



Lyra Lite

30/40 kW-DC

*Fast charging
made easy.
30/40 kW directly
to the battery.*



01

30/40 kW straight to the battery

Intro

Compact yet powerful, this DC EV charger with dimensions of 512 x 257 x 940 (h) mm and a weight of 80 kg is suitable for a wide variety of spaces. With power options of 30kW or 40kW, the Lyra Lite is a versatile solution for fast charging installations. Specifically designed for environments where users need to charge for periods of 30 to 90 minutes, this charger provides an efficient and reliable solution to meet today's electric mobility demands.

30/40 kW - DC



Perfect fit for:

Private and public parkings

Sales fleet operators

Service sector: hotels, restaurants, shopping centers, gyms

Workshops and electric vehicle dealers



High Power



Wall mounted or stand alone



User Authentication



12,1" LCD Display



OCPP Compliant



Autocharge



IP54



All-in-one Solution



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General Specifications

POWER SPECIFICATIONS

AC Input

Input voltage	3Φ 380~415 Vac (±15%)
AC Input connection	3P+N+PE, TN/TT/IT
Maximum input current	100A (30kW) - 133A (40kW)
Frequency	50 Hz/60 Hz
Power factor	>0.99
Efficiency	>94%, at optimal point V/I
DC Output voltage range	CCS2: 150~950 Vdc / 100A (30kW) - 133A (40kW) max.
Maximum output power	30kW - 40 kW
Voltage accuracy	±2%
Current accuracy	±2%

Output

USER & CONTROL INTERFACE

Display	Touch screen 12.1"
User Authentication	OCPP 1.6 JSON (coming soon OCPP 2.0.1) <i>Optional:</i> RFID > supports ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) VISA Payment

COMMUNICATIONS

External	Ethernet & 3G/4G (<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

Size	512 x 257 x 940 mm
Weight	≤ 100-120 kg
Hose length	3 m (<i>other lengths optionally available</i>)

PACKAGING

Gross weight	≤ 180-200 kg
Wooden box size	858 x 658 x 1909 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 optional</i>)
Security	CB, CE
Charging interface	CCS2, DIN 70121, ISO15118

03

Dimensions

Dimensions

mm

Fig 01

A/ Front + Stand

B/ Side + Stand

C/ Front

D/ Right Side

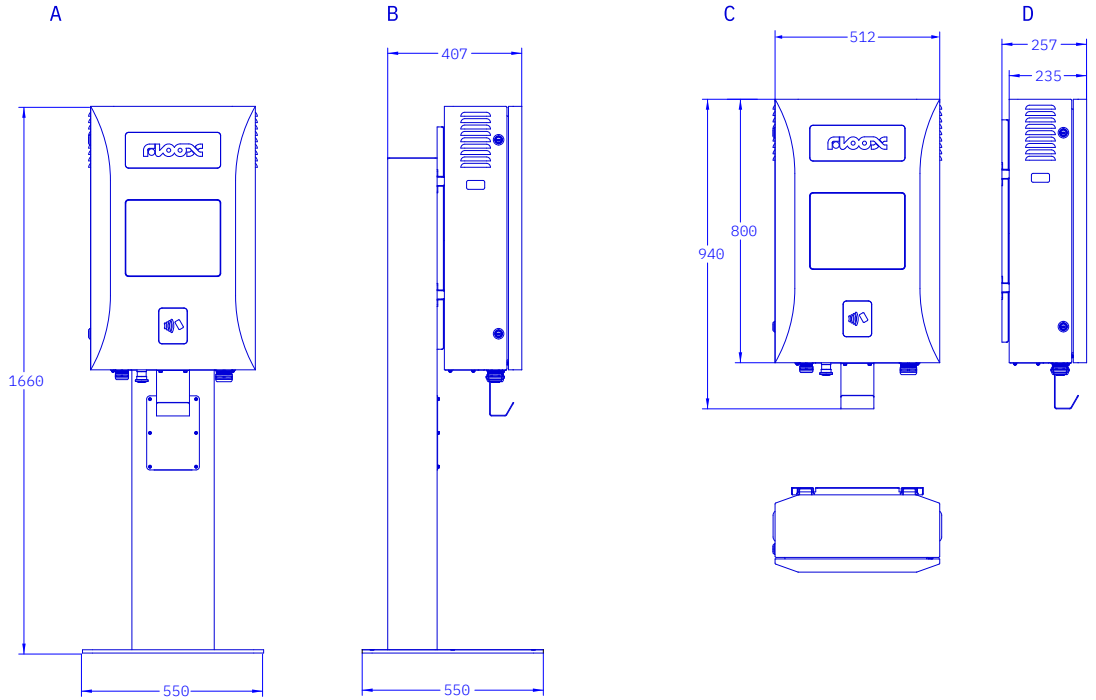
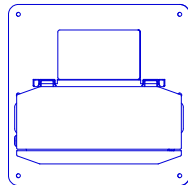


Fig 02 / Top



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Product references

Reference	Product
LYRA0300000000000000	LYRA 30kW - 1x CCS2 80A (Standard)
7000019101	PEANA (opcional)