

Technical Specifications

Centralized Liquid-cooled Supercharging System		
General Specifications	Enclosure Material	Stainless Steel
	Cooling Type	Liquid cooling system
	Energy Storage System (ESS)	Battery module integrated with the charging unit
	Energy Storage Battery	233 kWh capacity
	IP and IK Protection Rating	IP54 (dust-protected, resistant to splashing water)
	Operating Altitude	<2000 m
	Operating Temperature	-25 °C / +50 °C (full power)
	Temperature Derating	Up to 50 °C: 100% output power 50–65 °C: gradual power derating ≥ 65 °C: module shutdown protection
	Storage Temperature Range	-30 °C / +70 °C
	Humidity	5% – 95% RH (non-condensing)
	EMC	Class A (industrial)
	Protection Types	Input overvoltage protection; output undervoltage protection; short-circuit protection; overcurrent protection; overtemperature protection; surge protection; emergency stop protection, etc.
Power Unit	Input Voltage	400 VAC ±10%
	Input Power	125 kW
	Input Frequency	50 / 60 Hz
	Input Type	3 Phase + N + PE
	Power Factor	0,99
	Peak Efficiency	≥96% (at full load)
	THDi	≤%5
	Emergency Stop Button	Available
	Grounding Type	TN-S, TT

Dual-Gun User Terminal	Gun Options	CCS2
	Number of Channels (Outputs)	2 / 4 / 6
	Output Voltage	200~1000V
	Power (Per Channel)	90~180 kW
	Output Current (Per Channel)	0~250 A
	Cable Length	5 m, 7 m (optional)
	Display	15" HD touch screen
	Load Balancing	Flexible power distribution according to user requirements
	Payment Method	Mobile payment and card authentication (optional)
	Peak Efficiency	≥96%
	Communication Interface	4G / LAN Port
	Language	English (other languages supported upon request)
	Communication Protocol	OCPP 1.6J
	Optional Functions	Tilt detection, water ingress detection, smoke detection, heater, cable management
Emergency Stop Button	Available	
Standards and Certifications	Applied Standards	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, ISO 15118
	Certifications	CE