

SEC 640kW Integrated Charger



1400A (2*700A)

500A liquid cooling - boost to 700A

350A air cooling - boost to 500A

96.2%

Peak efficiency at half load

640kW

Supports up to 4 connectors

Flexible Configuration

Supports configurable dispenser quantities and connector types

User-friendly

Barrier-free design

Multi-language support & diverse payment options

Customizable solutions

Lower TCO

Reduced upfront investment

Minimized power loss

Simplified maintenance

640kW Integrated Charger		
Input Characteristic	Input voltage	400 VAC +/- 10%
	Input frequency	50/ 60 Hz
	Input type	3P + PE/ 3P + N + PE
	Power factor	0.99
	THDi	<5%
	Grounding type	TN-S, TT, TN-C-S
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 (Air cooling @ continuous charging): 350A (Boost to 500A) CCS2 (Liquid cooling @ continuous charging): 500A (Boost to 700A)
	Rated power	DC: 640kW
	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
Components	Cable length	5m (4.5m exposed from the charger)
	Screen	15" HD touchscreen
	RFID reader	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare1, NFC
Others	Communication interface	4G/ LAN Port
	Language	English (Multi-language customization support)
	Communication protocol	OCPP1.6J
	Cooling method	Air cooling
	Payment method	RFID/ APP (Options for mobile phone/Visa/Master)
	EMC	Class A (Industrial)
	Protection	Undervoltage protection, overvoltage protection, DC overcurrent protection, overtemperature protection, surge protection device, emergency stop protection
	Barrier free design, cable management	Yes
Standards and Certifications	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.
	Certifications	CE, TUV