

## SIRIUS 3-120 / Fast charging station

The Sirius 3 station is a 120 kW DC fast charger equipped with 2 CCS/CHAdEMO/AC connectors and a type 2 connector for Mode3 charging up to 22 kW.  
RFID reader, 4G modem, LAN, IoT card and OCPP protocol are included in the station as well as the 4G, LAN e WiFi connection.

### Technical specifications

Model	Sirius 3-120 DC
Code	15020
Input Voltage	400 VAC +/- 10%
Max current	195 A + 36 A
Max power	120 kW (DC) +22 kW (AC)
Adjustable Max power	Through software
Charging protocol	Mode 4 acc. IEC 61851
Output AC	up to DC 1000V
Output	CCS2 + CHAdEMO + Type 2
Electrical protections	SPD + Fuses
Communications	4G, Wifi, Ethernet
Electrical safety devices	Circuit breakers / B-type differential switches / SPDs
Meters	3 for simultaneous charging
Output power adjustment	Yes
User profile management	Android
Payment management	Yes
OCPP 1.6	Yes
Installation	On the floor with anchor bolts and counterplate



# SIRIUS

<b>Model</b>	<b>Sirius 3-120 DC</b>	
<b>Charging</b>	<b>120kW (DC) +22 kW (AC)</b>	
<b>AC Input</b>	Input Voltage	400 VAC
	Configuration	3P + N +PE
	Max. input power	Single DC plug: 135 kVA
		AC 25 kVA
		AC+DC simultaneous 25 kVA + 135 kVA = 160 kVA
	Frequency	50 / 60 Hz
	Power factor	> 0.99
Efficiency	> 95% (al 100% del carico)	
<b>DC Output</b>	Output Voltage	50~500 Vdc (CHAdeMO), 150~750 Vdc (CCS), 48~120 Vdc (GB/T)
	Max. current output	Single plug: 300 A @ 400 V, 240 A @ 500 V, 160 A @ 750 V, 1000 V optional
	Power output	120 kW
	Recharge	1 gun full power, 2 guns automatic balance
	Voltage and Current range	± 1%
<b>User interface</b>	Display	7" TFT-LCD touch screen
	Emergency button	Included with protection for immediate stop of the charge
	Authentication	RFID/App
	Information on screen	Status and process of charging / Messaging and alarms
<b>Communications</b>	External	3/4G, WiFi and Ethernet
	Internal	CANBus / RS485 / RS232
<b>Dimensions</b>	659 x 550 x 1730	
<b>Reference standards</b>	CHAdeMO 2.0 / DIN 70121 / ISO 15118 / IEC 61851-23, IEC 61851-24	
<b>Electrical isolation</b>	Primary / Secondary as per standard	
<b>Cooling</b>	Forced ventilation	
<b>Input protections</b>	OVP, OCP, OPP, OTP, UVP, RCD, SPD	
<b>Electrical protections</b>	Short circuit, OCP, OVP, LVP, OTP, RCD	
<b>Noise</b>	< 55 dB	
<b>Protection level</b>	IP54 / IK10	
<b>Weight</b>	320 Kg	