

DC charging station

The Sirius 5 charger is a fast DC charger from 180 kW, equipped with two CCS2 connectors with simultaneous charging. An RFID reader and OCPP 1.6 JSON protocol are included as standard, as well as 4G, LAN, and Wi-Fi connectivity.

General Specifications

Model	Sirius 5-180 DC
Code	15038
Input voltage	400 VAC +/- 15%
Input current	250 A
Max power	180 kW (DC)
Adjustable max power	Via software
Charging	Mode 4 acc. IEC 61851
Output DC	Up to 1000 VDC
Output	2 x CCS2
Meters	2 for simultaneous charging
Overvoltage protection	SPD + Fuses
Electrical safety devices	Miniature circuit breakers / SPD
Network connection	4G, WiFi, Ethernet
Payment management	Yes
Adjustable output power	Yes
Operating temperature	-30°C ... +50°C
Installation	Floor-mounted using anchor bolts



SIRIUS

Model		Sirius 5-180 DC
Charging		180 kW DC
AC Input	Input voltage	400 VAC +/- 15%
	Configuration	3P + N +PE
	Potenza di ingresso max.	200kVA (@180kW DC)
		DC+DC simultaneo
	Frequenza	50 / 60 Hz
	Fattore di potenza	> 0.98
	Efficienza	> 95% (al 100% del carico)
DC Output	Connettori	2 x CCS2
	Tensione di Output	150~1000 VDC CCS2
	Max current in Output	200 A @ 1000 VDC
	Potenza in Output	180 kW
	Charging	Single mode with full power / Simultaneous charging of 2 outputs with power balancing
User interface	Display	7" TFT-LCD touch screen
	Emergency button	Protection for immediate charging stop
	Autenticazione	RFID / App
	Display informations	Charging progress / Allert
Network connection	Network	4G, WiFi ed Ethernet
	OCPP	1.6 J
Dimensions		750 x 1900 x 750 mm (L x H x P)
Reference standards		IEC 62196-1/-3, IEC 61851-1/-23/-24
Electrical insulation		Primary / In accordance with the standards
Cooling system		Forced ventilation
Input protections		OVP, OCP, OPP, OTP, UVP, RCD, SPD
Electrical protections		Short circuit, OCP, OVP, LVP, OTP, RCD
Noise		65 dB
IP rating		IP54 / IK10
Weight		360 Kg