

Lynx

100/240

kW-DC

*Ultrafast
charging
station*

*Simultaneous
dual charging*



01

Ultrafast charging points

Intro

Lynx 100-240 is a high-power supercharger up to 240 kW, 100% manufactured in Barcelona, with compact dimensions of 905 x 537 x 1850 (h) mm and a weight of 325 kg. It can simultaneously charge two vehicles in direct current (DC) and adapts perfectly to a variety of environments. The Lynx 100-240 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.

100/240 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



02

General Specifications

POWER SPECIFICATIONS

AC input

Output

Input voltage	3Φ 380~415 Vac (±15%)
AC Input connection	3P+N+PE, TN/TT/IT
Maximum input current	225A (100kW) / 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(100kW) - 500A (240kW) max.
Maximum output power	100 kW / 240 kW
Voltage accuracy	±2%
Current accuracy	±2%

USER & CONTROL INTERFACE

Display	Touch screen LCD 12.1"
User authentication	OCPP 1.6 JSON (coming soon OCPP 2.0.1) <i>Optional:</i> <i>RFID > supports ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966)</i> <i>Card payment (Payter, PAX and others available)</i>

COMUNICATIONS

External	Ethernet & 3G/4G (Dual SIM optional) <i>(Wi-Fi optional)</i>
Internal	CAN bus/RS485

ENVIRONMENT

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

MECHANICS

Dimensions	905 x 537 x 1850 mm
Weight	≤ 325 - 385 kg
Hose length	5 m <i>(other lengths optionally available)</i>

PACKAGING

Weight gross	≤ 425 - 485 kg
Wooden box size	1058 x 658 x 2109 mm

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 <i>(Eichrechtskonform opcional)</i>
Security	CB, CE
Charging inteface	CCS2, DIN 70121, ISO15118

03

Dimensions

Dimensions

mm

Fig 01

A/ Front

B/ Right side

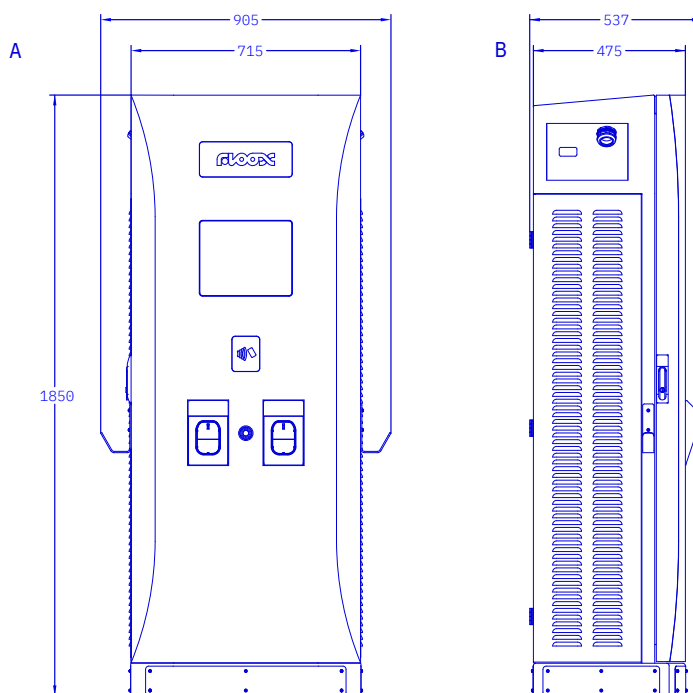
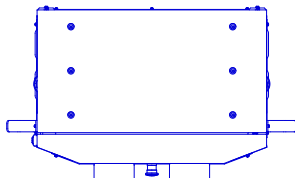


Fig 02 / Top



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Product references

Reference

Product

LYNX2400000000510015

LYNX 240kW - 2x CCS2 500A (Standard)