

L-CHARGE POWER BOOSTER



EVOGE

We are proud to present L-charge BOOSTER for increasing your charging stations up 120 kWh without changing the income power. This solution helps to boost your business up to 5 times.

How it works: The Booster consists of 2 battery storage which altogether provide up to 120 kWh

SLOW CHARGER
INPUT POWER
22 kWt



FAST CHARGER
OUTPUT POWER
120 kWt



Battery

Capacity: 120 kWh



Size / weight

Size: 1,5 x 1,2 x 1,8 m
Gross weight: 1500 kg

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TECHNICAL DATA

POWER BOOSTER



TOTAL POWER	120 KW
Operating specifications	
Ambient Conditions	Operating temperature $-20^{\circ}\text{C} \dots +45^{\circ}\text{C}$ (screen $-10 \dots +50$), < 95% relative humidity non-condensing Operating altitude $\leq 1,000$ m without derating
Electrical protection	Controller (own production)
Outlet Options	Standart 1 x CCS + 1 x CHAdeMO Optional: AC Type 2 socket (with flap and shutter)
Screens	Display size on customers demand
Protection rating	IP54, IK 10 (including display)
Sound power level	60 dB
Max power session time (120kW)	60 min
Charging system	
Network type	TN-C, TN-S, TN-C-S or TT 400
AC input voltage	400 V FC ($\pm 10\%$)
Frequency range	45...55 Hz
Booster charging time (22kw)	5,5 h
DC outlet	
Max current at chargers outlet	CCS 2: 1 x 250 A peak (air-cooled cable), 1 x 400 A (liquid-cooled cable) CHAdeMO: 1 x 125 A / 200 A
Output voltage range	150 - 1000 V DC
Charging system	
Standards supported	CHAdeMO / CCS
Charging points	2
Max power output per charging point:	120 kW
Outlet Options	Standart 1 x CCS + 1 x CHAdeMO Optional: AC Type 2 socket (with flap and shutter)
Dynamic power allocation	Demand-based equal power distribution/ Flexibility in demand-based power allocation
General Specifications	
Electrical protection	Controller
Backend connectivity	OCPP 1.6, OCPP 2.0
Charge controller	Own production
Dimensions (HxWxL)	1800 x 1500 x 1200 mm
Weight, tons	1,5
Remote management	Remote access, over-the-air (OTA) software updates
Network Connection	Ethernet ; GSM / GPRS / LTE*
Authorization/payment	App for a smartphone with linked credit card, QR-code
Norms and Standards	
CE-certified	According to market conditions
EMC*	IEC 61000-6-2, EN 61000-6-3
Connector	DC: CCS Combo 2 cable acc. to IEC 61851-23, IEC 62196-3 (Mode 4, Type 2) DC: CHAdeMO 1.2, JEVS G105 (Mode 4, CHAdeMO) AC: IEC 61851-1, IEC 62196-2, (Mode 3, Type 2)
EV communication	BS EN 61851-1, BS EN 61851-23