

Technical Specifications

DC 120 kW Integrated Charging Station		
Input Specifications	Input Voltage	400 VAC +/- 10%
	Frequency	50 / 60 Hz
	Input Type	3P + N + PE
	Maximum Input Current	230 A
	Maximum Input Power	132 kVA
	Power Factor	0.99
	THDi	<5%
	Grounding Type	TN-S, TT
Output Specifications	Connector Options	CCS2 CCS2+CCS2 CCS2+CHA CHA is optional
	Output Voltage	CCS2: 200-1000 V DC CHAdeMO: 200-500 V DC
	Maximum Output Current	CCS2: 200A, CHAdeMO: 125A
	Rated Output Power	DC: 120kW
	Efficiency	96%
Environmental Conditions	Operating Altitude	<2000 m
	Operating Temperature	-25 °C to +65 °C
	Temperature Derating	0 – 50 °C → 100% power 50 – 65 °C → linear power derating ≥ 65 °C → module protection/shutdown
	Storage Temperature	-30 °C to +70 °C
	Humidity	5%–95%, non-condensing
Structural Features	IP and IK rating	IP55/ IK10
	Dimensions	
	Weight	≤500 kg
	Enclosure Material	Stainless Steel
Communication & Software	Cable Length	5 m (up to 4.5 m outside the unit)
	Display	15" HD touch screen
	RFID Reader	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare1, NFC
	Emergency Stop Button	Var
Protection & Safety	Connection	4G / LAN Port
	Language	English (other languages optional)
	Protocol	OCPP1.6J
	Cooling Method	Air Cooling
	Payment Method	RFID / APP (telefon / Visa / MasterCard opsiyonel)

	EMC Class	A (industrial type)
	Protection Functions	Overvoltage / undervoltage protection, DC overcurrent protection, overtemperature protection, lightning / surge protection, emergency stop protection
	Barrier Design	Available
	Optional Functions	Cable management, tilt detection, water ingress detection, smoke detection, heater
Standards and Certifications	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118 vb.
	Certifications	CE, TÜV

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