

Lynx

120/240

kW-DC

*Ultrafast
charging
station*

*Simultaneous
dual charging*



01

Ultrafast charging points

Intro

Lynx 120-240 is a high-power supercharger up to 240 kW, 100% manufactured in Barcelona, with compact dimensions of 904 x 597 x 1870 (h) mm and a weight of 325 kg. With a power output of 120kW, 160kW, 200kW or 240kW (can also be limited to 80kW or 100kW via software), this charger offers simultaneous charging capacity for two vehicles in direct current (DC) and adapts perfectly to a variety of environments. The Lynx 120-240 provides cost-effective and hassle-free charging thanks to its adaptable power modules and intelligent charging. Lynx can charge the battery up to 80% in 5 to 10 minutes.

120/240 kW - DC



Perfect fit for:

EV Charging stations

Heavy duty electric vehicles

Charge point operators

High turnover filling stations



High
Power



Simultaneous
charging for two
vehicles



User
authentication



12,1" LCD
Screen



OCPP
Compliant



Autocharge



IP54



All-in-one
Solution



General Specifications

POWER SPECIFICATIONS

Input voltage	3Φ 380~415 Vac (±15%)
AC Input connection	3P+N+PE, TN/TT/IT
Maximum input current	225A(120kW) / 300A(160kW) / 375A(200kW) / 450A(240kW)
Frequency	50 Hz/60 Hz
Power factor	>0.99
Efficiency	>97%, at optimal point V/I
DC output voltage range	CCS2: 155~950 Vdc, 400A(120kW) - 500A (240kW) max.
Maximum output power	120 kW / 240 kW
Voltage accuracy	±2%
Current accuracy	±2%

USER & CONTROL INTERFACE

Display	Touch panel 12.1"
Interface protocol	OCPP 1.6J (coming soon OCPP 2.0.1) JSON over WebSocket Secure connection to OCPP server using TLS and user authentication
Optional	RFID > supports ISO 14443A/B, ISO 15693 FeliCa Lite-S (RCS966) VISA Payment Autocharge: Automatic authentication and charging start using the vehicle's unique identifier

COMMUNICATIONS

External	Ethernet & 3G/4G (Wi-Fi optional)
Internal	CAN bus/RS485

ENVIRONMENT

Operating temperature	-30°C~50°C (optional extended temperature range)
Maximum relative humidity	5%~95% RH, non-condensed
Altitude	≤ 2000 m
IP/IK Level	IP54/IK10
Cooling	Forced air

MECHANICS

Dimensions	904 x 597 x 1870 mm
Weight	≤ 325 - 385 kg
Hose length	5 m (other lengths optionally available)

PACKAGING

Weight gross	≤ 425 - 485 kg
Wooden box size	1058 x 658 x 2109 mm
Storage temperature	-40°C ~ 60°C

PROTECTIONS

Input protections	OVP, OCP, OPP, OTP, UVP, RCD, SPD
Output protections	OCP, SCP, OVP, LVP, OTP, IMD

STANDARDS & CERTIFICATIONS

Certifications	IEC 61851-1, IEC 61851-23, IEC 61851-21-2 (Eichrecht optional)
Security	CB, CE
Charging interface	CCS2, DIN 70121, ISO15118

03

Dimensions

Dimensions

mm

Fig 01

A/ Front

B/ Right side

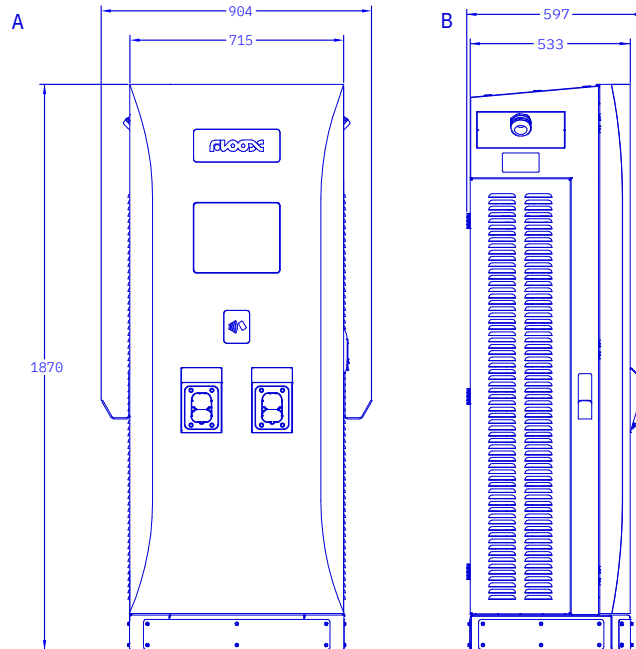
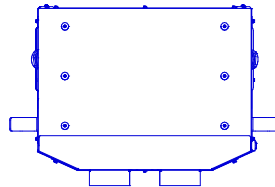


Fig 02 / Top



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Product references

Reference	Product
LYNX02400000000000	LYNX 240kW - 2x CCS2 (Standard)
LYNX02000000000000	LYNX 200kW - 2x CCS2 (Standard)
LYNX01600000000000	LYNX 160kW - 2x CCS2 (Standard)
LYNX01200000000000	LYNX 120kW - 2x CCS2 (Standard)