

DC charging station

The Sirius 5 charger is a fast DC charger from 120 kW, equipped with two CCS2 connectors with simultaneous charging. An RFID reader and OCPP 1.6 JSON protocol are included as standard, along with 4G, LAN, and Wi-Fi connectivity.

General Specifications

Model	Sirius 5-120 DC
Code	15080
Input voltage	400 VAC +/- 10%
Input current	250 A
Max power	120 kW (DC)
Adjustable max power	Via software
Charging	Mode 4 acc. IEC 61851
Output DC	Up to 1000 V CC
Output	2 X CCS2
Electrical protection	SPD + Fuses
Network connection	4G, Wifi, Ethernet
Electrical safety devices	Miniature circuit breakers / SPD
Meters	2 for simultaneous charging
Output power adjustment	Yes
Payment management	Yes
Operating temperature	-30°C...+50°C
Installation	Floor-mounted using anchor bolts



SIRIUS

Model		Sirius 5-120 DC
Charging		120 kW (DC)
AC Input	Input voltage	400 VAC +/- 15%
	Configuration	3P + N +PE
	Max input power	AC 25 kVA
		Simultaneous DC+DC
	Frequency	50 / 60 Hz
	Power factor	> 0.98
	Efficiency	> 95% (at 100% load)
DC Output	Connectors	2 x CCS2
	Output voltage	150~1000 Vdc (CCS)
	Output max current	120A @ 1000 V
	Output power	120 kW
	Charging	Un lato potenza massima / 2 sides charging with balanced power
User interface	Display	7" TFT-LCD touch screen
	Emergency button	Protection for immediate charging stop
	Autentication	RFID/App
	Display informations	Charging progress / Allert
Network connection	Network	3/4G, WiFi ed Ethernet
	OCPP	1.6 J
Dimensions		700x 1800 x 550 mm (L x H x P)
Reference standards		IEC62196-1/-3 / IEC 61851-23, IEC 61851-24
Electrical insulation		Primary / In accordance with the standards
Cooling system		Forced ventilation
Input protection devices		OVP, OCP, OPP, OTP, UVP, RCD, SPD
Electrical protections		Short circuit, OCP, OVP, LVP, OTP, RCD
Noise		65 dB
IP rating		IP54 / IK10
Weight		280 Kg