liquid cooled @ continuous charging) CCS2: 350A(Natural cooled @ continuous charging)
	Switching step	80/120kW
	Rated power	DC: 400kW
	Peak efficiency	96.2%
Environment	Operational altitude	<2000 m
	Operating temperature	-30 °C to +65 °C
	Humidity	5 %-95 % Rh non-condensing
Structure	IP and IK rating	IP54/ IK10
	Dimensions	W990mm*D990mm*H2000mm
	Weight	≤690 kg
	Installation	Outdoor floor mounted
Components	Cable length	5m
	Screen	15" HD touchscreen
	RFID Reader	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare1, NFC
	Communication interface	Ethernet/GSM, 4G
	Language	English (Support customizing other languages)
	Communication protocol	OCPP 1.6J, OCPP 2.0.1
	Payment method	Credit Card, QR Code, RFID Card, Autocharge
Others	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
Standards and Certifications	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.
	Certifications	CE, RED, MID compliant

## Dual connectors dispenser

Electric Characteristic	Output voltage	CCS2: 200-1000 Vdc 300~1000V is the output voltage of constant power output
	Connector quantity	2
	Rated output power	Up to 700 kW(Depends on the integrated charger)
	Output voltage	CCS2: 200-1000 Vdc 300~1000V is the output voltage of constant power output
	Maximum current per connector	CCS2(Conventional cooling): 350A(boost to 500A); CCS2(Liquid cooling): 500A(boost to 700A);
User interface	Cable length	5m
	Screen	15" HD touchscreen
	User Authentication	Credit Card, QR Code, RFID Card, Autocharge
	RFID Reader	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare1, NFC
	Connectivity	Ethernet/GSM, 4G
	Language	English (Support customizing other languages)
	Barrier free design	Yes
Structure	Size	W450*D800*H2100 mm
	Protection Level	IP55/IK10
	Weight	≤250kg
	Installation	Outdoor floor mounted
Environment	Operational altitude	<2000 m
	Operating temperature	-25 °C to +50 °C
	Humidity	5 %-95 % Rh non-condensing
Standards and Certifications	Backend communication	OCPP 1.6J,OCPP 2.0.1
	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.
	Certifications	CE, RCM, Eichrecht, MID compliant, OCA1.6